

# **CURRICULUM VITAE**

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|-------------------------|--|
| NAME                    | AAKO, Olubisi Lawrence   |
| PRESENT POSITION        | Lecturer I   |
| DATE OF LAST PROMOTION  | 1 <sup>st</sup> January, 2022  |
| DATE OF BIRTH           | July 14, 1972  |
| PLACE OF BIRTH          | Igangan  |
| SEX                     | Male   |
| MARITAL STATUS          | Married  |
| NATIONALITY             | Nigerian   |
| TOWN/STATE OF ORIGIN    | Igangan/Oyo  |
| LOCAL GOVERNMENT        | Ibarapa North  |
| NUMBER/AGES OF CHILDREN | Four/ 19yrs,17yrs,12yrs, 8yrs  |
| NEXT OF KIN             | Aako Adenike Florence  |
| LANGUAGE SPOKEN         | Yoruba and English   |
| RELIGION                | Christianity   |
| CONTACT ADDRESS         | Mathematics/Statistics Department,<br>The Federal Polytechnic,<br>P.O Box 50, Ilaro            |
| RESIDENTIAL ADDRESS     | Mogba close, Behind Igboora High School,<br>Igbole, Igboora.                                   |
| PHONE NUMBER            | 08062151141/08078982600  |
| E-MAIL ADDRESS          | <a href="mailto:olubisi.aako@federalpolyilaro.edu.ng">olubisi.aako@federalpolyilaro.edu.ng</a> |

## **EDUCATIONAL INSTITUTIONS ATTENDED WITH DATES**

|  |             |
|--|-------------|
| 1. University of Lagos, Akoka, Lagos           | 2016 – 2021 |
| 2. University of Lagos, Akoka, Lagos           | 2001 – 2002 |
| 3. University of Lagos, Akoka, Lagos           | 1995 – 1998 |
| 4. St. Andrew’s College of Education, Oyo      | 1991 – 1995 |
| 5. Igangan High School, Igangan                | 1984 – 1989 |
| 6. R.C.M. Primary School 1, Igangan, Oyo State | 1978 - 1984 |

## **ACADEMIC AND PROFESSIONAL QUALIFICATIONS WITH DATES**

|   |      |
|---|------|
| 1. Teachers Registration Council of Nigeria Certificate | 2007 |
| 2. Doctor of Philosophy in Statistics                   | 2023 |
| 2. Master of Science (Statistics)                       | 2003 |
| 3. NYSC Discharge Certificate                           | 2000 |
| 4. Bachelor of Science (Mathematics Education)          | 1998 |
| 5. Nigeria Certificate in Education                     | 1995 |
| 6. Secondary School Certificate                         | 1989 |
| 7. Leaving School Certificate                           | 1984 |

## **AWARDS**

1. Best Graduating Student in Mathematics and Teaching of Mathematics 1995
2. Higher Education Mathematics Scholarship Award 1997
3. Best Graduating Student, Curriculum Studies Dept. 1998
4. Teaching Assistantship 2002

## **WORK EXPERIENCE**

1. First Zion Int'l High School, Ijegan 2000 - 2001
2. Teaching Assistant (UNILAG) 2002
3. Reagan Mem. Baptist Girls' Sec. School, Sabo, Lagos 2002 – 2005
4. Teaching Service Commission, Oyo State 2005 – 2009
5. Part-time Lecturer, Federal college of Education, Osiele 2007 - 2008
6. The Federal Polytechnic, Ilaro 2009 - 2015
7. The Federal Polytechnic, Ilaro 2016 till date

## **MEMBERSHIP OF PROFESSIONAL BODIES**

1. Member, Nigeria Statistical Society (NSS)
2. Member, Nigerian Statistical Association (NSA)

## **PUBLICATIONS:**

### **(i) Seminar Presentation**

**Aako, O. L.** (2002). Seminar Report on Thin Capital Market: A Case Study of Nigerian Stock Exchange. An Unpublished Seminar submitted in partial fulfilment of the award of Master of Science Degree in Statistics, University of Lagos, Akoka.

### **(ii) Conferences Papers**

1. **Aako, O. L.**, Ojo, G. O. and Are, S. O. (2022): Dynamic Regression Model of Nigeria Inflation Rate using an Exogenous Input. A paper presented at the 3<sup>rd</sup> International Conference, The Federal Polytechnic, Ilaro, August, 2022.
2. **Aako, O. L.**, Adewara, J. A. and Adekeye, K. S. (2022). On Performance of Generalized Gamma Tukey's Control Chart. A paper presented at the 9<sup>th</sup> Annual International Conference on Mathematical Sciences and Optimization (ICMSO 2022), the Institut De Mathematique Et De Sciences Physiques Universite D' Abomey – Calavi, Porto-Novvo, Benin, 9<sup>th</sup> May – 13<sup>th</sup> May, 2022.
3. Fatunmbi, E. O., **Aako, O. L.** (2021). Statistical Model for Melting Heat Transfer in Micropolar Nanofluid Flow over an Electromagnetic Actuator with Irregular Thickness. A paper presented at the 5<sup>th</sup> National Conference, School of Engineering, Federal Polytechnic, Ilaro, Ogun State, held on 8<sup>th</sup>-10<sup>th</sup> November, 2021.
4. Ojo, G. O., Are, S. O. and **Aako, O. L.** (2021). Estimation of Long-Run Cointegration Effect on Economic Growth Control Variables Using Autoregressive Distributed Lag (ARDL) Bound Test Approach. A paper presented at the COLNAS

- Hybrid International Conference, The Bell University of Technology, Ota, Nigeria, held on 27<sup>th</sup>-29<sup>th</sup> September, 2021.
5. Ojo, G. O, Agbolade, O. A, **Aako, O. L.** (2021). Dynamic Modelling of Macroeconomic variables and Food Security in Nigeria. A paper presented at the School of Pure and Applied Science 5<sup>th</sup> National Conference held on the 29<sup>th</sup> -30<sup>th</sup> September, 2019 at the Federal Polytechnic, Ilaro, Ogun State, Nigeria.
  6. **Aako, O. L.** and Ajibode, I. A. (2020). Regression Control Chart for Monitoring Road Accident Fatalities. A paper presented at the 1st International Conference (Virtual) of the Federal Polytechnic, Ekowe, Bayelsa State, held on 9<sup>th</sup>-10<sup>th</sup> December, 2020.
  7. **Aako, O. L.** and Are, S. O. (2020). Comparison of Cox, Weibull, Gompertz and Log-Logistic Regression Models in Survival Analysis of Hypertensive Patients. A paper presented at the 2<sup>nd</sup> International Conference, The Federal Polytechnic, Ilaro, November, 2020.
  8. **Aako, O. L.** and Ajibode, I. A. (2019). Shewhart Individual Control Charts for Monitoring Monthly Rainfall in South-West, Nigeria. A paper presented at the International Inter-Tertiary Multidisciplinary Conference held on 9<sup>th</sup>-11<sup>th</sup> June, 2019 at the Federal Polytechnic, Ilaro.
  9. **Aako, O. L.** and Alabi, N. O. (2019). Modeling the Volatility of Nigerian Stock Market using Garch Family Models. A paper presented at the School of Pure and Applied Science 4<sup>th</sup> National Conference held on the 3<sup>rd</sup> -6<sup>th</sup> December, 2019 at the Federal Polytechnic, Ilaro, Ogun State, Nigeria.
  10. **Aako, O. L.**, Adewara, J. A. and Nkemnole, E. B. (2019). Marshall-Olkin Inverse Log-logistic Distribution: Properties and Applications. A paper presented at the 6<sup>th</sup> ICAPTA Conference, 24<sup>th</sup> – 30<sup>th</sup> March, 2019.
  11. Ezekiel, I. D and **Aako, O. L.** (2018). Marshall-Olkin Half logistic Distribution: Properties and Applications. A paper presented at the 1<sup>st</sup> International Conference and Exhibition on Technological Innovation and Global competitiveness held at the Federal Polytechnic, Ilaro , Ogun State , 5<sup>th</sup> -8<sup>th</sup> Nov. 2018.
  12. **Aako, O. L.** and Nkemnole, E. B. (2018). Beta Geometric Bootstrap Method for Time Series Stationary Process. A paper presented at the 4<sup>th</sup> Bi-annual Conference of SRG, University of Benin, Benin, Edo State, 8<sup>th</sup>-11<sup>th</sup> May, 2018.
  13. **Aako, O. L.** and Ajibode, I. A. (2017). On Modelling of Lifetime Data Using Gamma and Exponentiated Exponential Distributions. A paper presented at the National Conference on Science, Technology and Communication, Federal Polytechnic, Ilaro, Ogun State, 4<sup>th</sup>-7<sup>th</sup> Dec. 2017.
  14. Adewara J. A. and **Aako O. L.** (2017). Transmuted Weibull Rayleigh Distribution and Its Applications. A paper presented at the 1<sup>st</sup> International Conference of Nigerian Statistical Association, 6<sup>th</sup>-8<sup>th</sup> Sept. 2017.
  15. Ajibode, I. A. and **Aako, O. L.** (2016). Modeling Pattern of Tourist Patronage in Olumo Rock, Abeokuta. A paper presented at the 5<sup>th</sup> National Conference of ASUP, Ilaro Chapter, 16<sup>th</sup>-19<sup>th</sup> Oct. 2016.

(iii) **Journals:**

1. Fatunmbi, E. O. and **Aako, O. L.** (2023). Statistical Model for Melting Heat Transfer in Micropolar Nanofluid Flow over an Electromagnetic Actuator with Irregular Thickness, *AJOSR*, 4(2), 44-57.
2. Ojo, G. O., Are, S. O. and **Aako, O. L.** (2022): A Time Series Regression Modeling Approach on Economic Growth Control Variables. *International Journal of Women in Technical Education and Employment (IJOWITED)*, 3(2),
3. **Aako, O. L.**, Adewara, J. A. and Nkemnole, E. B. (2022): Marshall-Olkin Generalized Inverse Log-Logistic Distribution: Its properties and applications. *International Journal of Mathematical Sciences and Optimization: Theory and Applications*. 8(2), 15 – 31.
4. **Aako, O. L.** and Agbolade, O. A. (2022): Use of a generalized gamma additive model to determine the effect of monetary policy on the Nigerian stock market. *International Journal of Mathematical Analysis and Modelling*. 5(4), 50 – 57.
5. **Aako, O. L.**, Adewara, J. A. and Are, S. O. (2022). Risk Factor Analysis of Breast Cancer Patients in a Nigerian Tertiary Hospital. *Fudma Journal of Sciences*, 6(3), 95 - 99. <https://doi.org/10.33003/fjs-2022-0603-975>.
6. Adewara, J. A., **Aako, O. L.** and Adekeye, K. S. (2022): Median and Interquartile Range Control Charts Based on Quantiles of Marshall-Olkin Inverse Log-logistic Distribution. *International Journal of Industrial and Systems Engineering*, Volume 1; <https://doi.org/10.1504/ijise.2022.10050090>.
7. **Aako, O. L.** and Are, S. O. (2021). Modeling mode of childbirth delivery using dummy dependent variable models. *FEPI-JOPAS:3(1);32 – 37*.
8. Adewara, J. A., Adeyeye, J. S., Khaleel, M. A. and **Aako, O. L.** (2021). Exponentiated Gompertz Exponential (Egoe) Distribution: Derivation, Properties and Applications. *Journal of the Turkish Statistical Association*, 13(1), 12–28.
9. Adekeye, K. S., Adewara, J. A., **Aako, O. L.** and Olaomi, J. O. (2021). Performance of median absolute deviation and some alternatives to median absolute deviation control charts for skewed and heavily tailed process. *Qual Reliab Engng Int.*;1–10. DOI: 10.1002/qre.2926
10. Lawal, R., Ogunseitan, T., **Aako, O. L.** and Oluwagbayide, S. (2021). Waste Analysis in Post-Harvest Fruit Marketing: A Measure to Reduce Economic Wastage in Ilaro, Ogun State, Nigeria. *Techno-Science*, 4(1), 27-32.
11. **Aako, O. L.**, Adewara, J. A., Adekeye, K. S. and Nkemnole, E. B. (2020).  $\bar{X}$  and R Control Charts Based on Marshall-Olkin Inverse Log-logistic Distribution for Positive Skewed Data. *Afr. J. Pure Appl. Sci.* 1(1), 09 – 16. DOI: <https://doi.org/10.33886/ajpas.v1i1.167>
12. **Aako, O. L.**, Adewara, J. A., Adekeye, K. S. and Nkemnole, E. B. (2020). Robust Scale Estimator Based Control Charts for Marshall-Olkin Inverse Log-Logistic Distribution. *Benin Journal of Statistics*, Vol. 3, pp. 55– 65. ISSN 2682-5767.
13. Adeboye, N. O., Ajibode, I. A. and **Aako, O. L.** (2020). On the Survival Assessment of Asthmatic Patients Using Parametric and Semi-Parametric Survival Models. *Occupational Diseases and Environmental Medicine*, 8, 50-63. DOI: 10.4236/odem.2020.82004.
14. Adewara, J. A., Adekeye, K. S. and **Aako, O. L.** (2020). On Performance of Gompertz-Based  $\bar{X}$  Control Charts. *Journal of Probability and Statistics*, Volume 2020, Article ID 8081507, 9 pages. <https://doi.org/10.1155/2020/8081507>.
15. Adewara, J. A. and **Aako, O. L.** (2018). Variable Control Charts Based on Percentiles of Exponentiated Lomax Distribution. *Nig. J. Pure & Appl. Sci.* 31 (2). doi: <http://dx.doi.org/10.19240/njpas.2018.A24>.

16. Adewara, J. A. and **Aako, O. L.** (2018). Another Look at Transmuted Weibull Rayleigh Distribution and Its Properties. *Benin Journal of Statistics*, vol.1, pp 33-34.
17. Ezekiel, I. D. & **Aako, O. L.** (2018). Comparison of Cox's and Weibull Regression Models in Assessing the Prognostic Factors for Survival of Asthmatic Patients. *International Journal of Current Advanced Research*, 4(11(A)), 1390-1394. DOI: 10.24327/IJCIR.

**(iv) Textbooks/Chapter Contribution(s)**

Are, S. O., **Aako, O. L.** and Agbolade, O. A. (2020). *Basics of Inferential Statistics*. First Edition, Femlight Production, 192+xv pp. **ISBN: 978-978-988-161-1.**

Are, S. O., Alabi, N. O. and **Aako, O. L.** (2019). *Essential Descriptive Statistics*. First Edition, Femlight Production, 222+xii pp. **ISBN: 978-978-978-051-8.**

**WORKSHOPS & SEMINARS ATTENDED WITHOUT PAPER(S) PRESENTATION.**

1. A week Training on Advanced Digital Appreciation Programme for Tertiary Institutions Statistical Package for Social Sciences by Digital Bridge Institute at the Federal Polytechnic, Ilaro, Ogun State from September 26-30, 2022.
2. A One-Day Webinar on Multivariate Analysis and Techniques using STATA by IASC held on August, 2022.
3. A day RSS-NLG Workshop on Python Programming in Relation to Data Science by Royal Statistical Society (Nigeria Local Group) held on 15 December, 2021 at Federal University of Agriculture, Abeokuta, Ogun State.
4. A One-Day Seminar on Cooperative Decency and Management Dynamics organized by Ministry of Community Development and Cooperatives, Ogun State held on November, 2019 at the Federal Polytechnic, Ilaro.
5. A One-Day Special Training Workshop on Survey Process Design organized by Royal Statistical Society, Nigeria Local Group held on 16<sup>th</sup> January, 2019.
6. A One-Day Seminar on Cooperative Decency and Management Dynamics organized by Ministry of Community Development and Cooperatives, Ogun State held on November, 2019 at the Federal Polytechnic, Ilaro.
7. A One-Day Special Training Workshop on Survey Process Design organized by Royal Statistical Society, Nigeria Local Group held on 16<sup>th</sup> January, 2019.
8. A 2-Week Training on Visual Basic.Net, C#, and MatLab by Centre for Information Technology Limited held on 19<sup>th</sup>-30<sup>th</sup> March, 2018 at the Federal Polytechnic, Ilaro.
9. A Two-Day Capacity Building Training Workshop on Ethical Conduct among Academic Staff towards Efficient Management of The Federal Polytechnic Ilaro held on 20<sup>th</sup>-21<sup>st</sup> Dec., 2017 at the Federal Polytechnic, Ilaro.
10. Postgraduate Course on Statistical Distributions organized by Nigerian Statistical Association held at University of Ibadan, Ibadan, Oyo State, between 29<sup>th</sup> May - 2<sup>nd</sup> June, 2017.
11. A 2-day Workshop on the implementation of Electronic Examination System held on 29<sup>th</sup>-30<sup>th</sup> August, 2016 at the Federal Polytechnic, Ilaro.

**ADMINISTRATION/ LEADERSHIP POSITION(S):**

1. Departmental Secretary, Mathematics and Statistics Department 2017 till date.
2. SIWES Coordinator, Mathematics and Statistics Department 2019 till date
3. Member, Committee on Retiree Savings Account, SPAS 2017- 2019
4. Member, Abstract and Publication Sub-committee, SPAS 2021
5. Coopted Member, FPI Strategic Planning Committee 2022
6. Member, Polytechnic Data Analysis Committee 2022
7. Member, FPI Grant Submission Committee 2022

**COMMUNITY SERVICES:**

1. Examiner, WAEC and NECO.
2. Secretary, Catholic Men Organisation, St. Anthony Parish, Igboora.
3. Chairman, 2020 Harvest Planning Committee, St. Anthony Parish, Igboora..
4. Volunteer, FPI Volunteer Teaching in Secondary Schools.

**EXTRACURRICULA ACTIVITIES**

Reading, Traveling and Research

**REFEREES**

1. Dr. J. A. Adewara  
Distance Learning Institute  
University of Lagos  
Akoka.
2. Mr. I. D. Ezekiel  
Head of Department  
Department of Mathematics/Statistics  
Federal Polytechnic  
Ilaro, Ogun State.
3. Dr. A. A. Adekunle  
Educational Administration Department  
University of Lagos  
Akoka.

I certified that the above information is true to the best of my knowledge.

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AAKO, OLUBISI LAWRENCE