



**OGBEIDE, EFOSA MICHAEL
OREDO, BENIN-CITY
DEPARTMENT OF MATHEMATICS
FACULTY OF PHYSICAL SCIENCES
AMBROSE ALLI UNIVERSITY, EKPOMA
CURRENTLY SENIOR LECTURER**

DR. OGBEIDE research interest spans over 15 years.

He has particular interest in Mathematical Statistics, Non-parametric statistics, density estimation and data mining techniques. He was made a Senior Lecturer in 2017.

He has published some peer-reviewed articles in his research work locally in Nigeria and internationally. He is a member of the following professional bodies/association.

1. MEMBER, NIGERIAN STATISTICAL ASSOCIATION (N.S.A).
2. MEMBER, MATHEMATICS ASSOCIATION OF NIGERIA (MAN)
3. MEMBER, NIGERIAN RED CROSS SOCIETY.
4. MEMBER, STATISTICS RESEARCH GROUP, UNIVERSITY OF BENIN, BENIN CITY, NIGERIA.
5. MEMBER, INSTITUTE OF STATISTICS EDUCATION, IN USA.
6. MEMBER CORPORATE ADMINISTRATION INSTITUTE (NIGERIA) (DIRECT PROFESSIONAL MEMBERSHIP AWARD)
7. MEMBER, POPULATION ASSOCIATION OF NIGERIA

He was employed May 2008 as an Assistant Lecturer in the University.

Dr. has contributed to peer reviewed publication such as Faculty of Physical Sciences Journal, Ambrose Alli University, Ekpoma. Nigeria
He has over 35 research publications both local and international papers.

His Responsibilities include teaching and research in the undergraduate and post graduated programmes. Also he was a Departmental Time-table officer for over six (6) years and Chairman, Faculty Time Table for over three (3) years, Departmental Welfare officer, Departmental Students Staff Adviser and the Under Graduate

Students Seminar Coordinator. He served as the Sub- Dean for two (2) years from 2018 to 2020 in the Faculty of Physical Sciences

C. Qualifications

Ph.D Industrial Mathematics (Statistics Option), University of Benin, Nigeria (2016)

M.Phil. Industrial Mathematics, University of Benin, Nigeria (2012)

M.Sc. Industrial Mathematics, University of Benin, Nigeria (2005)

Foundation Post Graduate Certificate Course (Algebra), National Mathematical Centre, Abuja, Nigeria. May (2002)

B.Sc (ED) Mathematics, Ambrose Alli University, Ekpoma, Nigeria (2000).

D. Research focus:

- Mathematical Statistics and probability
- Non-parametric statistics, density estimation and data mining techniques
- Demography, Survey, Quality control, and Re-sampling Statistics

E. Professional Affiliation:

- MEMBER, NIGERIAN STATISTICAL ASSOCIATION (N.S.A).
- MEMBER, MATHEMATICS ASSOCIATION OF NIGERIA (MAN)
- MEMBER, STATISTICS RESEARCH GROUP, UNIVERSITY OF BENIN, BENIN CITY, NIGERIA.
- MEMBER, INSTITUTE OF STATISTICS EDUCATION, IN USA.

F. Social/community engagements:

MEMBER, NIGERIAN RED CROSS SOCIETY.

G. Publications

1. **OGBEIDE, E.M:** THE CHALLENGES ON MATHEMATICS EDUCATION IN PRIMARY AND TEACHERS EDUCATION (P.T.E), **(2005)**.
THE NIGERIAN JOURNAL OF TEACHER EDUCATION AND TEACHING.
VOL.1.NO.2, PP 57 – 62.
2. **OGBONMWAN, S.E. AND OGBEIDE, E.M:** ESTIMATION OF CONFIDENCE INTERVAL: BOOTSTRAP AND PERMUTATION APPROACHES. **(2008)**.

PROCEEDING OF MATHEMATICAL ASSOCIATION OF NIGERIA (2008), PP 16 – 22. PUBLISHED

BY MATHEMATICAL ASSOCIATION OF NIGERIA. (MAN) NIGERIA. UNIVERSITY OF ILLORIN, NIGERIA.

- 3. ERIMAF A J.T. AND OGBEIDE, E.M:** A QUICK APPROACH TO THE EVALUATION OF TWO SAMPLE OBSERVATION DATA USING CORRELATION COEFFICIENT **(2008)**.
JOURNAL OF ENGINEERING SCIENCE AND APPLICATION (JESA). VOL. 5. NO1 AND 2. PP 62 – 69. PUBLISHED BY FACULTY OF ENGINEERING AND TECHNOLOGY, AMBROSE ALLI UNIVERSITY EKPOMA, NIGERIA.
- 4. ERIMAF A J.T. AND OGBEIDE, E.M:** APPLICATION OF KOLMOGOROV-SIMIROV TEST ON KNOWLEDGE AND ATTITUDINAL DISPOSITION OF NIGERIA TEACHING HOSPITALS HEALTH WORKERS TOWARDS PEOPLE LIVING WITH HIV/AIDS. **(2008)**
VOL. 2; No 4, PP 41-44. JOURNAL OF ADVANCEMENT IN MEDICAL AND PHARMACEUTICAL SCIENCES. PUBLISHED BY INTERNATIONAL RESEARCH AND DEVELOPMENT JOURNALS.
IMO STATE UNIVERSITY, OWERRI. NIGERIA.
- 5. OGBEIDE, E.M:** A COMPARATIVE STUDY OF MATHEMATICS EDUCATION IN NIGERIA AND CHINA EDUCATION SYSTEM; SIMILARITIES AND BENEFITS DERIVABLE FROM CHINESE APPROACHES **(2008)**.
NIGERIAN JOURNAL OF TEACHER EDUCATION AND TEACHING, VOL 5. NO2. PP 113 – 118. UNIVERSITY OF JOS, NIGERIA.
- 6. OGBEIDE, E.M:** THE TEACHERS ROLE IN CURBING EXAMINATION MALPRACTICES IN NIGERIAN SCHOOLS. **(2008)**.
NIGERIAN JOURNAL OF TEACHER EDUCATION AND TEACHING, VOL. 4. NO 1. PP 91– 97.
UNIVERSITY OF JOS, NIGERIA.
- 7. ERIMAF A J.T. AND OGBEIDE, E.M:** ADJUSTED AND UNADJUSTED ESTIMATES OF THE MEANS IN SURVEY NON-RESPONSE. **(2009)**.
NIGERIAN ANNALS OF SCIENCES. VOL.8 (2). PP 42-48. PUBLISHED BY FACULTY OF NATURAL SCIENCES, AMBROSE ALLI UNIVERSITY, EKPOMA, NIGERIA.
- 8. OGBEIDE, E.M AND ERIMAF A J.T.:** EXAMINING THE NEGATIVE ESTIMATES OF THE VARIANCE COMPONENTS IN LINEAR MODELS **(2009)**.
INTERNATIONAL JOURNAL OF NUMERICAL MATHEMATICS. VOL 4. NO. 2 PP. 337-353. PUBLISHED IN THE UNIVERSITY OF ADO-EKITI, NIGERIA.

9. **ERIMAF A J.T. , OGBEIDE, E.M AND CONSUL, J.I:** ANALYSIS OF ACCEPTABILITY OF MALE STERILIZATION IN ESAN WEST LOCAL GOVERNMENT AREA, EDO STATE NIGERIA. **(2009)**.
JOURNAL OF APPLIED SCIENCES, VOL. 12. PP 8155 – 8162. NIGERIA.

10. **OGBEIDE, E.M AND IKPOTOKIN, O:** POPULATION MODEL OF ESAN WEST LOCAL GOVERNMENT AREA OF EDO STATE, NIGERIA. **(2009)**.
THE RESEARCHER (SCIENCE). NEW YORK. VOL.1, NO.3. PP 68-72. USA.

11. **OGBEIDE, E.M:** PERMUTATION APPROACH TO THE ESTIMATION OF CONFIDENCE INTERVAL FOR THE DIFFERENCE OF TWO SAMPLES MEANS. **(2010)**.
INTERNATIONAL JOURNAL OF PHYSICAL SCIENCE VOL.2 NO.1, PP. 98-103.

12. **OGBEIDE, E.M AND EDOKPA I.W :** ANALYSIS OF THE VARIANCE COMPONENT MODEL **(2010)**.
JOURNAL OF ENGINEERING SCIENCE AND APPLICATION (JESA). VOL. 7. NO1 Pp 87 – 94. PUBLISHED BY FACULTY OF ENGINEERING AND TECHNOLOGY, AMBROSE ALLI UNIVERSITY EKPOMA, NIGERIA.

13. **OSEMWENKHA E, J. E. AND OGBEIDE, E.M:** ADAPTIVE KERNEL DENSITY ESTIMATION: A REVIEW. **(2010)**.
NIGERIAN ANNALS OF SCIENCES. VOL.10(1). PP 88-96.

14. **IDUSERI, A. EDOKPA I.W. AND OGBEIDE, E.M:** FACTORS DETERMINING CHOICE OF DELIVERY BY MOTHERS IN A RURAL AREA IN EDO STATE, NIGERIA. **(2010)**.
NIGERIAN ANNALS OF SCIENCES. VOL.10(1). 77-87.

15. **OGBEIDE, E.M:** BOOTSTRAP APPROACH IN THE ESTIMATION OF CONFIDENCE INTERVAL FOR THE DIFFERENCE OF TWO POPULATION MEANS **(2010)**.
ABACUS. JOURNAL OF THE MATHEMATICAL ASSOCIATION OF NIGERIA. VOL 37,
NO.2, PP 1-9.

16. **OSEMWENKHA E, J. E. AND OGBEIDE, E.M :** ASYMPTOTIC MEAN SQUARED ERROR FOR ADAPTIVE KERNEL DENSITY ESTIMATION. **(2010)**.

JOUR. OF ADV. NAT. AND APPL. SCI. VOL.8. PP.253-258. PUBLISHED BY CHEMISTRY ADVANCEMENT SOCIETY, FACULTY OF NATURAL SCIENCES , AMBROSE ALLI UNIVERSITY, EKPOMA, NIGERIA.

- 17. OGBEIDE, E.M., OSEMWENKHAЕ, J. E. AND OYEGUE F.O :** A NEW ADAPTIVE KERNEL DENSITY ESTIMATION BANDWIDTH APPROACH. **(2011).**
JOURNAL OF ENGINEERING SCIENCE AND APPLICATION (JESA). VOL. 7. NO3 PP 14 – 25.

PUBLISHED BY FACULTY OF ENGINEERING AND TECHNOLOGY, AMBROSE ALLI

UNIVERSITY EKPOMA, NIGERIA.
- 18. OGBEIDE, E.M., OSEMWENKHAЕ, J. E.:** A MODIFIED KERNEL NEAREST NEIGHBOUR ESTIMATE BANDWIDTH APPROACH TO DENSITY ESTIMATION. **(2012).**
JOURNAL OF NIGERIAN ASSOCIATION OF MATHEMATICAL PHYSICS (J OF NMAP), UNIVERSITY OF BENIN, NIGERIA. VOL. 22,PP185-194.
- 19. EDOKPA , I. W AND OGBEIDE, E.M.:** BOOTSTRAP APPROACH CONTROL LIMIT FOR STATISTICAL QUALITY CONTROL. **(2013).**
INTERNATIONAL JOURNAL OF ENGINEERING SCIENCE AND INVENTION. VOL.2,

ISSUE 4. Pp. 28-33
- 20. EDOKPA, I.W., OSABUOHIE-IRABOR, O. AND OGBEIDE, E. M.:** THE DISTRIBUTION OF THE AVERAGE RUN LENGTH (ARL) OF THE CUSUM CONTROL CHARTS FOR BINOMIAL PARAMETERS WHEN OBSERVATION ARE POISSON DISTRIBUTED. **(2013).**
INTERNATIONAL JOURNAL OF SCIENTIFIC AND ENGINEERING RESEARCH,. VOL.4.

ISSUE 12. PP 685-689.
- 21. OGBEIDE, E.M., OSEMWENKHAЕ, J. E.:** A NEW IMPUTATION METHOD BASED ON EXPECTATION MAXIZATION OF THE DATASET. **(2014).**
PROCEEDING OF THE STATISTICS RESEARCH GROUP.NATIONAL CONFERENCE,
MATHEMATICS DEPARTMENT, UNIVERSITY OF BENIN, NIGERIA. PP 70-76.
- 22. OGBEIDE, E.M., OSEMWENKHAЕ, J. E. AND OYEGUE, F. O. :** ON A MODIFIED MULTIVARIATE CLUSTER SAMPLING KERNEL APPROACH TO MULTIVARIATE DENSITY ESTIMATION. **(2016).**
JOURNAL OF NIGERIAN ASSOCIATION OF MATHEMATICAL PHYSICS (J OF NMAP), UNIVERSITY OF BENIN, NIGERIA. VOL. 34,PP123-132.

23. **OGBEIDE, E. M. ,OSEMWENKHAE, J.E. AND OYEGUE, F. O.:** A MODIFIED INTERSECTION OF CONFIDENCE INTERVALS (MICI) APPROACH IN THE MULTIVARIATE DATA DENSITY ESTIMATION. **(2017)**. JOURNAL OF NIGERIA STATISTICAL ASSOCIATION. VOL. 29. 47-57.
24. **OGBEIDE, E. M AND ELAKHE, O. S.:** STATISTICAL ANALYSIS AND EVALUATION OF CRIME COMMITTED BY INMATES IN BENIN PRISON IN EDO STATE USING TIME SERIES MODEL **(2018)**. INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN COMPUTER SCIENCE AND SOFTWARE ENGINEERING. VOLUME 8(4), PP 24-49
25. **OGBEIDE, E. M.** A NEW ITERATIVE IMPUTATION METHOD BASED ON ADAPTIVE EXPECTATION MAXIMIZATION **(2018)**. SCIENCE TECH JOURNAL. SAMUEL ADEGBOYEGA UNIVERSITY, OGWA, EDO STATE. VOL.3, ISSUE 1, 133-142
26. **OGBEIDE, E. M. AND EDIKE, N.:** KERNEL DENSITY ESTIMATION OF FEMALE EDUCATORS IN SOME SELECTED HIGHER INSTITUTIONS IN EDO STATE, SOUTH-SOUTH NIGERIA **(2018)**. JOURNAL OF DEMOGRAPHY AND SOCIAL STATISTICS, OBAFEMI AWOLOWO UNIVERSITY, IFE . VOLUME 5. ISSUE 1, 22-36.
27. **OGBEIDE, E. M. AND OSEMWENKHAE, E J.** SOME IMPROVEMENTS IN NONPARAMETRIC MULTIVARIATE KERNEL DENSITY ESTIMATION. **(2019)** . ATHENS JOURNAL OF SCIENCE. VOLUME 6. ISSUE 4.287-308.
28. **OGBEIDE, E. M AND BRAIMAH, O. J .** ON ISOLATED TRUNCATED CHAIN DEFERRED SAMPLING PLAN FOR LOMAX PRODUCT DISTRIBUTION. **(2020)**. AUSTRALIAN JOURNAL OF SCIENCE AND TECHNOLOGY. VOL. 4 ISSUE 2; 270-278.
29. **IZOMO, E.J., IKPOTOKIN, O. AND OGBEIDE, E. M.** A SURVIVAL ANALYSIS ON THE INCIDENCE OF PNEUMONIA AND INFANT MORTALITY RATE IN EDO CENTRAL SENATORIAL DISTRICT OF NIGERIA. **(2020)**. NIGERIAN JOURNAL OF SCIENCE AND ENVIRONMENT. DELTA STATE UNIVERSITY, ABRAKA, NIGERIA. VOLUME 18, ISSUE 1.206-216
30. **OGBEIDE, E. M** IMPUTATION STATISTICS VALUES FOR MISSING DATA IN NIGERIA CRIME RATE DATA REPORTED . **(2020)** JOURNAL OF DEMOGRAPHY AND

31. **IKPOTOKIN, O. IDOWU, A.A. AND OGBEIDE, E. M.:** EVALUATING ACCESSABILITY OF HEALTH CARE DELIEVRY IN EDO SOUTH SENARTORIAL DISTRICT USING KERNEL DENSITY ESTIMATION. **(2020)** NIGERIAN JOURNAL OF MATHEMATICS AND APPLICATION. VOLUME 30, 139-164.
32. **OGBEIDE, E. M. AND OSEMWENKHAE, E J. ;** DENSITY ESRIMATION USING A MODIFIED MULTIVARITE CLUSTER SAMPLINGKERNEL APPROACH. **(2021)**. BENIN JOURNAL OF STATISTICS. VOLUME 4. 8-17.
33. **ELAKHE, O. S., BRAIMAH, O. J . OGBEIDE, E. M. AND IKPOTOKIN, O.;** A TWO PRONGED TRUNCATED DEFEERED SAMPLING PLAN (TTDSP) FOR LOG-LOGISTIC DISTRIBUTION **(2021)**. GLOBAL JOURNAL OF PURE AND APPLIED SCIENCES. **VOLUME 27**, ISSUE 1, 61-68.
34. **OGBEIDE, E. M. AND OSEMWENKHAE, E J.;** ON THE USE OF A MODIFIED INTERSECTION OF CONFIDENCE INTERVALS ($MICl_H$) KERNEL DENSITY ESTIMATION APPROACH. **(2021)**. ATHENS JOURNAL OF SCIENCE. VOLUME 8. ISSUE 4. 309-332
35. **OGBEIDE, E.M, AMEDU, A. M AND OSUMAH, O:** FUNDAMENTALS OF SAMPLING AND RESEARCH METHODS. VOL.1 (CO AUTHORED TEXT BOOK). **(2008)**. PON PUBLISHERS, BENIN CITY, NIGERIA.

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