

DR. KIKECHI CONLET BIKETI

PERSONAL INFORMATION

NAME: Conlet Biketi Kikechi (PhD)

NATIONALITY: Kenyan

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POSTAL ADDRESS: P.O Box 7940 – 00200-Nairobi-Kenya or
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DATE OF BIRTH: 24th April 1975

GENDER: Male

MARITAL STATUS: Married

NAME OF SPOUSE: Evelyn Nelima Kikechi

CHILDREN: Wayne Tolometi Kikechi
Virginia Nakimweyi Kikechi
Ryan Biketi Kikechi

RELIGION: Christian

CURRENT EMPLOYER: Pwani University

POSITION: Lecturer of Statistics and Operations Research

CAREER SUMMARY

I'm an experienced public servant in the academic division ranging from middle level colleges to various reputable university institutions. I have since my first degree graduation been actively involved in the education sector as a lecturer, examiner, researcher and curriculum developer. Currently, I am a research fellow at Pwani University in the Department of Management Science. My research interest areas are; Mathematics, Statistics, Quantitative Analysis, Operations Research and Project Management. I have professionally guided and supervised graduate students in their research projects/thesis. My PhD thesis titled "Model Based Robust Estimation of Finite Population Total using the Procedure of Local Linear Regression" was successfully defended at the School of Mathematics of the University of Nairobi. The supervisors of the thesis were Prof. Richard Onyino Simwa and Prof. Ganesh Prasad Pokhariyal of the University of Nairobi, Kenya and examined by Prof. Henry Mwambi of the University of Kwa Zulu-Natal, South Africa, Prof. Moses Manene and Prof. Isaac Kipchirchr of the University of Nairobi, Kenya.

EDUCATION

| ACADEMIC WORK | INSTITUTION | AWARD | DURATION |
|-----------------------|--------------------------------|--|-----------------|
| Doctor of Philosophy | University of Nairobi | PhD Mathematics (Mathematical Statistics) | 2016 – 2019 |
| Master of Science | University of Nairobi | MSc Mathematics (Statistics) | 2000 – 2002 |
| Bachelor of Education | University of Nairobi | BEd Double Maths (Statistics Major) | 1996 – 2000 |
| Secondary Education | St. Mary's High School Kibabii | K.C.S.E | 1991 – 1994 |
| Primary Education | Makunga SA Primary School | K.C.P.E | 1981 – 1990 |

WORK EXPERIENCE

| RESPONSIBILITY | PLACE OF WORK | DURATION |
|---------------------------------|-----------------------|-----------------|
| Lecturer/Research fellow | Pwani University | 2010 – Present |
| Adjunct Lecturer and Consultant | University of Nairobi | 2003 up to date |
| Adjunct Lecturer and Consultant | CUK | 2015 up to date |
| Adjunct Lecturer and Consultant | Egerton University | 2007 – 2010 |
| Adjunct Lecturer and Consultant | Kenyatta University | 2006 – 2010 |
| Adjunct Lecturer and Consultant | Moi University | 2004 - 2019 |

LIST OF TEACHING AREAS / RESEARCH INTERESTS

1. Mathematics
2. Mathematical Statistics/Applied Statistics
3. Statistical theory
4. Statistical methods
5. Sample Surveys
6. Operations Research
7. Network Analysis
8. Quantitative Analysis
9. Financial Mathematics

LIST OF RESEARCH / PUBLICATIONS

1. “On Empirical Modelling of HIV/AIDS Cases in Kenya”, *to appear*.
2. “On Local Polynomial Regression Estimators in Finite Populations”; *International Journal of Statistics and Applied Mathematics, India*, Vol. 5, No. 1, pg. 58 – 63, (2020).
3. “On Prediction Based Robust Estimators of Finite Population Totals”; *International Journal of Statistics and Applied Mathematics, India*, Vol. 4, No. 6, pg. 101 – 107, (2019), with R.O. Simwa² & G.P. Pokhariyal³.
4. “Model Based Robust Estimation of Finite Population Total using the Procedure of Local Linear Regression”; *PhD Thesis, successfully defended in the School of Mathematics of the University of Nairobi*, October 15, (2019).
5. “Results on Model Based Robust Estimation in Finite Populations”; *Proceedings of the Machakos University 2nd Annual International Conference, Machakos University Hotel and Conference Centre-Kenya*, pg. 837 – 852, 24th – 26th April, (2019).
6. “On Comparison of Local Polynomial Regression Estimators for $P = 0$ and $P = 1$ in a Model Based Framework”; *International Journal of Statistics and Probability, Canada*, Vol. 7, No. 4, pg. 104 – 114, (2018), with R.O. Simwa².
7. “On Local Linear Regression Estimation of Finite Population Totals in Model Based Surveys”; *American Journal of Theoretical and Applied Statistics, USA*, Vol. 7, No. 3, pg. 92 – 101, (2018), with R.O. Simwa² & G.P. Pokhariyal³.
8. “On Local Linear Regression Estimation in Sampling Surveys”; *Far East Journal of Theoretical Statistics, India*, Vol. 53, No. 5, pg. 291 – 311, (2017), with R.O. Simwa² & G.P. Pokhariyal³.
9. “The Effects of Miraa trade on Farmers Wealth; A Case Study of Farmers in Meru North District, Kenya”; *International Journal of Current Business and Social Sciences, New York, USA*, Vol. 1, No. 2, pg. 304 – 323, (2014), with J.K. Mailutha¹.

10. “Project Management Tools and Techniques”; *Kenyatta University, Institute of Open, Distance and eLearning, Course Hero, Online Learning Platform, Redwood City, California, USA (2009)*.
11. “Estimation and Projection of HIV/AIDS situation in Kenya”; *MSc Thesis, University of Nairobi, Kenya (2002)*.

LIST OF CONFERENCES / WORKSHOPS ATTENDED

1. Machakos University 2nd Annual International Conference on Supporting Green Growth and Knowledge Economy through Research Innovation and Technology for Sustainable Development, 24th – 26th April (2019), Machakos University Hotel and Conference Centre, KENYA.
2. Curriculum Review Workshop for Management Science, Economics and Business Management, 3rd – 4th July (2017), Pwani University Hotel and Conference Centre, KENYA.
3. Module Writing and Vetting Workshop, 1st Session of the Open, Distance & e-Learning, 2nd – 6th November (2009), Kenyatta University Conference and Computer Centre, Nairobi, KENYA.
4. Module Writing and Vetting Workshop, 2nd Session of the Open, Distance & e-Learning, 19th – 20th November (2009), Kenyatta University Conference and Computer Centre, Nairobi, KENYA.
5. Retooling Training Workshop on the use of Moodle Platform for Open, Distance & e-Learning Teaching Staff, 14th September (2009), Kenyatta University AVU Computer Laboratory 5, Nairobi, KENYA.
6. AAU-EASRN Conference on HIV / AIDS Mainstreaming and Integration into the University Curriculum, 27th – 28th March (2013), North Coast Beach Hotel, Mombasa, KENYA.
7. Curriculum Review Workshop for Management Science, Economics and Business Management, 13th – 17th December (2010), Pwani University Hotel and Conference Centre, KENYA.

8. Case Method Workshop, a Competitiveness Project, May (2007), at the Kenya Utalii College Hotel and Conference Centre, MERC GBSN KENYA.
9. Family Planning Private Sector Workshop on Community Health Awareness Education, 25th – 27th February (2000), University of Nairobi, KENYA.

LIST OF POSTGRADUATE PROJECT SUPERVISION (COMPLETED)

1. **Dau Malek Dau.** Investigating Factors Affecting Loan Uptake in Kenya, Msc (2021)
2. **Doreen A. Omollo,** Factors Affecting the Effectiveness of Audit Committees in the Public Sector: A Case of Government of Kenya Ministries, MBA (2009)
3. **Odero Donyo Dorothy,** The Impact of Strategic Change on Target Revenue Collections at the Kenya Revenue Authority, MBA (2009).
4. **Muinde E.M. Ishmael,** The Effects of Juhudi Micro Finance Program on the Performance of Small Scale Enterprises in Matuu Town Council, Yatta District, Kenya, MBA (2009).
5. **Symon Njuiri Wamutu,** Determinants of Capital Structure of Real Estate Firms in Kenya: A Case of Nairobi Real Estate Firms, MBA (2009).
6. **Jared Raburu,** Factors Influencing Quality Customer Service Delivery in Kenya Airways, MBA (2009).
7. **Duncan Mwangi Munyasi,** Factors Motivating Membership into the Institute of Certified Public Accountants of Kenya (ICPAK), MBA (2007).
8. **Mutua Zakaria,** Factors that Influence the Choice of Retail Outlets: A Case Study of Uchumi Supermarkets, MBA (2007).
9. **John Kariuki Mwangi,** Factors Affecting Quality of Service Delivery: A Case of Nairobi Water Company, MBA (2006).

10. Gilbert Chebii, Analysis of Factors that Contribute to Employee Resistance to Organizational Change, MBA (2006).

11. Samwel Mwangi Gachugia, Factors affecting Financial Performance of Private Water Firms in Kenya: A Case of Nairobi City Water and Sewerage Company LTD, MBA (2006).

12. Harun Ali Ahmed, A Study of the Factors Causing Job Satisfaction Among Teachers in Secondary Schools in Malindi District Central Zone-Kenya, MBA (2006).

LIST OF MEMBERSHIP IN ORGANIZATIONS

1. Biometric Society of Kenya
2. Kenya Mathematical Society
3. Kenya Institute of Management

REFEREES

1. Prof. Richard O. Simwa,
School of Mathematics,
University of Nairobi,
P.O Box 30197-00100 – Nairobi.
Tel. +254-722-771-902
2. Prof. Jairus M. Khalagai,
School of Mathematics,
University of Nairobi,
P.O Box 30197-00100 – Nairobi.
Tel. +254-722-866-110
3. Prof. Stephen W. Luketero,
School of Mathematics,
University of Nairobi,
P.O Box 30197-00100 – Nairobi.
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