

CURRICULUM VITAE

OKORO Otonritse Joshua

Flat 6, Block.3, Landmark University Staff Quarter, Omu-Aran.

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Personal Data

1. **Date of Birth:** 29th April 1977
2. **Nationality:** Nigerian
3. **Marital Status:** Married
4. **Sex:** Male
5. **Number and Ages of Children:** Two (2), one (1) and two (2) years old
6. **Permanent Home Address:** Flat 6, Block 3, Staff Quarter
Landmark University, Omu-Aran
Kwara State
7. **Status and Salary:** ₦ 151,940.00Per Month
(*Both in Level and Amount*): Landmark University Salary Scale
(LUSS 08 Step 03)
8. **Educational Institutions Attended (*With Dates*)**

(C) Tertiary

- University of Ibadan, Ibadan, Nigeria 2012 – Till Date
- University of Ibadan 2006 –2010
- National teachers' Institute 2010 – Till Date
P.M.B 2191, Kaduna
- Delta State University, Abraka 1995/96 – 1999/2000
- Delta State University (Delsu Consult) 1997 – 1999

(A) Primary

Ogbe Primary School Effrun,
Warri **Date**
1981 – 1986

(B) Secondary

Uwelu Secondary School Benin 1987 – 1992

9. Qualifications (*With Dates*)

- M.Phil. in Mathematics in View 2012 - Till Date
- M.Sc. Mathematics 2006 –2010
- Industrial Mathematics 1995/96 – 1999/2000
B.Sc. (Hons).
- Diplomas in Computer Operation 1997 – 1999
- S.S.C.E 1987 – 1992
- First School leaving Certificate 1981 – 1986

10. Academic Linkages and Membership of Professional Bodies:

- Nigerian Mathematical Society (NMS)
- The Nigerian Institute Of Industrial Statisticians, Membership (MNIIS)
- The Mathematics Association Of Nigeria (MAN), Member
- Science Teacher Association Of Nigeria (STAN), Member
- The Nigerian Association of Mathematical Physics (NAMP)

11. Computer Literacy

Proficiency in the use of the following:

1. MS Office, Mathematica, Latex, Maple, Simul8 Professional, Matlab

12. Work Experience:

• 2011- Till date	Landmark University Omu-Aran, Kwara State, Nigeria
• Employment Status:	Lecturer II
• 2011- 2014	Landmark University Omu-Aran, Kwara State, Nigeria
Employment Status:	Assistant Lecturer
• 2007 – 2011	- Orita-Mefa Baptist Model School, Ring Road, Ibadan, Oyo State.
Employment Status-	Mathematics Teacher
• 2004 – 2005	Jewel Model School Kubwa, Abuja
Job Description	Mathematics and Further Mathematics Teacher.
• 2002 – 2003	Blessed St. Paul Memorial Group Of School, Useh, Benin City, Edo State.
Job Description -	Mathematics and Further Mathematics Teacher
• 2000 – 2001	Girls Secondary School Oraukwu, Idemili North Anambra State (National Youth Service Corp) A729366 and NYSC/An/Dsu/99/O44128
Job Description	- Mathematics Teacher
• 1997 – 1998	Shell Petroleum Development Company (Industrial Training)
Job Description -	Providing Good Health and Safety Cautious Environment by Creating and Initiating Working Ethics to Advance Good Health and Safety Cautiousness.
Position	Public Relation Officer.

Undergraduate Supervision Experience

- (i) June, 2013; Maximum Likelihood: A method of Estimation by Ibrahim Precious Rofiat 10CF000560.
- (ii) July, 2015; Using the M/M/1 Queueing Model To Analyze Waiting Line Of Landmark University Shopping Mall by Enajero Emovigho Victor 11CF001412.

13. Courses Taught at the University Level

MAT 111: Set, Logic and Algebra, MAT 112: Trigonometry and Analytical Geometry, MAT 113: Elementary Mechanics, MAT 114: Statistics I, MAT 123: Mathematics VII; Statistics II, CSM 211: Mathematical Method I, MAT 216: Applied Statistical Methods, MAT 221: Real Analysis II; MAT 225: Linear Algebra, MAT 223/227: Applied Statistical Method, CSM 222: Statistical Method I, MAT 314:

Operation Research, MAT 315: Probability Distributions, MAT 318: Statistical Inference 2, MAT 311: Groups and Rings, MAT 421: Optimization Theory.

14. Research

(A) On Research (M.Phil. Project Direction): On Stochastic Markovian Queueing Model with Epidemiology

(B) Published Articles

- i) Ogunlade Temitope Olu, Okoro O. Joshua, (2015), Waiting Time Analysis of A Single Server Queue in an OutPatient Clinic, IOSR Journal of Mathematics (IOSR-JM), e-ISSN: 2278-5728, p-ISSN: 2319-765X. Volume 11, Issue 3 Ver. V (May - Jun. 2015), PP 54-58 www.iosrjournals.org, DOI: 10.9790/5728-11355458
- ii) Charles I. Nkeki, Joshua O. Okoro, (2013). OPTIMAL NET INVESTMENT WEALTH WITH DISCOUNTED STOCHASTIC CASH FLOWS AND EFFICIENT FRONTIER-International Journal of Applied Mathematics, Volume 26 No. 5 2013, 575-600, ISSN: 1311-1728 (printed version); ISSN: 1314-8060 (on-line version), doi: <http://dx.doi.org/10.12732/ijam.v26i5.6>
- iii) Joshua O. Okoro, Charles I. Nkeki, Optimal Variational Portfolios with Inflation Protection Strategy and Efficient Frontier of Expected Value of Wealth for a Defined Contributory Pension Scheme Journal of Mathematical Finance, 2013, 3, Published Online November 2013 (<http://www.scirp.org/journal/jmf>)
- iv) Ogunlade Temitope Olu, Okoro O. Joshua, (2013), Stochastic Decomposition in Non- Work Conserving Queues With Multiple Input Stream - The Nigerian Association of Mathematical Physics (NAMPA).
- v) Okoro Otonritse Joshua, On Markovian Queueing Model as Birth Death Process, Global Journal of Science Frontier Research (F) Volume XIII Issue XI Version I Year (2013), © Global Journals Inc. (US).
- vi) O. Adebimpe, B. O. Moses and O. J. Okoro Global Stability Analysis of a SEIR Epidemic Model with Saturation Incidence Rate, Mathematics Subject Classification: 34C05, 92D25, Article ID:27703250, Journal of Mathematical Sciences, Recent Science Publications.

(C) Research Completed but not yet Published

- i) Interpolation in Numerical Approximation.
- ii) Servers Proportion in Strategic Equilibrium and Global Optimum for a Pair of Competing Server.

15. Paper Presentation

- i) Waiting Time Analysis of A Single Server Queue in an Out-Patient Clinic at the Nigeria Mathematical Society (NMS) 34th Annual Conference held in the Department of Mathematics University of Lagos, Nigeria-23rd – 26th June, 2015
- ii) On Markovian Queueing Model as Birth Death Process, Global Journal of Science Frontier Research at the 24th Colloquium of the Nigerian Association of Mathematical Physics (NAMPA) University of Benin (UNIBEN) – 24th – 28th February 2014.
- iii) Stochastic Decomposition in Non- Work Conserving Queues With Multiple Input Stream at the 23rd Colloquium of the Nigerian Association of Mathematical Physics (NAMPA) Redeemer's University (RUN) – 6th – 9th November 2012

16. University Grants and Conferences attended

- **Landmark University Conference Grant** for participation at the International Symposium on Mathematical and Statistical Finance, University of Ibadan, Oyo State, Nigeria, September 1-3, 2015,
- **Landmark University Conference Grant** for participation at The Nigeria Mathematical Society (NMS) 34th Annual Conference held in the Department of Mathematics University of Lagos, Nigeria-23rd – 26th June, 2015.
- **Landmark University Conference Grant** for the Participated and presented in the 24th Colloquium of the Nigerian Association of Mathematical Physics (NAMP) University of Benin (UNIBEN) – 24th – 28th February 2014.
- Participated and jointly presented in the 23rd Colloquium of the Nigerian Association of Mathematical Physics (NAMP) Redeemer’s University (RUN) – 6th – 9th November 2012.

17. Conferences/Workshop/Symposium attended

- International Symposium on Mathematical and Statistical Finance University of Ibadan, Oyo State, Nigeria. September 1-3, 2015,
- Attended and actively participated in the Workshop on Mathematical Modeling and Simulation held at the Mathematical Centre, Abuja 8th – 12th October 2012.
- Attended and actively participated in 32nd annual Nigeria Mathematical Society Conference held at Ile-Ife, Osun State-25th – 28th June 2013.

18. Extra-Curricular Activities

(A) Within the University

- 100, 200, 300 Level Course Adviser
- SIWES Supervisor
- Member of Maintenance and Monitoring Committee Landmark University Omu-Aran
- Unit Exam Officer, Industrial Mathematics Unit, Physical Science Department, Landmark University.
- Departmental Student Advisory Committee, Physical Science Department, Landmark University
- Agro-Revolutionary Committee, Landmark University

(B) Outside University

- WAEC and NECO Examiners

19. Name And Addresses Of Three (3) Referees

Prof. G.O.S. Ekhaguere

Department of Mathematics,
University of Ibadan,
Ibadan, Nigeria,
Tel; 08033241859

Prof. (Mrs.) Olabisi O. Ugbebor

Department of Mathematics,
University of Ibadan, Ibadan, Nigeria.
Tel; 08026437109.

Prof. E. O. Ayoola

Head of Mathematics Department,
University of Ibadan, Ibadan, Nigeria,

Tel; +2348075458906