

CURRICULUM VITAE

NAME: AKINSETE, Alfred Aanu

CURRENT POSITION: Professor

CONTACT INFORMATION:

Department of Mathematics

Marshall University

1 John Marshall Drive

Huntington, West Virginia 25755

USA.

Tel. 304 696 3285 (O); Fax: 304 696 4646

email: akinsete@marshall.edu

web site: <http://www.science.marshall.edu/akinsete>

EDUCATION:

- **Ph.D. (Statistics)** – March, 1996
Institution: University of Ibadan
Thesis: *Tandem Queues with in-process Withdrawals*
Advisors: Dr. O. Abe (University of Ibadan) & Dr. D. N. Shanbhag (The University of Sheffield)
 - **M.Sc. (Statistics)** – September, 1983
Institution: University of Ibadan
Thesis: *Box-Jenkins Statistical Forecasting Methodologies: A Case-Study of the Meteorological Data*
Advisor: Dr. O. B. Oyetunji
 - **B.Sc. (Honors) (Statistics)** – July, 1980
Institution: University of Ibadan
Thesis: *Time Series Analysis of Food and Drink at the University of Ibadan Senior Staff Club*
Advisor: Dr. S. O. Adamu
-

RESEARCH INTERESTS

My area of research interest is mathematical statistics, with emphasis on, but not limited to stochastic processes and applied probability. Others are, statistical analysis of sports data, time series analysis, queuing modeling. Currently, I am focusing on distribution functions. Future research work focuses on the statistics of stable marriage problems with emphasis on the waiting time distribution in a correlated polygamous marriage.

WORK EXPERIENCE WITH DATES

Employer	Designation	Duty	Date
Current: Marshall University	Full Professor	Teaching, Research & Service	Apr. 2008 – present
Marshall University	Associate Professor	Teaching, Research & Service	Aug. 2003 – Apr. '08
Past: St. Cloud State University	Associate Professor	Teaching, Research & Service	Aug. '02 – Aug. '03
University of Transkei South Africa.	Senior Lecturer (Equivalent: Assoc Professor)	Teaching, Research & Extension	July 2000 – Aug.2002
University of Agriculture Abeokuta. Nigeria	Senior Lecturer (Equivalent: Assoc Professor)	Teaching, Research & Extension	1999-2000
University of Agriculture Abeokuta. Nigeria.	Lecturer I (Equivalent: Asst. Professor)	Teaching, Research & Extension	1991-1999
University of Agriculture Abeokuta. Nigeria.	Lecturer II (Equivalent: Asst. Professor)	Teaching, Research & Extension	1986-1991
University of Agriculture Abeokuta. Nigeria.	Asst. Lecturer. (Equiv. Instructor)	Teaching, Research & Extension	1983 -1986
Kano State Polytechnic Nigeria	Lecturer	Teaching	1981-82
Federal Govt. of Nigeria Kano. Nigeria	National Youth Service Corps	Statistical Analyst	1980-81
Ondo Grammar School Ondo. Nigeria	School Teacher	Teaching	1975-76

COURSES TAUGHT

(At Marshall University)

Undergraduate

MTH 123	Selected Topics in College Algebra; Summer 2005, 2006
IST 130	Analytical Methods I: Statistics; Fall 2003
MTH 130	College Algebra; Fall 2004, fall 2005
MTH 225	Introductory Statistics; Fall 2003, 2004, 2005, 2007, 2008; Spring 2004, 2006, 2007, 2008, & Summer 2004
MTH 229	Calculus with Analytic Geometry; Spring 2004, 2005, 2006 2008, Fall 2006, & Summer 2008
MTH 345/481	Applied Statistics & Probability (481 as SpTp, and 345 as regular); Fall 2005, 2007, Spring 2009
MTH 446	Probability and Statistics II; Spring 2005
MTH 480	Queueing Modeling; Summer 2007

Graduate

MTH 546	Probability and Statistics II; Spring 2005
MTH 583	SpTp: Statistics; Spring 2004
MTH 589	Teaching Assistant Seminar; Fall 2006, 2007, 2008; Spring 2007, 2008, 2009
MTH 660	Stochastic Processes; Fall 2004, 2006, 2008
MTH 661	Advanced Mathematical Statistics; Fall 2003
MTH 670	Advanced Distribution Theory (Independent study); Fall 2007, Spring 2008, 2009
MTH 670	Linear Models (Independent Study); Fall 2008, Spring 2009
MTH 681	Thesis; Spring 2005, Fall 2007, Spring 2008
MTH 663	Time Series Forecasting; Spring 2007, 2009
MTH 690	Queueing Modeling; Summer 2007
MTH 681	Thesis; Fall 2007, Spring 2008, 2009

(At St. Cloud State University, St. Cloud, Minnesota)

STAT 193	Statistical Thinking
STAT 447/448	Basic Elements of Prob. Theory
STAT 427/527	Time Series Analysis

(At the University of Transkei, South Africa)

Undergraduate

STA 2101	Probability
STA 2202	Inference
STA 3203	Stochastic Processes
STA 3204	Time Series Analysis & Forecasting

Graduate

STA 5101	Probability & Measure Theory
STA 5101	Probability & Measure Theory
STA 5202	Advanced Stochastic Processes

(At the University of Agriculture, Nigeria): Undergraduate courses

MTS 101	Algebra	MTS 212	Linear Algebra
MTS 102	Calculus and Trigonometry	MTS 232	Ordinary Differential Eqns.
MTS 103	Vector Analysis	MTS 242	Mathematical Methods I
MTS 104	Mechanics	STS 201	Applied Statistics
MTS 201	Mathematics for Food Tech	STS 221	Probability I

Undergraduate courses

STS 212	Statistical Inference I	STS 421	Probability III
STS 321	Probability II	STS 431	Distribution Theory II
STS 331	Distribution Theory I	STS 461	Stochastic Processes
STS 312	Statistical Inference II	STS 473	Time Series Analysis

Graduate courses

STS 701	Probability Theory	PDS 701	Probability and Distribution Theory
STS 702	Statistical Inference	PDS 702	Mtd of Stat Inference & Decision
STS 704	Distribution Theory	PDP 701	Applied Statistics

UNDERGRADUATE & GRADUATE RESEARCH ADVISING (At Marshall University)

Undergraduate Student

- **Charles Lowe**, *Stochastic Modeling of Sports Data*: Summer Undergraduate Research Experience. May 22, 2006 – July 28, 2006. Work presented at the Joint Statistical Meeting of the American Statistical Association held in Salt Lake City, Utah, in July 29 - August 2, 2007.
- **Charles Lowe**, *Distribution Functions in Reliability*: Summer Undergraduate Research Experience. May 21, 2007 – July 27, 2007. Results presented at the Joint Statistical Meeting of the American Statistical Association in Denver, Colorado, in August 2008.
- **And very many others in the past**

Graduate Student

- Grace Amusan: Current Master's Thesis Student
- **Lin Yuan**, *Listing Price Analysis on eBay Market*. Master's Thesis, May, 2008
- **Steve Lacek**, *Non-preemptive Shunting in M/M/1 and Dynamic Service Queueing Systems*. Master's Thesis, May, 2008
- **Diana Fisher**, *Convergence Analysis of MCMC Method in the Study of Genetic Linkage with Missing Data*, Master's Thesis, Summer, 2005.
- **Other Graduate Student Advising**

I supervised the following students in their research works, involving in-depth research and presentations of selected topics as partial fulfillment in MTH 660: Stochastic Processes:

Fall 2004:

- Michael Joe Hughe: *Recolonization in a Stochastic, N-Tired, 2-Dimensional Computation/Predation Simulation*.
- Kelli Hall and Rob-Roy Mace: *Branching Process and Family Names*
- Wen Xue, Diana Fisher and Elizabeth Duke: *Applying Markov Chain Monte Carlo Methods to Genetic Mapping via the Hastings-Metropolis Algorithm*

Fall 2006:

- John Kirby: *Mathematics behind Card Shuffling.*
 - Tue Ngoc Ly: *Martingales*
 - Sarah Barber: *Applications of Stochastic Processes in Game Theory*
 - Steve Lacek: *Markov Chain Monte Carlo*
-

PUBLICATIONS

(At Marshall University)

Published papers in peer-reviewed journals:

- Akinsete, A. A., and Lowe, C. (2008). The beta-Rayleigh distribution in reliability measure. *Proceedings of the American Statistical Association, (ASA) Section on Physical and Engineering Sciences. (To Appear).*
- Akinsete, Alfred, Famoye, Felix and Lee, Carl. (2008).The beta – Pareto Distribution. *Statistics: A Journal of Theoretical and Applied Statistics.* **42**(6), 547 – 563.
<http://dx.doi.org/10.1080/02331880801983876>
- Akinsete, A. A. (2008). Generalized exponentiated beta distribution. *Journal of Probability and Statistical Science.* 6(1), 1 – 12.
- **Akinsete, A. A.** and Lowe, Charles. (2007). Stochastic modeling of soccer data. *Proceedings of the American Statistical Association, (ASA) Section on Statistics in Sports.* [On CD-ROM]: 2581 -2588.
- Akinsete, A. A. (2006). Beta-geometric distribution in survival modeling. *Proceedings of the American Statistical Association, (ASA) Section on Quality and Productivity.* [On CD-ROM]: 1794 -1800.
- **Akinsete, A. A.** & Onyiah, L. C. (2006). Dummy variable technique in forecasting modeling. *Advanced Studies in Contemporary Mathematics.* **13**(1), 87 – 94. MR2244209.
- Akinsete, A. A. (2005). Waiting time distribution of tandem queue with correlated service nodes. *Proceedings of the American Statistical Association, (ASA) Section on Physical and Engineering Sciences.* [On CD-ROM]: 1695 -1700.
- **Akinsete, A. A.** & Onyiah, L. C. (2004). Home advantage in the game of soccer. *Advanced Studies in Contemporary Mathematics.* **8**(2), 125 – 130. MR2042855.
- Akinsete, A. A. (2004). The winning probability and ranking models for teams in soccer tournaments. *Proceedings of the American Statistical Association, (ASA) Section on Statistics in Sports.* [On CD-ROM]: 3198 -3206.

Work in progress:

- Characterization of beta compounded distributions in reliability measure
 - Beta-geometric distribution
-

Published papers in peer-reviewed journals prior to Marshall University

- **Akinsete, A. A.** and Oguntuase, J. A. (2002). Characterizing property of a class of natural numbers. *Proceedings of the Jangjeon Mathematical Society*. **5**, (2), 99-104. MR1945772.
- Akinsete, A. A. and Abe, O. (2001). Performance evaluation of tandem queues in parallel. *Italian Journal of Pure and Applied Mathematics*. **10**, 191-198. MR1930326 (2003i:60157)
- Akinsete, A. A. (2001). Network of blocked tandem queues with withdrawals. *Kragujevac J. Math.* **23**, 63-73. MR1863044 (2002h: 60197).
<http://isi.cbs.nl/iamamember/CD2/pdf/753.pdf>
- Idowu, A. B. and **Akinsete, A. A.** (2001). The attraction of *Zonocerus variegatus* (Orthoptera: Pyrgomorphidae) to different types of lure. *Revista de Biología Tropical*. **49**(2), 673 – 678.
http://www.scielo.sa.cr/scielo.php?pid=S0034-77442001000200027&script=sci_arttext
- Akinsete, A. A. (2001): Characterization of the exponential distribution in an unreliable service queueing system with withdrawal. *Italian Journal of Pure and Applied Mathematics*. **9**, 69 – 72. MR1842380 (2002e:90020).
- **Akinsete, A. A.** and Adeleke, E. O. (2000). Random walk in a two dimensional space. *Proceedings of the Section on Statistics in Sports: American Statistical Association*. **2000**, 103-107.
- Akinsete, A. A. (2000). Non-systematic tandem queue with withdrawals. *Journal of the Nigerian Mathematical Society*. **19**, 69-75. MR2055735
- Akinsete, A. A. (2000). The probability and mean service time of system in series with absorption. *Journal of the Nigerian Mathematical Society*. **19**, 77-83. MR2055736
- Mafiana, C. F., Sam-Wobo, S. O. and **Akinsete, A. A.** (1999). Epidemiology of ascariasis in some rural communities in Ogun State, Nigeria. *Global Journal of Pure and Applied Sciences*. **6**, 23 – 26.
- Akinsete, A. A. (1999): A porous tandem queue with in-process withdrawals. *Inter. J. Math. Sc.* **1**, 8-16.
- Akinsete, A. A. (1999): The probability and randomization of a completely paired zero-or-one game. *Proceedings of the Section on Statistics in Sports: American Statistical Association*. **1999**, 26-30.
- Akinsete, A. A. (1999): Blocked finite tandem queues with withdrawal and feedback. *Zbornik radova*. **21**, 93-109. MR1716331.
- Akinsete, A. A. (1999): Transient behaviour of tandem queues with withdrawals. *Directions in Mathematics* 263-278. MR1754559.
- **Akinsete, A. A.** and Apantaku, F. S. (1998): On the transition probability of serial network in absorbing medium with withdrawals. *Jour. of the Nigerian Stat. Assoc.* **12**(1), 123-133.
- Akinsete, A. A. (1998): Departure process in the inter-changeability of tandem queues with withdrawals. *Zbornik radova*, **20**(4), 97-103. MR1651901(99i: 60164)
- Akinsete, A. A. (1998): Generalized memoryless queues in tandem with in-process withdrawal. *Nigerian Journal of Science*, **32**(2), 115-129.

- Akinsete, A. A. and Abe. O. (1998): The winning probability in the game of lottery. *Nigerian Journal of Science*, **32(2)**, 97-113.
 - **Akinsete, A. A.** and Abe, O (1997): Two queues in tandem with withdrawals. *Jour. of Nigerian Mathematical Society* **16**, 73-86. MR1776127
 - Akinsete, A. A. (1995): Transition probability of system in series with absorbing state. *Jour. of Nigerian Mathematical Society*, **14**, 67-71. MR1775014.
 - Oyetunji, O. B. and **Akinsete, A. A.** (1987): Box-Jenkins method of statistical forecasting: A Case-Study. *Jour. of the Nigerian Stat. Assoc.* **3(2)**, 45-58.
-

PRESENTATIONS AT CONFERENCES & OTHER PROFESSIONAL MEETINGS

At Marshall University

- **Akinsete, A. A.**, Famoye, F. F. and Lee, C. (2008). "The beta-Pareto". **Presented** at the Royal Statistical Society Conference. Nottingham, England. September 1 – 5, 2008.
- **Akinsete, A. A.** and Lowe, C. (2008). "The beta-Rayleigh distribution in reliability measure". **Presented** at the Joint Statistical Meeting of the American Statistical Association held in Denver, Colorado. August 3 – 7, 2008.
- Akinsete, A. A. (2008). "The beta-Rayleigh distribution". **Presented** at the 7th World Congress in Probability and Statistics. Singapore July 14 – 19, 2008.
- Akinsete, A. A. (2007). "Online statistics teaching resources". Presented at the 3rd Association of Appalachia Mathematics Teacher Education, held at Marshall University, Huntington, West Virginia. November 2 – 3, 2007.
- **Akinsete, A. A.** and Lowe, C. (2007). "The beta-Rayleigh distribution in reliability measure". Presented at the MAA, 2007 Ohio Section, held at Wittenberg University, Springfield, Ohio. October 26 – 27, 2007.
- Akinsete, A. A. (2007). "Generalized exponentiated beta distribution". **Presented** at the Joint Statistical Meeting of the American Statistical Association held in Salt Lake City, Utah, in July 29 - August 2, 2007.
- **Akinsete, A. A.** and Lowe, C. (2007). Stochastic modeling of sports data. **Presented** at the Joint Statistical Meeting of the American Statistical Association held in Salt Lake City, Utah, in July 29 - August 2, 2007.
- Akinsete, A. A. (2006). "Beta – Geometric Distribution in Survival Modeling". **Presented** at the Joint Statistical Meeting of the American Statistical Association held in Seattle, Washington, in August 6-10, 2006.
- Akinsete, A. A. (2005). "Designing a Statistical Curriculum in a Mathematics Department". **Presented** at the United States Conference on the Teaching of Statistics (USCOTS). (19 – 21 May, 2005). The Ohio State University, Columbus, Ohio.
- Akinsete, A. A. (2005). "Waiting time distribution of tandem queues with correlated service nodes". **Presented** at the Joint Statistical Meeting of the American Statistical Association held in Minneapolis, Minnesota, in August 7-11, 2005.
- Akinsete, A. A. (2004). "The winning probability and ranking models for teams in soccer tournaments." **Presented** at the Joint Statistical Meeting of the American Statistical Association. (8-12 August, **2004**). Toronto, Canada.

Prior to Marshall University:

- Akinsete, A. A. (2001). "Network of blocked tandem queues with withdrawals." **Presented** at the 53rd Session of the International Statistical Institute. (22 – 29 August, 2001). Seoul, South Korea.
- Akinsete, A. A. and Adeleke, E. O. (2000): "Random walk in two dimensional space". **Presented** at the Joint Statistical Meeting of the American Statistical Association. (13-17 August, **2000**). Indianapolis, Indiana. USA.
- Akinsete, A. A (1999): "Getting connected to the superhighway; the economic, social, political and technological implications. **Presented** at National Workshop of the Nigerian Library Association – The Nigerian Library in the next Millennium. University of Agriculture, Abeokuta. Ogun State. Nigeria. (27th – 29th October, **1999**.)
- Akinsete, A. A. (1999): "Randomization and statistical properties of the game of football". **Presented** at the 6th Scientific Meeting of the Sub-Saharan African Network of the International Biometric, "Biometric and duality of Life". International Institute of Tropical Agriculture (IITA), Ibadan. (23rd - 27th August, **1999**).
- Akinsete, A. A (1999): "The probability and randomization of a completely paired zero-or-one game". **Presented** at the Joint Statistical Meeting of the American Statistical Association. (August, **1999**). Baltimore, Maryland, USA.
- Akinsete, A. A. (1998): "The product formation of a porous tandem queue in parallel". **Presented** at the Conference on Abiodun Memorial 1998 (21 May, **1998**). University of Agriculture, Abeokuta.
- Akinlade, O. A., **Akinsete, A. A.**, Ajayi, O. & Folorunso, O. (1998): "Computer Training Program for Academic Office and Personnel Division". **Presented** at the University of Agriculture, Abeokuta. Nigeria. May, **1998**.
- Akinsete, A. A (1997): "Transient behavior of tandem queues with withdrawals." **Presented** at the Conference in honor and the retirement of Professor Tejumola, H. O. T. University of Ibadan, Ibadan. Nigeria. (**1997**).
- Akinsete, A. A. (1992): "Blocked network of tandem queues with withdrawals". **Presented** at The Young Statisticians' Meeting. 1992 (3 April, **1992**). University of Glasgow, England.
- Akinsete, A. A (1992): "Some results in tandem queues". **Presented** in the Department of Probability & Statistics, The University of Sheffield, England. (November **1992**).
- Akinsete, A. A. (1992): "Mean service time of system in series with absorption". **Presented** at the 1998 Annual Conference of the Nigerian Statistical Association. Minna, Nigeria. Presented at The Young Statisticians' Meeting. 1992 (3 April, **1992**). University of Glasgow, England.
- Akinsete, A. A. (1992): "Parallel tandem queues with optional advancement and withdrawal". **Presented** at the Postgraduate Students' Conference in Europe. 1992 (February, **1992**). University of Nottingham, England.
- Akinsete, A. A. (1991): "Manpower modeling in the transition of university's academic staff". **Presented** at the workshop in honor of Professor Oguntade and exit from the University of Agriculture, Abeokuta. Nigeria. (**1991**)
- Akinsete, A. A. (1990): "A sampling game: Probability maximization". **Presented** at the workshop organized by the Department of Mathematical Sciences, University of Agriculture, Abeokuta in honor of Professor Olofin's retirement from the University. (**1990**)

PROFESSIONAL MEETINGS ATTENDED AND TRAINING AT WORKSHOPS

- The 36th Annual Conference on Recreation Mathematics. Miami University, Oxford, Ohio. September 26 – 27, 2008.
- Chautauqua Course DAY-3 Workshop on Increasing the Retention of Under-Represented Groups--And the Learning of All Groups--In Science, Technology, Engineering and Mathematics Courses. University of Dayton, Ohio. April 28-30, 2008.
- Process Oriented Guided Inquiry Learning in the Classroom (POGIL). Marshall University. March 15, 2008.
- Web 2.0 workshop. Marshall University. January 17, 2008.
- The West Virginia Partnership for Providing Mathematics and Science Teachers Technical Assistance. Dr. Aluthge and I made a presentation on our experience with MITTEN (Mingo county workshops we are doing)
- Participant in “An Introduction to the Fundamentals and Functionality of the R Language”. Organized by the American Statistical Association, Alexandria, VA. October 18 & 19, 2007.
- Participant in “How to Use Effective Learning Environments to Motivate and Engage Students”. Sponsored by the Center for the Advancement of Teaching and Learning. Marshall University, Huntington. August 15, 2007.
- Participant at the Continuing Statistics Educational Training in “Statistics Online Computational Resources (SOCR) & Consortium for the Advancement of Undergraduate Statistics Education (CAUSE)”. Los Angeles, CA. August 6 – 8, 2007.
- Participant in a 30-hour “Best Practices in Teaching Mathematics”. Organized by Teachers Development Group. June 11 – 15, 2007.
- Participant at the United States Conference on Teaching of Statistics (USCOTS). 17 – 19 May, 2007. The Ohio State University, Columbus, Ohio.
- Participant in “CAUSE Undergraduate Statistics Program Workshop”. Organized by the Consortium for the Advancement of Undergraduate Statistics Education. The Ohio State University, May 16 & 17, 2007.
- Participant in “West Virginia Higher Education Mathematics Symposium”. Sponsored by West Virginia Higher Education Policy Commission. Fairmont State University, Fairmont, WV. February 23 – 24, 2007.
- Participant at the Annual Conference of the Appalachian Association of Mathematics Teacher Educators, held at Morehead, Kentucky. October 27 - 28, 2006.
- Participant in “West Virginia 14th Annual Great Teacher Seminar”. Cairo, West Virginia. June 26 – 29, 2006.
- Participant in “Baseball, Statistics, and the Role of Chance in the Game.” Ohio Mathematical Association of America (MAA) 2006 Summer Short Course on Teaching Statistics with Baseball Data. Mount Union College, Alliance, Ohio. June 6 – 9, 2006.
- Grantsmanship for New Researchers, Marshall University, September 16, 2005
- Participant in “The Arts of Grantsmanship”. Council on Undergraduate Research at the Sheraton National Hotel, Arlington, Virginia. April 17 – 19, 2005.

- Participant in “West Virginia Higher Education Mathematics Symposium”. Sponsored by West Virginia Higher Education Policy Commission. Marshall University, Huntington, WV. March 18 – 20, 2006.
- *Workshop on the use of LaTeX* – Organized by Center for Teaching Excellence. Marshall University.
- The New Faculty Seminar Series program, Marshall University, Fall 2003

Few others prior to Marshall University:

- Participant in "Information Technology Training Program". University of Agriculture, Abeokuta. Nigeria. February, **1999**.
- Participant in "Information and Networking Technology Workshop I" (INFONET I '99). Obafemi Awolowo University, Ile-Ife. Nigeria. 16th – 22nd May, **1999**.
- Participant in "Information and Networking Technology Workshop II". (INFONET II '99). Obafemi Awolowo University, Ile-Ife. Nigeria. 31st October - 6th November **1999**.
- Participant in "Y2K Awareness Workshop". The Federal Ministry of Science & Technology and National Coordinating Office for Millennium Bug (N-COMB) & Arit of Africa Ltd. Abeokuta. Nigeria. 2nd December, **1999**.

AWARDS, GRANTS AND HONORS:

At Marshall University:

- Chattered Statistician: Royal Statistical Society of England
- Fellow: Royal Statistical Society of England
- NSF Grant Proposal on Computational Mathematics (Joint) – Submitted but not funded
- Summer Research Grant Proposal: [\$2000.00], 2008.
- **A Member of the Core Writing Team/Grant Advisory Council** on Mathematics Integration Using Technology To Target Educational Needs (MITTEN) Project: The Region II Partnership of Mingo County Public Schools, Marshall University’s June Harless Center for Rural Educational Research and Development, and RESA II. \$189,000.00, 2006 – 2009.
- **Mathematics Specialist** on Project MATH: RESA II and Marshall University for the funded grant of \$189,000.00 serving 30 teachers in five of the six RESA II counties. 2007 – 2009.
- Quinlan Award of \$500.00, and other Travel Grants to attend the Joint Statistical Meeting of the American Statistical Association. Denver, Colorado. August 3 – 7, 2008.
- Summer Undergraduate Research Experience Fund Proposal (Support for Charles Lowe). [\$4000.00]. May – August 2007.
- NASA Research Enhancement Award (REA). \$3333.34 – November 2, 2007.
- INCO Grant to attend CAUSE Undergraduate Statistics Program Workshop”. Organized by the Consortium for the Advancement of Undergraduate Statistics Education. The Ohio State University, May 16 & 17, 2007.

- INCO Grant to attend United States Conference on the Teaching of Statistics (USCOTS). (17 – 19 May, 2007). The Ohio State University, Columbus, Ohio.
- Quinlan Award of \$500.00, and other Travel Grants to attend the Joint Statistical Meeting of the American Statistical Association. Salt Lake City, Utah. July 29 – August 2, 2007.
- Summer Research Grant Proposal: Denied [\$2000.00], 2007.
- Travel Support to attend the Continuing Statistics Educational Training in “Statistics Online Computational Resources (SOCR) & Consortium for the Advancement of Undergraduate Statistics Education (CAUSE)”. Los Angeles, CA. August 6 – 8, 2007.
- Travel Grant to attend the Joint Statistical Meeting of the American Statistical Association. Seattle, Washington, August 6 – 10, 2006.
- INCO Grant to attend MAA Short Course on the Teaching of Statistics with Baseball data. [Mount Union College, Alliance, Ohio], 2006.
- Summer Research Grant Proposal: [\$2000.00], 2006.
- Summer Undergraduate Research Experience Fund Proposal (Support for Charles Lowe). [\$4000.00], 2006.
- Travel Grant to attend the Joint Statistical Meeting of the American Statistical Association, 2005.
- INCO Grant to attend US Conference on the Teaching of Statistics. 2005.
- Summer Research Grant Proposal: Denied [\$2000.00], 2005.
- Travel Grant to attend “The Arts of Grantsmanship”, by the Council on Undergraduate Research, 2005.
- Summer Research Award: Marshall University [\$2000.00], 2004.
- National Honorary Mathematics Society: Elected to Pi Mu Epsilon in recognition of superior achievement in the field of mathematics, 2005.

Prior to Marshall University:

- Travel Grant to attend the Joint Statistical Meeting of the American Statistical Association. 1999.
 - Ten -Year (1983 – 1993) Service Award: University of Agriculture, Abeokuta. Nigeria. 1998.
 - European Economic Community Academic Faculty Award: University of Ibadan, Nigeria. 1993 – 1994.
 - European Economic Community Academic Staff Award: University of Sheffield, England. 1991 – 1992.
 - Federal Government of Nigeria Postgraduate Award: University of Ibadan. Nigeria. 1982 – 1983.
 - Ondo State Undergraduate Bursary Award: University of Ibadan, Nigeria. 1978 – 1980.
-

DEVELOPED COURSES

- **MTH345 – Applied Probability and Statistics:** Jointly developed with Drs. Laura Adkins and Yulia Dementieva, Department of Mathematics, Marshall University, 2005 – 2006.
 - Ongoing work on concentration in statistics at master's level, with colleagues.
-

SERVICES

At Marshall University:

- **PhD External Examiner:** Department of Statistics, University of Zimbabwe.
- **Book Review** (John Wiley): *Introductory Statistics, Technology Version*, 5th & 6th Editions by Prem S. Mann.
- **Journal Reviewing:** *Journal of Computational Statistics and Data Analysis; Journal of Statistical Computation and Simulation; Journal of Probability and Statistical Science.*
- **Statistical consulting** to colleagues and students in their research works.
- **Participated** in the College Board Validity Study Mathematics Rating Exercise, on the rating of entry level courses on behalf of the department, 2005 [MTH130, MTH225 & MTH229].
- **Graduate Committee & Graduate Advisor**, Department of Mathematics, Marshall University, 2007.
- Member: **University Academic Planning Committee.** 2005 – present
- Member: **University Commission on Multiculturalism.** 2006 – present
- Coordinating Member: **Lecture and Colloquium Committee.** 2005 – present
- Member: **MTH 121 & 225 Committee.** 2005 – 2006.
- Member: **Tenure Track Search Committee.** Marshall University, 2005 – 2006.
- Member: **Department Promotion Committee.** 2003 – present
- **Faculty Advisor:** Organization of African Students, 2005 – present
- **Assisted** with **SCORES**, and participating in West Virginia State **Mathematics Field Day**
- **Proctored** for a faculty in a Common Final, Spring 2007, and Fall 2007
- **Assisted** few colleagues in teaching their classes
- **Participated** in **WVSSEF** (State Science Fair) held at Marshall in March, 2006.
- **Judge** (Mathematics): 17th Annual District 14 Science Day, Shawnee State University, Portsmouth, OH. March, 2007.
- **Judge** (Mathematics): 59th Annual State Science Day of The Ohio Academy of Science, hosted by The Ohio State University, Columbus, Ohio, May 12, 2007.
- Series of **unsolicited efforts** to offer voluntary teaching assistance in mathematics at the AD Lewis Center.
- **Engaged** in series of **meetings and workshops** at Mingo County, on Mathematics Integration using Technology to Target Educational Needs Project, 2006 – 2007.

Prior to Marshall University:

- External Examiner: Federal Polytechnic, Ilaro. Ogun State. Nigeria.
- External Examiner: Ogun State Polytechnic, Abeokuta. Ogun State. Nigeria.
- Examiner: Chartered Institute of Bankers of Nigeria, (CIBN).
- Examiner: Institute of Chartered Accountants of Nigeria, (ICAN).
- Teaching: Statistics and Mathematics to Management, Banking, Finance and Insurance students for CIBN and ICAN examinations.
- **Coordinator:** Department of Mathematical Sciences, University of Agriculture, Abeokuta (UNAAB), Nigeria – Coordinating all the academic and administrative activities in the department, 1986 – 1989.
- **Coordinator:** Department of Mathematical Sciences, UNNAB – Coordinating all academic and administrative activities in the Department of Mathematical Sciences, 1995 – 1997.
- **Coordinator:** Computer Center, UNAAB - Coordinating the computing activities at the University Computer Center, 1997 – 2000.
- **Acting Head:** Department of Mathematical Sciences, UNAAB – Coordinating all academic and administrative activities in the department, 2000.
- **Member and Acting Chairman:** Nigerian University Network (NUNet – Internet and connectivity), UNAAB - Seeing to the smooth running of the e-mail, internet and other connectivity for the members of staff of the university.
- **Member:** Time Table and Examination Committee – Preparation of teaching and examination time tabling for the university (UNAAB).
- **Member:** Pre-Degree Committee – Admissions and the day to day running of the pre-degree program in the university (UNAAB).
- **Member:** Admission Committee – Processes involved in the admission of undergraduate students into the university (UNAAB).
- **Member:** Student Welfare/Hostel and Management Committee – Welfare and the supervision of the day to day running of the university's students' hostels (UNAAB).
- **Hall Master:** Male Students Hostel – seeing to the welfare and supervision of the day to day activities of the university's male students' hostels (UNAAB).
- **Member:** Science Laboratory Technical & Training Program Committee – Admissions and the day-to-day running of the non-degree laboratory technicians in the university (UNAAB).
- **Member:** Task Force on the Curriculum Development – Development of the University's academic Curriculum in respect of Mathematical Sciences (UNAAB).
- **Member:** Special Lecture and Publication Committee – Editing and production of the publications in the university (UNAAB).
- **Member:** Computer Management Committee – Policy making in the running of the university's computer center, (UNAAB).

PROFESSIONAL SOCIETIES

Current:

- American Statistical Association
- Royal Statistical Society of England
- Appalachian Collaborative Center for Learning Assessment & Instruction in Mathematics (ACCLAIM)
- Pi Mu Epsilon Honor Mathematics Society, 2005 – present

Past:

- Council for Undergraduate Research (CUR)
- South African Statistical Association (SASA)
- Nigerian Statistical Association
- Nigeria Mathematical Society
- Mathematical Association of Nigeria
- Chartered Institute of Statistics (CStat.). Former Institute of Statisticians, London.
- International Biometrics Society