

JAKPERIK DIOGGBAN

(CURRICULUM VITAE)

PERSONAL DATA

Date of Birth: 27th March, 1983
Hometown: Bimbagu
Nationality: Ghanaian
Languages Spoken: Moar, Mampruli, English
Contact Address: UDS, FMS, P.O. Box 24, Navrongo, Ghana, West Africa
Telephone Number: +233207509374 / +233243801334
Email Address: jdiogban@uds.edu.gh/jdioggban@gmail.com
Hobbies: Listening to News, Watching Soccer

EDUCATIONAL BACKGROUND

1. University Education

i. Educational Institutions Attended

Dates

Pan African University, Institute for Basic Sciences, Technology and Innovation, Kenya	2016 - 2019
University for Development Studies, Ghana	2009 - 2011
University for Development Studies, Ghana	2003 - 2007

ii. Qualifications with Dates:

Academic Degree/Certificate

Date of Award

PhD Mathematics (Statistics Option)	November, 2019
MSc. Applied Statistics	December, 2011
BSc. Mathematics (Statistics Option), 1 st Class Honors	December, 2007

2. Pre-University Education

- i. Name of Institution: Nalerigu Secondary School
Period of Schooling: 2000 - 2002
Qualification Obtained: SSSCE Certificate

- ii. Name of Institution: Binde Junior Secondary School
Period of Study: 1997 - 1999
Qualification Obtained: BSCE Certificate

- iii. Name of Institution: Binde Primary School
Period of Study: 1995 - 1996
Qualification Obtained: N/A

- iv. Name of Institution: Ngamah Gberuk Primary School
Period of Study: 1991 - 1993
Qualification Obtained: N/A

WORK EXPERIENCE

- i. Lecturer, 2012 - Date
University for Development Studies
Statistics Department

- ii. Senior Research Assistant, 2008 – 2011
University for Development Studies
Statistics Department

- iii. Teaching Assistant, 2007 – 2008
University for Development Studies

Statistics Department

- iv. Attachment (Management Information System), June, 2006 – August, 2006
Bunkpurugu-Yunyoo District Mutual Health Insurance Scheme
- v. Senior Field Supervisor, September, 2010 – December, 2010
2010 Population and Housing Census
Bunkpurugu-Yunyoo District

COMMUNITY RESEARCH EXPERIENCE

- Supervised at least thirty (30) undergraduate project students and co-supervised two (2) Masters students.
- Undertook a three year Community Development research in the Maluwe community of the Northern Region of Ghana leading to the production of:
 - i. A proposal on Micro-Credit finance to the Maluwe Community in the Bole District of the Northern Region of Ghana (June, 2006).
 - ii. Problems and Potentials of the Maluwe Community in the Bole District of the Northern Region (June, 2005).
 - iii. A Profile of the Maluwe Community in the Bole District of the Northern Region (June, 2004).

LIST OF PUBLICATIONS

1. **Jakperik Diogban**, Romanus Odhiambo Otieno and Gorge Otieno Orwa (2019). Variance Estimation for Poverty Indicators via Linearization Techniques. *Journal of Computations and Modeling*. Vol. 9 (1): pp 1-9
2. **Jakperik Diogban**, Romanus Odhiambo Otieno and Gorge Otieno Orwa (2019). Inference on Poverty Indicators for Ghana. *Journal of Statistical and Econometric Methods*. Vol 8(1), PP 83 - 96.
3. **Jakperik Diogban**, Romanus Odhiambo Otieno and Gorge Otieno Orwa (2018). A Semi-Parametric Multiplicative Bias Reduction Density with a Parametric Start. *Journal of Advances and Applications in Statistics*. Vol. 53(6), PP 715-729.
4. Azasoo M. A., **Jakperik D.** and Luguterah A. (2017). Modeling the Determinants of Fertility Differentials among Women of Child Bearing Age in Ghana. *Current Journal of Applied Science and Technology*. Vol. 22(4): pp 1-8.
5. Puuviel Y. E., **Jakperik D.** and Adjabui M. J. (2017) Modelling the Dual Potential of Cowpea in the Lawra-Yagtuuri in the Upper East Region. *Journal of Experimental Agriculture International*. Vol. 15(5): pp 1-8.

6. Isaac Z., Abukari A. and **Jakperik D.** (2016). Statistical Analysis of Weight Gain of Children Under-five Years in the Kintampo Municipality, Ghana. *British Journal of Mathematics & Computer Science*. Vol. 19(6): PP 1-11
7. Adogoba Desmond Sunday, Albert Luguterah and **Jakperik Diogban** (2016). Yield Stability and Genotype by Environment Interaction of Fifteen Rice (*Oryza Sativa* L) Genotypes Evaluated under Rainfed and Irrigated Conditions in Northern Ghana. Proceedings - International Conference on Industrial Engineering and Operations Management, Kuala Lumpur, Malaysia, March 8-10, 2016.
8. **Jakperik D.**, Anzagra L. and Ozoje M. O. (2015). Characterization of Prognostic Factors for Recovery in Tuberculosis Patients in Northern Ghana. *Mathematical Theory and Modeling*. Vol. 5(13): pp 67-70.
9. Nang B. D. and **Jakperik D.** (2015). Forest Composition and Productivity Changes as Affected by Human Activities in the Natural Forest-Savanna Zone in Northern Ghana. *Journal of Ecology and the Natural Environment*. Vol. 7(4): pp 94 – 105.
10. **Jakperik D.** and Oduro S. (2013). Statistical analysis of factors affecting crop production in Navrongo, Tono irrigation dam a case study. *Albanian J. Agric. Sci.* Vol. 12 (1): pp 33 – 36.
11. **Jakperik D.** and Acquaye B. K. (2013). Assessing the Effects of Prognostic Factors in Recovery of Tuberculosis Patients in the Upper West Region. *Mathematical Theory and Modeling*. Vol. 3(11): pp 88 – 90.
12. Anzagra L., **Jakperik D.** and Yohane, K. T. (2013). Marital Survival in the Upper East Region of Ghana. *Journal of Humanities and Social Sciences*. Vol. 3(17): pp 40-46.
13. **Jakperik D.** and Ozoje, M. O. (2012). Survival Analysis of Average Recovery Time of Tuberculosis Patients in Northern Region Ghana. *International Journal of Current Research*, Vol. 4(9): pp 123- 125.

LEADERSHIP POSITIONS HELD

- Academic Quality Assurance Coordinator, Statistics Department, 2015 - 2016
- Projects and Seminars Coordinator, Statistics Department, 2012 - 2014
- Senior Field Supervisor in the 2010 Population and Housing Census, Bunkpurugu-Yunyoo District, September – November, 2010.
- Federation of Universities Senior Staff Association of Ghana Representative, Navrongo Campus (6th February, 2009 – 22nd October, 2010)
- Graduate Students' Association of Ghana President, Navrongo Campus, September 2010 - July, 2011.

RESEARCH PROJECT

- An Empirical Assessment of Adaptive Cluster Sampling Over Conventional Sampling, *Bachelor of Science Dissertation, University for Development Studies, 2007.*
- Survival Analysis of Average Recovery Time of Tuberculosis Patients in Northern Region, Ghana. *Master of Science Dissertation, University for Development Studies, 2011.*
- Robust Variance Estimation for Poverty Indicators using Linearization Techniques. *Doctor of Philosophy in Mathematics (Statistics Option) Thesis, Pan African University, Institute for Basic Sciences, Technology, and Innovation, 2019.*

COMPUTER KNOWLEDGE

- A Computer Literate in Soft Wares Such As Microsoft Word, Power Point, and so on.
- Conversant With the Use/Application of Statistical Packages Such as R, SAS, SPSS, Genstat, Epi-Data, SOLAS in Data Organization and Analysis

CONFERENCES AND SEMINARS ATTENDED

- 19th– 22rd November, 2018: Southern Africa Mathematical Sciences Conference on the theme “*Mathematical Sciences: A Catalyst in Driving a Knowledge Based Economy*”. Contributed talk entitled “Robust Variance Estimation by Linearization Techniques for Poverty Indicators”
- 15th– 18th July, 2012: UDS First Graduate Conference on the theme “*Postgraduate Education and Research at the Center Stage for the Eradication of Extreme Poverty and Hunger in Northern Ghana*”. Contributed talk entitled “Survival Analysis of Average Recovery Time of Tuberculosis Patients in Northern Region, Ghana”, and won a prize for the third best paper of the conference.
- 5th– 6th September, 2012: Sixth Annual Inter-Faculty Lecture Series on Navrongo Campus. Contributed talk entitled “Statistical Analysis of Factors Affecting Crop Production in Navrongo, Tono Irrigation Dam a Case Study.
- 26th November, 2006: Career Skills Building Seminar by Youth Employment Summit, Ghana-Country Network.
- 5 – 7th June, 2008: Second Annual inter-faculty seminar series on Navrongo campus, UDS, Ghana.

REFEREES

Prof. Albert Luguterah
University for Development Studies
Tel: +233244701150/+233205191000
Email: adlugu@yahoo.com

Dr. Solomon Sarpong
Head of Statistics Department
University for Development Studies
Tel: +233244149600/+233202775937
Email: ssarpong@uds.edu.gh