

# RESUME

## 1. Personal Data

- [1.] Name Anthony Ekpo
- [2.] Date of Birth 31/10/1971
- [3.] Place of Birth Ibusa, Delta State
- [4.] Nationality Nigerian
- [5.] Permanent Home Address Km. 10 Ndiya-Eket Road, Ndiya, Nsit-Ubium LGA, Akwa Ibom State
- [6.] Address Department of Mathematics/Statistics/Comp Sci, University of Agriculture, Makurdi, Benue State
- [7.] Marital Status Married
- [8.] Date of first Appointment 22<sup>nd</sup> May, 2012
- [9.] Date Appointment Confirmed 6<sup>th</sup> July, 2014
- [10.] Present Rank and Salary Lecturer II, Grade Level 3 Step: 4
- [11.] Mobile +234 8034 634 602
- [12.] e-mail 1 tony21ng@yahoo.com  
e-mail 2 ekpo.anthony@uam.edu.ng
- [13.] Name(s) /Age(s) of Children Felix Sifon Anthony, 11 years<sup>+</sup>  
Joan Ekom Anthony, 9 years<sup>+</sup>  
Vincent Akaneno Anthony, 6 years<sup>+</sup>

## 2. Education:

- [1.] 2017/2018 Ph.D. Statistics, University of Agriculture, Makurdi, Nigeria (In-view)
- [2.] April 2016 M.Sc. Statistics (Biostatistics), University of Ilorin, Ilorin, Nigeria
- [3.] Sept. 2011 M.Sc. Statistics (Experimental Designs), University of Nigeria, Nsukka
- [4.] July, 2003 B.Sc. Statistics, University of Uyo, Nigeria. (2<sup>nd</sup> Class Upper Div.)
- [5.] Nov. 1995 OND, Maths/Statistics, AKS Polytechnic, Ikot-Osurua. (Upper Credit)
- [6.] Oct. 1989 SSCE, Government Day Secondary School, Zuru, Kebbi State, Nigeria
- [7.] June 1983 FSLC, Army Children's School, Zuru, Kebbi State, Nigeria

## 3. Language Skills:

- |                  | Writing | Speaking | Reading |
|------------------|---------|----------|---------|
| [1.] English     | V.Good  | V.Good   | V.Good  |
| [2.] Hausa       | Fluent  | V.Good   | Good    |
| [3.] Igbo        | Fluent  | V.Good   | Fair    |
| [4.] Efik-Ibibio | Fluent  | Good     | Fair    |

#### **4. Other Training Courses Attended:**

- [1.] HIV Basic Course: USAID; Global Health e-Learning Centre - 2010
- [2.] M&E Fundamentals: USAID; Global Health e-Learning Centre - . 2010
- [3.] M&E Frameworks for HIV/AIDS Progs; USAID-Global Health e-Learning Centre 2011
- [4.] Introduction to Nutrition: USAID-Global Health e-Learning Centre - 2011
- [5.] Oracle Database 10g Course- 2008
- [6.] Intermediate Acoustic Doppler Current Profiler (ADCP) Course- 2009
- [7.] Managing Nutrition and Mortality Survey Using Emergency Nutrition Assessment (ENA) software; Medecins Sans Frontiere (MSF-France) and Epicentre Paris- 2012

#### **5. Scholarship/Fellowship Received:**

- [1.] Sponsored African Delegate to the 57<sup>th</sup> Session of the World Statistical Conference (ISI 2009), in Durban, South Africa by the African Development Bank and the World Bank Group.
- [2.] Young Statistician Selected for free membership into the American Statistical Association (ASA) in 2009.

#### **6. Computer Literacy:**

- [1.] Proficient in use of Microsoft Professional
- [2.] Proficient in use of Statistical Package for Social Sciences (SPSS)
- [3.] Proficient in the use of Epi-info <sup>TM</sup> 7
- [4.] Proficient in the use of Emergency Nutrition Assessment (ENA for SMART) software
- [5.] Proficient in the use of Design-Expert

#### **7. Teaching/Cognate Experience with dates:**

##### **A. Teaching Experience with dates:**

- [1.] Lecturer II (2015 - Date) Department of Mathematics/Statistics/Computer Science
- [2.] Assistant Lecturer (2012-2015) Department of Mathematics/Statistics/Comp Science
- [3.] Part-time Statistics Lecturer, (April 2010-April 2011): University of Cambridge A-level Program, Fortune High School, 16 Udousoro Street, Effiat Offot, Uyo
- [4.] Sandwich Lecturer, (May 2013-date) Department of Science and Agricultural Education, College of Science Education,
- [5.] Demonstrator, (2009) Department of Statistics, University of Nigeria, Nsukka.  
Department of Statistics, University of Nigeria, Nsukka

## **B. Cognate Experience with dates:**

- [1.] Statistician/Database Manager, (May 2005- Mar 2010); International Union for Conservation of Nature's Komadugu Yobe Basin Project Kano, **IUCN-Gland, Switzerland.**
- [2.] Surveillance Supervisor, (Nov.2011-Mar.2012) MSF-Kazaure Nutrition Project, Jigawa State, **Medecins Sans Frontieres France (MSF-F) Nigeria.**
- [3.] Consultant Biostatistician (June, 2018): SMART and KAP Surveys for Health and Nutrition Project in Bama, Dikwa and Gamboru-Ngala LGAs, Borno State, North East Nigeria, **INTEROSOS – Humanitarian Aid Organization, Rome, Italy (OFDA/USAID)**

## **C. Courses taught/Student Supervision with dates:**

### **(i.) Undergraduate Teaching**

- [1.] STA 111: Basis Statistics 1 and STA 112: Basic Statistics II
- [2.] STA 232A: Sample Survey Methods, STA 232B: Economic and Social Statistics  
STA 211: Statistical Inference I, STA 212: Statistical Inference II
- [3.] STA 342: Statistical Quality Control and STA 311: Statistical Inference III
- [4.] STA 452: Psychometrics, STA 421: Biometric Methods and STA 461: Linear Models

### **(ii.) Undergraduate Projects supervision:**

- [1.] 2011/2012 session - 2 students (*Completed*)
- [2.] 2012/2013 session - 14 students (*Completed*)
- [3.] 2013/2014 session - 16 students (*Completed*)
- [4.] 2014/2015 session - 5 students (*Completed*)
- [5.] 2015/2016 session - 8 students (*Completed*)
- [6.] 2016/2017 session - 8 students (*Completed*)
- [7.] 2017/2018 session - 4 students (*On going*)

### **(iii.) Postgraduate (PGD Statistics) Teaching**

- [1.] STA 711: Applied Statistical Methods
- [2.] STA 732: Biomedical Statistics

### **(iv.) Postgraduate (PGD Statistics) Projects supervision:**

- [1.] 2012/2013 session - 4 students (*Completed*)
- [2.] 2013/2014 session - 5 students (*Completed*)
- [3.] 2014/2015 session - 5 students (*Completed*)
- [4.] 2015/2016 session – 3 students (*Completed*)
- [5.] 2016/2017 session – 1 student (*Completed*)
- [6.] 2017/2018 session – 2 student (*Ongoing*)

## **D. Administrative Positions at Departmental Level**

- [1.] Departmental Postgraduate Examination Officer (2013-2017)
- [2.] Departmental Welfare Committee Chairman (Sept. 2016-Date)
- [3.] Chairman, Departmental "100 level" Statistics Manual Committee (2014-2015).

## 8. Journal Publications/Conference Papers:

- [1.] P. E. Chigbu and **Ekpo, A** (2008), On the Circuits of the Three Optimal (4x4)/4 Semi-Latin Square Designs, *Journal of The Nigerian Statistical Association, Nigeria, Vol. 20, pg.1- 13, ISSN 0331-9504.*
- [2.] P. E. Chigbu and **Ekpo, A** (2010), On Adjacency Matrix and Connectedness of Three Optimal (4x4)/4 Semi-Latin Square Designs. *International Journal of Physical Sciences, India, Vol. 22, No 1(M), pg.1-16, ISSN 0970-9150*
- [3.] Udoumoh, E.F, **Ekpo, A** and Samuel, A.A (2016): Reliability Analysis of Crude Oil Exploration in Niger Delta, Nigeria. *International Journal of Science, Environment and Technology, India; Vol. 5, No 6, pg. 4560-4570, ISSN 2278-3687 (O) and 2277-663X (P)*
- [4.] **Ekpo, A** (August 2009), On Circuits and Automorphism Groups for Discriminating Three Optimal (4x4)/4 Semi-Latin Square Designs. *The Proceedings of the 57<sup>th</sup> Session of the World Statistical Conference (ISI 2009), Durban, South Africa*
- [5.] **Ekpo, A** (August 2009), On Adjacency Matrix and Connectedness of Three Optimal (4x4)/4 Semi-Latin Square Designs. *The 33<sup>rd</sup> Annual Conference of the Nigerian Statistical Association (NSA 2009), Gusau, Zamfara State, Nigeria*
- [6.] **Ekpo, A** (September 2012), Statistical Surveillance of Malnutrition and Mortality Trends In Kazaure LGA, Jigawa State, North-Western Nigeria (2010-2012). *The 36<sup>th</sup> Annual Conference of the Nigerian Statistical Association (NSA 2012), Makurdi, Benue State, Nigeria*
- [7.] **Ekpo, A** and Udoumoh, E. F. (2013), Trends of cluster malnutrition prevalence and hunger pattern in Kazaure local government area of Jigawa State, north-eastern Nigeria (2010-2012) *The Proceedings of the International Statistical Institutes-Regional Statistics Conference (ISI-RSC), Hong Kong, China, 25-30 August. 2013*
- [8.] **Ekpo, A** and Udoumoh, E. F. (2014), On Trends of Malnutrition Prevalence and Hunger Gaps in Kazaure Local Government Area of Jigawa State, North-Western Nigeria. *The International Statistical Institutes-Regional Statistics Conference (ISI-RSC), Kuala Lumpur, Malaysia, 16-19 Nov. 2014*
- [9.] **Ekpo, A** (July 2015). Surveillance of Under-Five Nutritional Status in North-Western Nigeria: An Ordinal Logit Modeling Technique. *Being an unpublished M.Sc. Statistics thesis submitted to the Department of Statistics, University of Ilorin, Ilorin, Kwara State, Nigeria.*

### **9a. Professional Memberships/Certifications:**

- [1.] International Statistical Institute (ISI) - Membership #13975
- [2.] Nigerian Statistical Association (NSA) - Membership # 2009060
- [3.] American Statistical Association (ASA) - Membership # 157145
- [4.] Managing Nutrition and Mortality Survey Using Emergency Nutrition Assessment (ENA) Software; Medecins Sans Frontier (MSF-France) and Epicenter, Paris- 2012

### **9b. Published Book:**

- [1.] **Ekpo, Anthony** (2016): *Fundamental Principles of Applied Statistics and Its Applications*. First published by *Selfers Academic Press Ltd.* #39 David Mark By-Pass, Makurdi, Benue State, Nigeria. ISBN: 978-978-52663-0-5

### **10. Current Research and Extensions**

- [1.] Categorizing Experimental Designs for Optimality from Combinatorial Point of view and Response Surface Methodology (RSM) with applications using Design-Expert (DX).
- [2.] Statistical Surveillance of Malnutrition Prevalence based on Mid-Upper Arm Circumference (MUAC), Weight-for-Height and Height-for-Age with applications using ENA for SMART

### **11. Contribution to Knowledge**

- [1.] Proffered solution to the problem of experimentation involving 16 treatments on 4 plots by using the best (4x4)/4 Semi-Latin Square Design.
- [2.] Showed how Hunger gaps and prevalence of malnutrition in Nigeria can be profiled using cluster surveillance of Malnutrition with the aid of Confidence Interval Estimation (CIE).
- [3.] Profiled the Proportional Odds of Age, Sex and Measles on Nutritional Status of Under-five Children in Nigeria Indexed by Mid-Upper Arm Circumference (MUAC).

## 12. Referees:

[1.] **Prof. Polycarp E. Chigbu**

Professor of Statistics  
Department of Statistics  
University of Nigeria, Nsukka  
Enugu State, Nigeria  
[pechigbu@yahoo.com](mailto:pechigbu@yahoo.com)  
08033930082

[2.] **Prof. M. E. Nja**

Professor of Statistics  
Department of Statistics  
University of Calabar  
Cross River State, Nigeria  
[mbe\\_nja@yahoo.com](mailto:mbe_nja@yahoo.com)  
07036507635

[3.] **Prof. M.U. Umoren**

Professor of Statistics  
Department of Mathematics/Statistics  
University of Uyo, Uyo  
Akwa Ibom State, Nigeria  
[muumoren@uniuyo.edu.ng](mailto:muumoren@uniuyo.edu.ng)  
08035826512

[4.] **Dr. Jonathan A. Ikuhgur**

Senior Lecturer/PG-Coordinator  
Department of Mathematics/Statistics/Computer Science  
University of Agriculture, Makurdi  
Benue State, Nigeria  
[atsua2014@yahoo.com](mailto:atsua2014@yahoo.com)  
08136353424