



1. **NAME:** SOYINKA, AJIBOLA TAIWO  
**STATUS:** LECTURER II

2. **PROFILE:**

Soyinka Ajibola T. is currently a lecturer at the Department of Statistics, Federal University of Agriculture Abeokuta, Nigeria (FUNAAB). Taiwo got his PhD (Statistics) at the Obafemi Awolowo University, Nigeria in 2019 on “Theory and Applications of Order Statistics from Exponential Power Distribution”. He has interest in using mathematical and statistical techniques in the robust explanation of medical problems. This he has demonstrated with some of his publications, in the area of Distribution Theory, Statistical Inference with its Applications in modeling medical problems, being recognized and given publicity by highly rated peer reviewed Journals:

<https://scholar.google.com/citations?hl=en&pli=1&user=ckmNhbsAAAAJ>,  
<https://www.scopus.com/authid/detail.uri?authorId=57208532863>.

Before Dr. Soyinka joined FUNAAB in 18-12-2017, he was a Senior Research Officer at the Federal Neuro-psychiatric Hospital Aro (FNPH-Aro). He was in FNPH-Aro between 01-04-2009 and 15-12-2017. During this period, he worked closely with medical and para-medical professionals. Dr. Soyinka has collaborated-works published in rated Journal(s) and also published an important work on sample size calculation in clinical trials: which is a problem in medical research. He has presented papers in both local and international conferences.

Dr. Soyinka is a member of Nigerian Statistical Association.

He is married with children.

3. **OFFICIAL EMAIL ADDRESS:** [soyinka@funaab.edu.ng](mailto:soyinka@funaab.edu.ng)

#### 4. **CURRICULUM VITAE**

##### 01. **PERSONAL**

- (i) Name in Full: SOYINKA Ajibola Taiwo
- (ii) Date of Birth: 13th December, 1982.
- (iii) Place of Birth: Abeokuta
- (iv) Age: 38 years
- (v) Sex: [Male](#)
- (vi) Marital Status: Married
- (vii) Nationality: Nigerian
- (viii) Town and State of Origin: Abeokuta, Ogun State
- (ix) Contact Address: Department of Statistics, Federal University of Agriculture, PMB 2240 Abeokuta, Ogun State.
- (x) Phone Number: +2348038220589
- (xi) E-mail Address: soyinka@funaab.edu.ng
- a. (xii) Present Post : **Lecturer II, CONUASS 03 Step 02**
- b. (xiii) Post on Promotion: Lecturer I

##### 02. **EDUCATIONAL BACKGROUND**

###### (i) **Educational Institutions Attended (with dates)**

- (a) **Federal University of Agriculture Abeokuta Ogun State (B.Sc.)** **2002-2006**
- (b) Federal University of Agriculture Abeokuta Ogun State (M.Sc.) 2009-2013
- (c) **Obafemi Awolowo University Ile-ife Osun State (Ph.D)** **2015-2019**

###### (ii) **Academic and Professional Qualifications (with dates)**

- (a) **Bachelor of Science (B.Sc.) Statistics** **2006**
- (b) **Master of Science (M.Sc.) Statistics** **2013**
- (c) **Doctor of Philosophy (PhD) Statistics** **2019**

(iii) Prizes, Honours and Scholarshi

Nil

**03 WORK EXPERIENCE**

**(a) University Teaching**

(i) Lecturer II, October 2019 - till Date, at **Federal University of Agriculture Abeokuta, Ogun State, Nigeria.**

(ii) **Assistant Lecturer, December 2017 – To September 2019, Federal University of Agriculture Abeokuta, Ogun State, Nigeria.**

**(b) Professional Working Experience:**

(i) Senior Research Officer, April 2016 – To December 2017, Federal Neuro-psychiatry Hospital Aro, Abeokuta, Ogun state, Nigeria.

(ii) Research Officer I, April 2013 – To March 2016, Federal Neuropsychiatry Hospital Aro, Abeokuta, Ogun state, Nigeria.

(ii) Research Officer II, April 2009 – To March 2013, Federal Neuropsychiatry Hospital Aro, Abeokuta, Ogun state, Nigeria.

**(c) Details of Teaching at University Level**

| <b>ACADEMIC SESSION</b> | <b>SEMESTER</b> | <b>COURSES</b> | <b>CREDIT UNIT(S)</b> | <b>STUDENT POPULATION</b> | <b>NUMBER OF LECTURER(S)</b> |
|-------------------------|-----------------|----------------|-----------------------|---------------------------|------------------------------|
| <b>2016/2017</b>        | 2nd             | STS 498        | 6                     | 60                        | 8                            |
| <b>2017/2018</b>        | 1st             | STS 201        | 3                     | 2200                      | 8                            |
|                         |                 | STS 181        | 3                     | 250                       | 2                            |
|                         |                 | STS 381        | 3                     | 60                        | 2                            |
|                         |                 | STS 415        | 3                     | 20                        | 2                            |

|                  |     |         |   |      |    |
|------------------|-----|---------|---|------|----|
|                  | 2nd | STS 112 | 3 | 250  | 2  |
|                  |     | STS 192 | 3 | 250  | 2  |
| <b>2018/2019</b> | 1st | STS 201 | 3 | 3000 | 8  |
|                  |     | STS 181 | 3 | 500  | 2  |
|                  |     | STS 213 | 3 | 150  | 2  |
|                  |     | STS 325 | 3 | 100  | 2  |
|                  | 2nd | STS 122 | 3 | 150  | 1  |
|                  |     | STS 454 | 4 | 60   | 2  |
| <b>2019/2020</b> | 1st | STS 201 | 3 | 3200 | 10 |
|                  |     | STS 181 | 3 | 475  | 2  |
|                  |     | STS 213 | 3 | 116  | 2  |
|                  |     | STS 305 | 2 | 116  | 1  |
|                  |     | STS 381 | 3 | 116  | 1  |
|                  |     | STS 413 | 2 | 60   | 1  |
|                  |     | STS 497 | 1 | 60   | 10 |
|                  | 2nd | STS 112 | 3 | 300  | 3  |
|                  |     | STS 212 | 3 | 150  | 3  |

**(d) Students Supervision**

**(i) Undergraduate:** Twelve (12) B.Sc. Projects

**(ii) Postgraduate:** Two (2) MSc Thesis

**04. Special Assignments/Community Service**

(i) Member, College of Physical Sciences Students' Welfare Committee. March 2021-  
Till Date

(ii) Member, Post Graduate Committee, Department of Statistics. September 2019-  
Till Date

(iii) Member, College of Physical Sciences Board. December 2017 – Till Date

(iv) Coordinator, Undergraduate and Postgraduate Students' Seminar. February  
2020-Till Date

(v) Departmental Secretary. October 2018 – Till Date

(vi) President: National Association of Statistics Students, FUNAAB Chapter. 2005 –  
2006

**05 TRAINING PROGRAMME ATTENDED (with dates)**

**Digital Bridge Institute:** Advance Digital Appreciation Programme for Tertiary

Institutions (ADAPTI) Training in the Federal University of Agriculture, Abeokuta held  
on 9th July to 13th July 2018.

**06. COMMENDATION:** Nil

**07. MEMBERSHIP OF PROFESSIONAL BODY**

(i) Member International Biometric Society (IBS, Group Nigeria) 2014.

(ii) Member Nigerian Statistical Association 2014. Membership No: 2014003

**08. RESEARCH INTEREST OR COMMISSIONED PROJECTS**

(a) **Research in Progress**

- (i) Properties of Discrete Johnson Systems of Distribution with applications.
- (ii) Improved maximum likelihood estimators of the parameters of the log-exponential power distribution with applications.

**09. PUBLICATIONS**

(a) **Thesis and Dissertation**

- 07. **Soyinka, A.T.** (2006). Discrimination and Classification of Poultry eggs from birds fed with organic and in-organic copper feeds. A project submitted in partial fulfilment of award of B.Sc. Mathematical Sciences (Statistics Option), to the Department of Mathematical Sciences, Federal University of Agriculture Abeokuta, Ogun State, Nigeria.
- 08. **Soyinka, A.T.** (2013). A Fourier Series Approach Sequence-Based Clustering to minimize clustering uncertainty. A Dissertation submitted in partial fulfilment of award of M.Sc. Statistics, to the Department of Statistics, Federal University of Agriculture Abeokuta, Ogun State, Nigeria.
- 09. **Soyinka, A.T.** (2019). Theory and applications of order statistics for the exponential power distribution. A Thesis submitted in partial fulfilment of award of Ph.D. Statistics, to the Department of Mathematics, Obafemi Awolowo University, Ile-Ife, Osun state, Nigeria.

(b) **Journal articles in Print**

- \*1. A. A. Olosunde and **A. T. Soyinka** (2021). Implementation of Multivariate Exponential Power Distribution in Discrimination and Classification of Psychological Data and Other applications. *Journal of Education, Society and Behavioural Science*, 34(5): 23-34, Published by SCIENCEDOMAIN International. Available online. <https://doi.org/10.9734/JESBS/2021/v34i530327>. Indexed in Publon.
- \*2. **A.T. SÓYÍN KÁ**, A.A. OLÓ SUNDE, A.O. WÁLÉ-ORÒ JO and K.M. YUSUFF (2021). Order statistics approach to estimating missing data in flexible elliptical processes. *Transactions of the Nigerian Association of Mathematical Physics*, Vol. 14, Issue 1, 111-116, Published by Nigerian Association of Mathematical Physics.

- \*3. **A. T. Soyinka** and A. A. Olosunde (2020). Inferences from Asymmetric Multivariate Exponential Power Distribution. *Journal of Indian Statistical Institute Sankhya B*, Vol. 82, Issue 2, 1-21, Published by Indian Statistical Institute. Available online at <https://doi.org/10.1007/s13571-020-00235-w>. Indexed in Scopus.
- \*4. Wale-Orojo O. A., **Soyinka A.T.**, Apantaku F. S., Atanda O. D. and Akintunde A. A (2020). Modeling categorical data in frequency domain via mutual information approach. *Anale. Seria Informatică*, Vol. 18, Issue 2, 64-68, Published by Tibiscus University of Timisoara. Available online at <http://anale-informatica.tibiscus.ro/download/lucrari/Vol18/18-2-09-Oluwaseun.pdf>. Indexed in GoogleScholar.
- \*5. A.A. Akintunde; S.O.N. Agwuegbo; O.M. Olayiwola; G.A. Dawodu; **A.T. Soyinka**; and O.A. Wale-Orojo (2020). [Sine Diffusion Model for Nonlinear Dynamical Systems](#). *Pacific Journal of Science and Technology*, Vol. 21, Issue 2, 152-158, Published by Akamai University USA. Available online at <http://www.akamaiuniversity.us> > PJST21\_2\_152. Indexed in GoogleScholar.
- \*6. A.A. Olosunde and **A.T. Soyinka** (2020). Discrimination and Classification model from Multivariate Exponential Power Distribution. *Electronic Journal of Applied Statistical Analysis*, Vol. 13, Issue 2, 284-292, Published by Universita Del Salento. Available online at <http://siba-ese.unisalento.it/index.php/ejasa/article/view/19847>. Indexed in Scopus.
- \*7. [A.T. Soyinka](#), [A.A. Olosunde](#), [F.S. Apantaku](#), [A.A. Akintunde](#) and [O.A. Wale-Orojo](#) (2020). [On the Parameter Estimation of Johnson's System of Distribution](#). *Benin Journal of Statistics*, Vol. 3, 82-90, Published by University of Benin, Department of Statistics. Available online at <https://srg-uniben.org> > pdf > [6 Soyinka](#).
- \*8. O.E. Asiribo, T.M. Mabur and **A.T. Soyinka** (2019). On the Lomax-Kumaraswamy distribution. *Benin Journal of Statistics*, Vol. 2, 107-120, Published by University of Benin, Department of Statistics. Available online at <https://www.bjs-uniben.org/wp-content/uploads/2021/06/Soyinka.pdf>.
- \*9. [A.A. Olosunde](#), [A. T. Soyinka](#) (2019). Interval Estimation for Symmetric and Asymmetric Exponential Power Distribution Parameters. *Journal of the Iranian*

*Statistical Society, Vol. 18, Issue 1, 237-252, Published by Iranian Statistical Society. Available online at DOI: [10.29252/JIRSS.18.1.237](https://doi.org/10.29252/JIRSS.18.1.237). Indexed in Scopus.*

- \*10. A. A. Olosunde and A. T. Soyinka (2018). On Interval Estimation for Exponential Power Distribution Parameters. *Journal of Data Science, Vol. 16, 93-104, Published by Renmin University of China. Available online at DOI: [10.6339/JDS.201801\\_16\(1\).0006](https://doi.org/10.6339/JDS.201801_16(1).0006). Indexed in GoogleScholar.*
- \*11. Soyinka A. Taiwo\* and Oladunni O.F. Ololade (2018). Modeling the effect of Antipsychotic Drugs on body weight of psychiatric patients. *Sri Lankan Journal of Applied Statistics (SLJAS), Vol. 19, Issue 3, 64-75, Published Institute of Applied Statistics Srilanka (IASSL). Available online at DOI: <http://doi.org/10.4038/sljastats.v19i3.8044>. Indexed in GoogleScholar.*
- \*12. Afis A. Agboola ,Oluwaseun T. Esan , Oluwasegun T. Afolabi , Taiwo A. Soyinka , Adedunmola O. Oluwaranti , Adeniji Adetayo (2018). Economic burden of the therapeutic management of mental illnesses and its effect on household purchasing power. *PLoS ONE, Vol. 13, Issue 9, e0202396, Published by Public Library of Science. Available online at DOI: 10.1371/journal.pone.0202396. Indexed in Scopus.*
- \*13. A. T. Soyinka, A. A. Olosunde (2017). A Note On Order Statistics from Exponential Power Distribution. *International Journal of Algebra and Statistics, Vol. 6, Issue 1, 138-143, Published by Modern Science Publishers. Available online at <http://www.m-sciences.com>, DOI: [10.20454/ijas.2017.1269](https://doi.org/10.20454/ijas.2017.1269). Indexed in GoogleScholar.*
- \*14. A.T. Soyinka, A. A. Olosunde, O.E. Asiribo (2017). On Mutual Information for Elliptical Distributions: A Case of Nonlinear dependence of ‘n’ vectors. *Sri Lankan Journal of Applied Statistics (SLJAS), Vol. 18, Issue 1, 19-34, Published Institute of Applied Statistics Srilanka (IASSL). Available online at DOI: [10.4038/sljastats.v18i1.7931](https://doi.org/10.4038/sljastats.v18i1.7931). Indexed in GoogleScholar.*
- 15. Uchenna Ogoke, Etelbert Nduka, Taiwo Soyinka (2017): The Trend of Mood Disorder by Gender. *Biometrics & Biostatistics International Journal, Vol. 5, Issue 1, 1-4. Available online at DOI: [10.15406/bbij.2017.05.00120](https://doi.org/10.15406/bbij.2017.05.00120). Indexed in GoogleScholar*
- 16. Soyinka A.T. (2016): Generalizing Sample Size of Normally Distributed Samples Using Generalized Exponential Power Distribution. *Journal of the Nigerian Statistical Association, Vol. 28, 74-78, Published by Nigerian Statistical Association. Available online at <https://nsang.org/journalpaper-11.html>. Indexed in GoogleScholar.*



17. Uchenna Ogoke, Etelbert Nduka, **Taiwo Soyinka (2016)**: Cubic Spline Regression: An Application to Early Bipolar Disorder Dynamics. **Open Journal of Statistics, Vol. 6, 1003-1009**. Available online at DOI: [10.4236/ojs.2016.66080](https://doi.org/10.4236/ojs.2016.66080). Indexed in GoogleScholar
18. **Soyinka A.T**, Olosunde A.A, Asiribo O.E. and Sonloye Seyi (2013). Closed Form Solution Of Paired Objects Similarity: A Fourier series Approach. **Journal of Mathematical Sciences, Vol. 24, Issue 3, 161-168**, Published by International Centre for Advance Studies Available online at <http://icfas.net/p/f4b9ec30ad9f68f89b29639786cb62ef>. Indexed in GoogleScholar.
19. Olosunde A.A and **Soyinka A.T (2013)**: Discrimination and classification of poultry feed data. **International Journal of mathematical research, Vol. 2, Issue 5, 37-44**. Available online at [http://www.aessweb.com/pdf-files/ijmr%20\(5\),%2037-44.pdf](http://www.aessweb.com/pdf-files/ijmr%20(5),%2037-44.pdf). Indexed in GoogleScholar

\*paper added since employment

(c) **Journal Article Accepted for publication:** Nil

(d) **Book:** Nil

(e) **Book article or chapter:** Nil

(f) **Edited conference proceeding:**

**A.T. Soyinka**, A.A. Olosunde, O.A. Wale-Orojo, O.D. Atanda (2019). Properties of Generalised Johnson Systems of Distribution with applications in modeling and prediction of life birth. 15th International Conference on Electronics, Computer and Computation (ICECCO), Publisher IEEE, Pages 1-8.

<https://ieeexplore.ieee.org/document/9043273/metrics#metrics>.

Indexed in Scopus.

**Soyinka Taiwo**, Oyetola Shola, Akinhanmi Akin (2013). Modelling Job Satisfaction and Age Using a Composite Function of Gamma and Power Transformation Function. Nigeria Statistical Association Annual Conference 9th – 13th September, page 288-295.

## 10. MAJOR CONFERENCES ATTENDED WITH DATE

- i) **A.T. Soyinka**, A.A. Olosunde, O.A. Wale-Orojo, O.D. Atanda (2019). Properties of Generalised Johnson Systems of Distribution with applications in modeling and prediction of life birth. 15th International Conference on Electronics, Computer and Computation (ICECCO), Publisher IEEE, Pages 1-8. <https://ieeexplore.ieee.org/document/9043273/metrics#metrics>. Indexed in Scopus.

- ii) Uchenna Ogoke, Etelbert Nduka, **Taiwo Soyinka (2016)**. International Biometric Society Conference 10th – 15th July, 2016 Victoria, B.C. Canada. “The Trend of Mood Disorder by Gender”.

**11. INFORMATION ON FELLOWSHIP, MASTER’S PROJECTS AND PH.D. THESIS SUPERVISED**

**12. EXTRA CURRICULA ACTIVITIES**

**Walking, reading books and watching football.**

**13. REFEREES**

**(i) Prof. T. O. Obilade,**

Department of Mathematics,  
Obafemi Awolowo University Ile-ife,  
Osun-State.

[tobilade@yahoo.com](mailto:tobilade@yahoo.com)

(+2348034059544)

**(ii) Prof. O. J. Adeniran,**

Department of Mathematics,  
Federal University of Agriculture Abeokuta,  
Ogun-State.

[adeniranoj@unaab.edu.ng](mailto:adeniranoj@unaab.edu.ng)

(+2348033194406)

**(iii) Dr. A. A. Olosunde,**

Department of Mathematics,  
Obafemi Awolowo University Ile-ife,

Osun-State.

akinosunde@gmail.com

**(+2348034203960)**

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**Signature**

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**Date**