# **CURRICULUM VITAE**

Name	Oluwayemisi Oyeronke Alaba (PhD)		
Date of Birth	July 29, 1977		
Address	Department of Statistics, University of Ibadan, Nigeria.		
<b>Current Position</b>	Reader (Associate Professor)		
Tel. No. (Mobile)	+2348052172452; +2348060941520		
Email	oluwayemisioyeronke@yahoo.com; oo.alaba@mail.ui.edu.ng		
Webpages	https://scholar.google.com/citations?user=2CW8TtwAAAAJ&hl=en https://www.researchgate.net/profile/Oluwayemisi_Alaba2 https://orcid.org/0000-0002-1376-606X https://sci.ui.edu.ng/content/alaba-o-oluwayemisi		

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## A. RESEARCH INTERESTS AND PROFILE

Oluwayemisi Alaba is a seasoned statistician with deep knowledge in theoretical and analytical skills acquired over time as an academic with research interest in Econometrics, Biometrics and Applied Statistics.

#### i. Academic Qualifications

-	BSc (Statistics, 2 <sup>1</sup> ) (University of Ibadan, Nigeria)	2000
-	MSc (Statistics, PhD Grade) (University of Ibadan, Nigeria)	2003
-	PhD (Statistics) (University of Ibadan, Nigeria)	2011

#### ii. Participation on International and Local Academic/Research Bodies

- 1. Member, Nigerian Statistical Association (NSA)
- 2. Member, International Statistical Institute (ISI): 17408
- 3. Member, University of Ibadan Laboratory for Interdisciplinary Statistical Analysis (UI-LISA)
- 4. Member, South African Statistical Association: 1611130
- 5. Member, Caucus for Women in Statistics (CWS)
- 6. Member, Organization of Women in Science for the Developing World (OWSD)
- 7. Training One Hour with a Statistician, University of Ibadan Laboratory for Interdisciplinary Statistical Analysis (UI-LISA)

- 8. External Examiner, Federal University of Technology Akure (FUTA).
- 9. Reviewer, South African Family Practice Journal.
- 10. Reviewer, Journal of Nigerian Statistical Association
- 11. Reviewer, Genus: Journal of Population Sciences
- 12. Training Workshop on Statistical Analysis of Laboratory Data and Quality Control for Nigerian Institute of Science and Laboratory Technologist (NISLT).
- 13. Journal Editor, University of Ibadan Collaborative Academic Resuscitation and Transformation (UI-CART) Project in Science and Technology.
- 14. The Role of Mathematics in the Career of a Lady Scientist for Ogunsanya Girls' Science Academy, Arulogun, Ibadan.
- 15. Panellist at the 12<sup>th</sup> Edition of Wole Soyinka Centre Media Lecture Series to mark Prof. Wole Soyinka's 86<sup>th</sup> Birthday.
- 16. Speaker at Building Capacity in Statistical Consulting and Collaboration Techniques Through the Creation of Statistical Laboratory being part of the Series of LISA 2020 Symposium Plenary Events in 2020

#### iii. Communication/Language

I possess excellent knowledge of the technical language required for research, which is an essential skill for success and relevance in the academia. I have served as a reviewer in high- impact journals and made presentations in scientific conferences even at the international level.

## iv. Conferences/Workshop at which Research Papers were Presented

- 1. 15<sup>th</sup> Annual Conference of the African Econometrics Society, Cairo, Egypt. 7 9 July, 2010.
- 2. 17<sup>th</sup> Annual Conference of the African Econometrics Society, Kampala, Uganda. 25 27 July, 2012.
- 3. 60<sup>th</sup> World Statistics Congress, Rio de Janeiro, Brazil. 26 31 July, 2015.
- 4. Training Workshop on Statistical Analysis of Laboratory Data and Quality Control for Nigerian Institute of Science and Laboratory Technologist (NISLT), Nigeria. 22 26 April, 2019.
- 5. Journal Club Presentation, University of Ibadan Collaborative Academic Resuscitation and Transformation (UI-CART) Project in Science and Technology, University of Ibadan, Nigeria. 16 May, 2019.
- 6. 18<sup>th</sup> ISTEAMS, Multidisciplinary Cross- Border Conference, Accra, Ghana. 28 30 July, 2019.
- 12<sup>th</sup> Edition of Wole Soyinka Centre Media Lecture Series to mark Prof. Wole Soyinka's 86<sup>th</sup> Birthday. July 13, 2020.

## **B. CAREER DEVELOPMENT**

My career has been marked by remarkable and steady progression from the rank of an Assistant Lecturer in 2004 to an Associate Professor by 2019. I have held several academic ranks and profession in more than 19years as an academic.

#### i. Academic Ranks

-	Assistant Lecturer, University of Ibadan	2004 - 2007
-	Lecturer Grade II, University of Ibadan	2007 - 2010
-	Lecturer Grade I, University of Ibadan	2010 - 2015
-	Senior Lecturer, University of Ibadan	2015 - 2019
-	Reader, University of Ibadan	2019 - date

#### ii. Scholarships and Prizes in respect of Undergraduate and Postgraduate Work Only:

 Tutorial Assistantship, Department of Statistics, University of Ibadan, Ibadan
 Research Grant, Academic Staff Union of Universities (ASUU)
 2010

#### iii. Honours and Distinction

- (a) Travel grant, Inwent Germany to attend a Workshop on Measuring Progress: Statistics for MDGs Indicators- Poverty Analysis. Abuja, Nigeria. 9 13 November, 2009
- (b) Travel grant, Inwent Germany to attend a Workshop on Statistics for MDGs: Measuring HIV/AIDS and Malaria and their Socio-Economic Impacts. Accra, Ghana. 31 May 5 June, 2010.
- (c) Travel grant, Centre for Econometrics and Allied Research (CEAR) to attend the 15<sup>th</sup> Annual Conference of the African Econometrics Society, Cairo, Egypt. 7 9 July, 2010.
- (d) Travel grant, Centre for Econometrics and Allied Research (CEAR) to attend the 17<sup>th</sup> Annual Conference of the African Econometrics Society, Kampala, Uganda. 25 27 July, 2012.
- (e) Travel grant, World Bank Trust Fund for Capacity Building to attend the 60<sup>th</sup> World Statistics Congress, Rio de Janeiro, Brazil. 26 31 July, 2015.
- (f) Postdoctoral Fellowship, College of Science and Technology (CSET), University of South Africa, South Africa. May 2014 April 2015
- (g) Workshop on Building Capacity of Female Scientists in Data Analysis for Decision Making and Strategic Planning, Kwame Nkrumah University of Science and Technology, Laboratory of Interdisciplinary Statistical Analysis (KNUST-LISA), 04 08 November, 2019

(h) Visiting Fellowship, Department of Statistics, Florida International University, Miami, USA. April 29 – June 02, 2021.

## iv. Awards

## - Project Title: Using Statistics to Enhance Community-Based Waste Collection/Management System in Ibadan Metropolis, Oyo State, Nigeria

I served as a team member in the Transforming Evidence to Action Capacity in Higher Education (TEACH) project designed to "prime the pump" for transforming evidence to action for development. The project is being executed in partnership with Oyo State Ministry of Environment and Water Resources. The TEACH Fund is provided by the Laboratory for Interdisciplinary Statistical Analysis (LISA), University of Colorado Boulder, USA as a Sub-Award under the Cooperative Agreement 7200AA18CA00022. The value of the grant is worth **USD\$11,000**.

## - October 2018 - October 2019 Team Member Project Title: Enhancing Election Participation in Nigeria

Download Project Report https://www.lisaui.com/p/publication.html

I served as a team member in the UI-LISA project titled *Enhancing Election Participation in Nigeria*. The project was executed in collaboration with Independent National Electoral Commission (INEC) - The Electoral Institute (TEI). UI-LISA won the subcontract award (No. 1556944) from the University of Colorado Boulder Laboratory for Interdisciplinary Statistical Analysis (LISA) in cooperation with the U.S. Agency for International Development (USAID) under the Accelerating Local Potential (ALP) Program (Cooperative Agreement Number: 7200AA18CA00022). The value of grant was worth **USD \$57,200**.

# v. <u>Details of Teaching/Work Experience:</u>

## Teaching Experience

(i). <u>Undergraduate Level</u>

Course Code	<u>Title</u>	<u>% Taug</u>	<u>ht Year</u>
STA 131	Statistical Computing I	100%	2004/2005 - 2007/2008
STA 211	Probability I	50%	2007/08
STA 212	Introduction to Socio		
	-Economic Statistics	100%	2005/2006 - 2007/2008
STA 231	Statistical Computing II	100%	2004/2005 - 2007/2008
STA 312	Distribution Theory I	100%	2007/2008 - 2012/2013
STA 322	Regression & Anova I	100%	2009/2010 - date
STA 331	Statistical Computing III	100%	2004/2005 - 2007/2008

STA 342	Demography I	100%	2007/2008 - 2009/2010
STA 343	Operations Research I	100%	2004/2005 - 2008/2009
STA 351	<b>Biometrics Method</b>	100%	2008/2009 - 2011/2012
STA 415	Regression & Anova II	100%	2008/2009 - date
STA 459	Demography II	100%	2007/2008 - 2010/2011
STA 444	Econometrics	100%	2017/2018

#### (ii) Postgraduate Level

Course Code	<u>Title</u>	<u>% Tau</u>	<u>ght Year</u>
STA 722	<b>Operations Research</b>	100%	2009/2010 - 2011/2012
STA 724	<b>Biometrics Methods</b>	100%	2007/2008 - 2009/2010
STA 725	Demography	100%	2010/2011 - 2012/2013
			2016/2017 - date
STA 758	National Statistical	50%	2014/2015 - date
	Information System		
STA 711	Probability and	100%	2016/2017 - date
	Distribution Theory		
STA 773	Advanced Econometrics	100%	2016/2017 - date
ACC 709	Quantitative Analysis	100%	2021/2022 - date
ACC 805	Advanced Statistical Analysis	100%	2023/2024
Research Supervision			
Completed:			

(iii)

BSc - 73 MSc - 18PhD - 1

Ongoing:

BSc - 3

MSc - 4

 $M. \ Phil-2$ 

M.Phil/Ph.D-2

Ph.D-2

## Administrative Responsibilities within University of Ibadan

(i) Academic Secretary to the Department		2003-2007
(ii) Coordinator:	200 level	2003-2005
	300 level	2005-2006
	400 level	2009-2010
	700 level	2015 -2016
	Postgraduate Programmes	2016 -2018
(iii) Departmental Time-table Coordinator		2004-2012
(iv) Member, Facul	2004-2012	
(v) Member, Depar	2004-2015	
(vi) Member, Departmental Student Affairs Committee		2004- date
(vii) Member, Depar	2004- date	
(viii) Member, Departmental Finance Committee		2016- date
(ix) Member, Facul	ty of Science Industry Relation	2018- date
(x) Member, Faculty of Science Conference, Workshops and Lectures		

2023 - date

## v. Research

## **Project and Thesis**

- **Ojo, O. O. (2003).** Statistical Inference in Ifa Divination: A Dummy Variable Approach. MSc Project, University of Ibadan. 161pp.
- **Ojo, O. O. (2011).** Effects of Multicollinearity on Semiparametric Regression Models with Multivariate Responses. PhD Thesis, University of Ibadan. 143pp.

## Publications

- 1. Alaba, O. O. (2009). *Statistical Computing 1*. Distance Learning Centre, University of Ibadan, Nigeria: 124pp. ISBN 978-021-420-8.
- 2. Alaba, O. O. (2011). *Regression and Analysis of Variance*. Distance Learning Centre, University of Ibadan, Nigeria: 89pp. ISBN 978-021-944-7.
- 3. Akanbi, O. B. and Alaba, O. O. (2011). *Operations Research 1*. Distance Learning Centre, University of Ibadan, Nigeria: 124pp. ISBN 978-021-855-6.

- (a) <u>Chapters in Books already Published</u>:
- 4. Shangodoyin, D. K. and **Ojo, O. O.** (2005). Statistical Inference in Ifa Divination. In Falola T. and Genova A. (Eds.). *Orisa Yoruba Gods and Spiritual Identity in Africa and the Diaspora*. Africa World Press, Trenton. 75-85pp. ISBN 1-59221-373-1.
- Olubusoye, O. E., Alaba, O. O., Vance, E., Folorunso, S. and Akintande, O. J. (2021): Promoting and Sustaining a Virile Statistical Laboratory in Nigeria's Premier University: Lesson from UI-LISA Experience. In Awe, O.O, Vance, E. A., Love, K. Promoting Statistical Practice and Collaboration in Developing Countries. Chapman and Hall/CRC. ISBN: 9781003261148. 95-109pp.
- (b) <u>Articles that have already appeared in Refereed Conference Proceedings:</u>
- 6. **Alaba, O. O.** and Olaomi, J. O. (2015). Geo-additive Modelling of Family size in Nigeria. *Proceedings of the 60<sup>th</sup> World Statistics Congress of the International Statistical Institute*. 5240-5247pp. ISBN 978-90-73592-35-3.
- 7. Alaba, O. O. and Akinrelere, O. (2019): Tests for Aggregation Bias in Seemingly Unrelated Regression with Unequal Observations. *Proceedings of the 18<sup>th</sup> ISTEAMS Multidisciplinary Cross-Border Conference*. 239- 248pp.
- (c) <u>Articles that have already appeared in Learned Journals:</u>
- 8. Usman, Y. B. and Alaba, O. O. (2008). The Defects of the Vital Registration System and its Effect on the Formulation and Management of Health Policy in Nigeria. *Journal of Social and Policy Issues* Vol. 5. No. 3: 77-80.
- 9. C .G., Osowole, Obisesan, K. O., Udomboso, O. I., Alaba, O. **O.** (2008): Likelihood On the Maximization of the Function against Logarithmic West Transformation. African Journal of **Biophysics** and Biomathematics. Vol. 1: 33-45.
- 10. **O. O. &** Olubusoye, О. E. (2009): Justification of the Alaba, А Simple Multivariate Generalized Linear Models for Child Nutritional Status. Global Journal of Mathematics and Statistics. Vol. 1, No. 1: 51-56.
- 11. Ojo, S. O., Enwereonye, O. N. and **Alaba, O. O.** (2009). Critical Review of Maternal Mortality Rate in Oyo State, Nigeria. *Journal of Social Policy and Society*.Vol. 4. No. 1: 108-110.
- 12. Alaba, O. O., Olubusoye, O. E. and Ojo, S.O. (2010). Efficiency of Seemingly Unrelated Regression Estimator over the Ordinary Least Squares. *European Journal of Scientific Research*. Vol.39 No.1: 153-160.
- 13. Ayinde, K., Apata, E. O. and **Alaba, O. O**. (2012). Estimators of Linear Regression Model and Prediction under Some Assumptions Violation. *Open Journal of Statistics*. Vol. 2: 534 -546.
- 14. Olubusoye, O. E., **Alaba, O. O.** and Oranye, H. E. (2013). Cubic Smoothing Spline on some Selected Blood Pressure Variables. *Journal of Science Research*. Vol. 12: 299 304.

- 15. **Alaba, O. O.**, Olubusoye, O. E. and Oyebisi, O. R. (2013). Cholesky Decomposition of Variance-Covariance Matrix Effect on the Estimators of Seemingly Unrelated Regression Model. *Journal of Science Research*. Vol. 12: 371 – 380.
- 16. Alaba, O. O., Olubusoye, O. E. and Korter, G. (2014). Spatial Dependencies in Under-Five Mortality Rates in Nigeria using Proximate Environmental and Maternal Determinants. *Journal of Nigerian Statistical Association* Vol. 26: 127 143.
- Alaba, O. O. (2015). Sensitivity of Hyperparameters to Prior Distribution: Exploratory Study of Discontinuity of Family Planning in Uganda. *Indian Journal of Innovations and Developments* Vol. 4. No. 3: 1 – 11.
- Alaba, O. O. (2015). Modeling Determinants of Discriminatory Attitude towards HIV/AIDS Patients in Zambia: A Generalized Additive Mixed Model. West African Journal of Industrial and Academic Research Vol. 13. No. 1:71 - 81.
- 19. **Alaba, O. O.**, Olaomi, J. O. and Olubusoye, O. E. (2015). Spatial Pattern of Unmet Need of Family Planning in Nigeria. *South African Family Practice Journal*. Vol. 57. No. 5: 306 312.
- 20. Alaba, O. O. (2015). Discontinuity of Family Planning in Nigeria: A Geo-Additive Model Approach. *West African Journal of Industrial and Academic Research* Vol. 14. No. 1: 61 70.
- 21. Lukman, A. F., Ayinde, K., Alaba, O. O and Arowolo, O. T. (2015). Nigerian Economic Growth and Government Expenditure: A Disaggregated Analysis and Two Stage Ridge Regression Approach. *Science Focus* Vol. 20. No. 2: 29-34.
- 22. Korter, G. O., Olubusoye, O. E., Alaba, O. O, and Omolehin, J. O. (2016). Investigation of Under-five Mortality Rate using Moran's Index. *Abacus*, Vol. 43. No. 2: 200 214.
- 23. Alaba, O. O., Olubusoye, O. E. and Olaomi, J. O. (2017). Spatial Patterns and Determinants of Fertility Levels among Women of Childbearing Age in Nigeria. *South African Family Practice Journal*. Vol. 59. No. 4: 143 -147.
- 24. Arnab, R., Alaba, O. O. and Olaomi, J. O. (2017). Exploratory Study on Factors Associated with Stigmatisation of People Living with HIV/AIDS in Botswana: *Pula: Botswana Journal of African Studies*, Vol. 31. No. 2: 76-85.
- 25. Olalude, A. O., Olubusoye, O. E. and **Alaba, O. O.** (2017). Bayesian Semiparametric Modelling of Stunting in Nigeria. *Futa Journal of Research in Sciences*, Vol. 13. No. 2: 276 285.
- 26. Okewole, D. M. and Alaba, O. O. (2018). Involvement of Private Universities in Statistical Education in Nigeria: Prospects and Challenges. *International Journal of Advancement in Development Studies*, Vol. 14. No. 1: 37-43.
- Oke, O., Okewole, D. M., and Alaba, O. O. (2018). Determining Model Adequacy for a Trivariate Seemingly Unrelated Regression Model. *Journal of Science and Technology Research* Vol. 15. No. 1: 26 33.
- 28. Olaomi, O., Okewole, D. M., and Alaba, O. O. (2018). Decomposed Triangular Matrices on the Estimators of Unequal Observations of Seemingly Unrelated Regression. *Journal of the Nigerian Association of Mathematical Physics* Vol. 45. No. 1: 181 186.

- 29. Okewole, D. M., Onanaye, A. S. and **Alaba, O. O.** (2018). Assessment of Statistical Analysis as a Tool for Interdisciplinary Research. *Journal of Science and Technology Research* Vol. 15. No. 1: 164 170.
- 30. Adepoju, A. A., **Alaba, O. O.** and Ogundunmade, T. P. (2018). Bayesian Estimation of Simultaneous Equation Model with Lagged Endogenous Variables and First Order Serially Correlated Errors. *Global Journal of Pure and Applied Sciences* Vol. 24: 235-244.
- Alaba, O. O. and Lawal, A. A. (2019). Bootstrap Bartlett Adjustment on Decomposed Variance-Covariance Matrix of Seemingly Unrelated Regression Model. *Afrika Statiska* Vol 14. No. 1: 1891 – 1902.
- Lawal, A. and Alaba, O. O. (2019). Exploratory Analysis of Some Sectors of the Economy: A Seemingly Unrelated Regression Approach. *African Journal of Applied Statistics*. Vol. 6. No. 1: 649 – 661.
- 33. Alaba, O. O. Adepoju, A. A. and Olaomi, O. (2019). Seemingly Unrelated Regression with Decomposed Variance-Covariance Matrix: A Bayesian Approach. *Journal of the Nigerian Association of Mathematical Physics* Vol. 51: 137 144.
- 34. **Alaba, O.O** and Godwin, C. (2019). Bayesian Hierarchical Modelling of Infant Mortality in Nigeria. *Global Journal of Pure and Applied Sciences*. Vol. 25: 175 183.
- 35. **Alaba, O. O.**, Olubusoye, O. E. and Baiye, E. O. (2019). Handling Overdispersion and Excess Zeros in Fertility Data. *Futa Journal of Research in Sciences*, Vol. 15(2): 314 322
- 36. **Alaba, O.O.** (2020). A Bayesian Approach to the Sensitivity of Parameters Misspecification in the Seemingly Unrelated Regression Models. *AIMS Research Journal*. Vol. 6. No. 1: 133-152.
- 37. Alaba, O.O. and Lawal, A. (2020). Comparative Study of the Efficiency of Some Shrinkage Estimators on the Seemingly Unrelated Regression Model. *Journal of Advances in Mathematical and Computational Sciences*. Vol. 8. No. 2: 93-114.
- 38. Ibikunle, P. O., **Alaba, O. O**., Ojo. O. O., and Okewole, D. M. (2021): Power of Forecast Models Using Artificial Neural Networks (ANNs) and Multiple Linear Regression. *Transactions of the Nigerian Association of Mathematical Physics*. Volume 16, (July–Sept. 2021 Issue): 315–324.
- 39. Olanrewaju, R., **Alaba, O.**, Oyelude, F., and Ajobo, S. (2021): Modification of Price Performance Analytics: A Beta-G Family of Distributions, *Journal of Advanced Studies in Finance*, Volume XII, Winter, 2(24): 87-103.
- 40. Olalude OA, Muse BO and **Alaba OO** (2022): Informative Prior on Structural Equation Modelling with Non-homogenous Error Structure. *F1000Research* 11:494.
- 41. **Alaba, O.O,** and Kibria, Golam (2023): The Efficiency of the K-L Estimator for the Seemingly Unrelated Regression Model: Simulation and Application. *Journal of the Nigerian Society of Physical Sciences* Vol.5. No. 3: 1 10.
- 42. Alaba, O. O. and Muse, B. O. (2023): Spatio-temporal Exploratory Analysis of Determinants of Consumption Level of Renewable Energy in the ECOWAS Member States. *The Seybold Report*. Vol. 18. No. 7: 484 495.

- 43. Alaba, O.O. and Muse, B. O. (2023): Spatial Pattern of Unemployment in the ECOWAS Member States: A Panel Data Analysis Approach. *Journal of Behavioural Informatics, Digital Humanities and Development Research.* Vol. 9. No. 1: 35-48.
- 44. Ajobo, S, Alaba, O. O. and Zaenal, A. (2024): Generalised Space-Time Seasonal Autoregressive Integrated Moving Average Seemingly Unrelated Regression Modelling of Seasonal and Nonstationary Data in West Africa. *Scientific* African. DOI: <u>10.1016/j.sciaf.2024.e02189</u>

#### Technical Reports and Monographs:

 Olubusoye, O. E., Idris, S.U., Bamiduro, T.A., Adepoju, A. A., Sani, I., Alaba, O.O., Folorunsho, S., Akintande, O.J., Ogundunmade, T. P. (2020): Enhancing Election Participation in Nigeria. University of Ibadan Laboratory for Interdisciplinary Statistical Analysis. ISBN:978-978-8550-07-5.

## v. <u>Recent Conferences Attended with Papers Read</u>

- (a) 60<sup>th</sup> World Statistics Congress, 26 31 July, 2015, Rio de Janeiro, Brazil.
  Paper Read: Alaba, O.O. and Olaomi, J. O.: Geo-additive Modelling of Family Size in Nigeria.
- (b) Training Workshop on Statistical Analysis of Laboratory Data and Quality Control for Nigerian Institute of Science and Laboratory Technologist (NISLT), 22 – 26 April, 2019, Nigeria.
   Paper Read: Alaba, O.O.: Statistical Methods in Laboratory Experiment.
- Journal Club Presentation, University of Ibadan Collaborative Academic Resuscitation and Transformation (UI-CART) Project in Science and Technology, 16 May, 2019, University of Ibadan, Nigeria.
   Paper Read: Alaba, O. O.: On Spatial Analysis of Choice of Place of Delivery in Nigeria by Ezra Gayawan.
- (d) Sage Day 102 Workshop, University of Ibadan, Nigeria. 15 19 July, 2019.
- (e) 18<sup>th</sup> ISTEAMS, Multidisciplinary Cross- Border Conference, 28 30 July, 2019, Accra, Ghana.
  Paper Read: Alaba, O. O. and Akinrelere, O.: Tests for Aggregation Bias in Seemingly Unrelated Regression with Unequal Observations.
- (f) LISA2020 Global Network, Connecting to Build Capacity to Transform Evidence into Action and Celebrating the International Year of Women in Statistics and Data Science. Obafemi Awolowo University, Nigeria. 8 – 9 December, 2020.
- (g) Modern Research Bioethics, University of Ibadan, Nigeria. 26 27 April, 2023.
- (h) 1<sup>ST</sup> International Conference on Statistical Theory, Methods and Applications, University of Nigeria, Nsukka, Nigeria, 27 28 April, 2023.
  Paper Read: Alaba, O.O. and B. M. Golam Kibria: The Efficiency of the K-L Estimator for the Seemingly Unrelated Regression Model: Simulation and Application.
- (i) 36th Accra Bespoke Multidisciplinary Innovations Conference, University of

Ghana, Legon, Accra Ghana. May 31 – June 2, 2023. **Paper Read**: **Alaba, O. O.** and Muse, B. O.: Spatial Pattern of Unemployment in the ECOWAS Member States: A Panel Data Analysis Approach.

- (j) 64<sup>th</sup> World Statistics Congress (Virtual), Ottawa, Canada. 16 20 July, 2023.
  Paper Read: Women Waste Scavengers in Three Selected African Countries: The Challenges and Opportunities.
- (h) Chartered Institute of Statistician of Nigeria (CISON) Webinar, September 5, 2023.
  Paper Read: Geospatial Modelling and Application to Disease Mapping, Health and Development Indicators using R-INLA.

#### **REFEREES:** Available on request