

# Isaac Akpor Adjei

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## General Information

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Contact : Department of Statistics and Actuarial science, KNUST, Kumasi

Place of Birth : Tema (Ghana)

Date of Birth : 13/05/1980

Marital status: Married

Mobile : + 233 205190049

Email: isaac.adjei@gmail.com , iaadjei.sci@knust.edu.gh

Skype: isaacakporadjei

ResearchGate : <https://www.researchgate.net/profile/Isaac-Adjei-4/>

Google Scholar: [scholar.google.com/Isaac\\_Akpor\\_Adjei](https://scholar.google.com/Isaac_Akpor_Adjei)

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## Career Objective

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Seeking to build a long-term career in Biostatistics/ Epidemiology with opportunities for career growth so as to enhance my professional skills.

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## ACADEMIC DEGREES EARNED WITH DATES

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Master of Statistics with Specialization in Biostatistics (Distinction)	September 2013 - August, 2015
Master of Science in Mathematics	September, 2004 - May, 2006
Bachelor of Science in Mathematics (Second class upper)	August, 1999 - July, 2003
Senior Secondary Certificate	February, 1995 - December, 1997

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## INSTITUTIONS ATTENDED WITH DATES

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University of Hasselt, Belgium	September 2013 - August, 2015
Kwame Nkrumah University of Science and Technology, Ghana.	September, 2004 - May, 2006
Kwame Nkrumah University of Science and Technology, Ghana.	August, 1999 - July, 2003
Akwamuman Senior High School	February, 1995 - December, 1997

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## Membership

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A member of Sub-Saharan African Network of International Biometric Society  
Ghana Science Association

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## ACADEMIC RANKS HELD

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i. Study leave	September 2013 - August 2015
ii. Lecturer, (KNUST)	September 2007 - 2018
iii. Senior Lecturer, (KNUST)	August 2019 - to date

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## Awards/ Fellowships

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VLIR ICP Scholarship	September, 2013 - August, 2015
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## Conferences/Seminars and Workshops attended

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1. 3<sup>rd</sup> Biennial College Research Conference, Eusbett Hotel, Sunyani, 26<sup>th</sup> July, 2012.
2. GSA Kumasi Branch 2<sup>nd</sup> One-Day Research Seminar, KNUST 10<sup>th</sup> April, 2013
3. E-Resources, 'Turnitin' and Ref. Management Workshop, KNUST, 1<sup>st</sup> - 3<sup>rd</sup>, February, 2017.
4. 2<sup>nd</sup> MSc. Industrial Mathematics Thesis Seminar, KNUST 17<sup>th</sup> and 18<sup>th</sup>, September, 2012
5. BSc. Actuarial Science Project Seminar, KNUST, 24<sup>th</sup>, September, 2016
6. Problem Based Learning Workshop, KNUST 22<sup>nd</sup> and 23<sup>rd</sup>, September, 2016
7. International Hexa-Symposium on Biostatistics, Bioinformatics, and Epidemiology, November 14 and 15, 2013. Hasselt University, Campus Diepenbeek, Building D, 3590 Diepenbeek.
8. Scientific Conference of the Sub-Saharan African Network of the International Biometric Society (SUSAN-IBS). 1-5 July, 2013. Accra, Ghana.
9. DIMACS/MBI US - African BioMathematics Initiative: Workshop on Genetics and Disease Control, August 8-12, 2011, Elmina, Ghana,
10. 1st KNUST Workshop on Mathematical and Computational Methods in Biology and Medicine: Modeling Complex Systems, Kumasi Ghana. 12th June 3rd July, 2008.
11. 10th Scientific Conference of the Sub-Saharan African Network of the International Biometric Society (SUSAN-IBS), 23-27 July, 2007. KNUST, Ghana.
12. Statistics and Biometry workshop, 3-8 January, 2005. Kwame Nkrumah University of Science and Technology, Ghana.
13. Workshop on Enhancing Entrepreneurship, Inovation and Sustainability in Higher Education in Africa (EEISHEA), 08/04/2009, KNUST.

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## List of Publications

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1. **Adjei, I.A.**; Karim, Md R.; Muleia, R. and Jouck, P. *Modelling MMSE evolution of elderly hip fracture patients on pre-operative cognitive status and age*. Electronic Journal of Applied Statistical Analysis (submitted)
2. Barnes B, **Adjei I.A.**, Hughes G, Amartey LT (2019) The Mathematical Modelling of Refuse Build-Up on the University Campus: A Case Study of KNUST Campus. *J Appl Computat Math* 8: 442. doi: 10.4172/2168-9679.1000442
3. **Isaac Akpor Adjei**, Md. Rezaul Karim, Rachid Muleia, Peter Jouck. Dependency of the Distribution of Salmonella-Specific Antibodies SP-Ratios on Weight and Sampling Time. *American Journal of Theoretical and Applied Statistics*. Vol. 5, No. 3, 2016, pp. 87-93. doi: 10.11648/j.ajtas.20160503.12

4. **Adjei I.A.** and Karim, R. (2016). An Application of Boots-trapping in Logistic Regression Model. *Open Access Library Journal*, 3: e3049. <http://dx.doi.org/10.4236/oalib.1103049>
5. **Adjei I.A.**, Md Karim R., Muleia R., Jouck P. *Evolution of Hearing Thresholds and the Effect of Age*. British Journal of Applied Science Technology 16(1): 1-9, 2016, Article no.BJAST.25948 ISSN: 2231-0843, NLM ID: 101664541
6. Effah-Manu, L., Oduro, I., Addo, A. and **Adjei I.A** (2015). *Mathematical Modelling of Infra-red Drying of Mango-Sweetpotato Leathers* Scholars Journal of Engineering and Technology, Volume-3: Issue-4A (June-July, 2015).
7. J. K. Hagan, **I. A. Adjei**, A. Baah (2013). “*EFFECTS OF EXTENDED PERIOD OF STORAGE AND STRAIN OF LAYER ON QUALITY OF CHICKEN EGGS*”. Journal of Science and Technology, Vol 33, No 2 (2013),pp 1-11. <http://dx.doi.org/10.4314/just.v33i2.1>.
8. Hagan J. K., M. Bosompem, **Adjei A. I.** (2013). “*THE PRODUCTIVE PERFORMANCE OF LOCAL CHICKENS IN THREE ECOLOGICAL ZONES OF GHANA*”. ARPN Journal of Agricultural and Biological Science, Volume 8(1), January 2013. [http://www.arpnjournals.com/jabs/volume\\_01\\_2013.htm](http://www.arpnjournals.com/jabs/volume_01_2013.htm).
9. Hagan J. K., **Adjei A. I.** (2012). “*EVALUATION OF THE GROWTH AND CARCASS YIELD CHARACTERISTICS OF CROSSBRED NAKED-NECK AND FRIZZLE COCKEREL PHENOTYPES REARED UNDER HOT AND HUMID ENVIRONMENTS*”, ARPN Journal of Agricultural and Biological Science, VOL. 7, NO. 8, AUGUST 2012. [http://www.arpnjournals.com/jabs/volume\\_08\\_2012.htm](http://www.arpnjournals.com/jabs/volume_08_2012.htm).
10. **I. A. Adjei**, S. O. Dapaah, I.K. Dontwi (2010). “*Predicting the Best Genotype from Analysis of Genotype by Environment Interaction*”. European Journal of Scientific Research, Vol.45 No.1 (2010), pp.128-135 .
11. Isaac W. Ofosu, **Isaac A. Adjei**, Franklin B. Apea Bah, Paula N. Kwetey, Gloria M. Ankar-Brewoo, Ibok Oduro, William O. Ellis (2009). “*Quantitative Descriptive Sensory Analysis of the Performance of Pregelatinised Starch-Protein Admixtures as Fat Mimetic in Wheat Bread*”, Pakistan Journal of Nutrition, Volume 8 (10), 2009, Pages 1559-1566.

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## References

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**Prof. I. K. Dontwi**

Department of Mathematics

KNUST, KUMASI

Email: ikdontwi.sci@knust.edu.gh

**Prof. F. T. Oduro**

Department of Mathematics

KNUST, KUMASI

Email: ftoduro@gmail.com

**Prof. (Mrs). Atinuke Adebajji**

Head of Department of Mathematics

KNUST, KUMASI

Email: tinuadebanji@gmail.com

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