

# CURRICULUM VITAE

1. **Surname:** Kinyanjui  
**Other names:** Josphat Kamau

2. **Current Address:**  
School of Pure and Applied Sciences,  
Karatina University,  
P.O. Box 1957 - 10101,  
Karatina.  
**Tel. No.:** 0720649845  
**E-mail:** [jkinyanjui@karu.ac.ke](mailto:jkinyanjui@karu.ac.ke)

3. **PERSONAL INFORMATION:**

**Date of birth:** 14-11-1969

**Nationality:** Kenyan

**Sex:** Male

**Marital Status:** Married

4. **CAREER OBJECTIVE:**

Become a valuable member of a team that optimizes institutional productivity through on-the job training and personal development. Through my contribution to the mission, vision and objectives of the institution, achieve a merit-based rise from operational level to the policy making level.

5. **ACADEMIC BACKGROUND:**

**5.1. Basic Education**

<b>Name and address of Institution</b>	<b>From/to</b>	<b>Certificates obtained</b>
St. Mary's Boarding School	1976 - 1982	CPE

## **5.2. Higher Education**

<b>Name and address of Institution</b>	<b>From/to</b>	<b>Certificates obtained</b>
Sagana Technical School, Box 24, Sagana, Kenya.	1983-1986	KCE
Githumu High School, Box 468, Thika, Kenya.	1987-1988	KACE

## **5.3. Undergraduate University Education**

<b>Name and address of Institution</b>	<b>From/to</b>	<b>Certificate obtained</b>
Moi University, Box 3900, Eldoret, Kenya.	1989-1992	B.Sc. (First-Class Honours Degree)

## **5.4. Post-Graduate University Education**

<b>Name and address of Institution</b>	<b>From/to</b>	<b>Certificates obtained</b>
Moi University, Box 3900, Eldoret, Kenya.	1993-1995	M. Phil in Mathematics (Biostatistics)
Limburgs Universitair Centrum, Diepenbeek, Belgium.	1999-2000	M.Sc. in Applied Statistics
Limburgs Universitair Centrum, Diepenbeek, Belgium.	2000-2001	M.Sc. in Biostatistics
Moi University, Box 3900, Eldoret, Kenya.	2003-2007	D. Phil in Biostatistics

## **6. WORKING EXPERIENCES:**

- 1996 – 1997: Part-time Lecturer, Moi University, Eldoret, Kenya.
- 1997 – 2008: Tutorial Fellow, Moi University, Eldoret, Kenya.
- 2008 – 2010: Lecturer, Moi University, Eldoret, Kenya.
- 2010 – July, 2011: Lecturer, Karatina University, Kenya.
- August, 2011 – January 2015: Senior Lecturer, Karatina University, Kenya.
- February 2015 – To date: Associate Professor, Karatina University, Kenya.

## **7. DEPARTMENTAL, SCHOOL AND UNIVERSITY ADMINISTRATION EXPERIENCES:**

- 1997 – 1999: School Timetable and Examination Coordinator, School of Science, Moi University.
- 2003 – 2006: Campus Timetable and Examination Coordinator, Chepkoilel Campus.
- 2006 – 2008: B.SC (Applied Statistics with Computing) programme Coordinator, Department of Mathematics and Computer Science, Chepkoilel Campus.
- 2008 – 2010: School of Science programmes Coordinator, Central Kenya Campus, Moi University.
- 2010 – 2014: Ag. Information and Communications Technology Director, Karatina University.
- 2010 – 2011: Ag. Dean, School of Pure and Applied Sciences, Karatina University College.
- 2011 – To date: Dean, School of Pure and Applied Sciences, Karatina University.
- 2019 – To date: Ag. Dean, School of Nursing and Public Health, Karatina University.
- Ag. Deputy Vice Chancellor (Academic, Research and Student Affairs). Have acted for the DVC (ARSA) on several occasions while on leave.

- Ag. Deputy Vice Chancellor (Planning, Finance and Administration). Have acted for the DVC (PFA) on several occasions while on leave.

## 8. PUBLICATIONS AND RESEARCH UNDERTAKEN:

1. On Bayesian Estimation of Parameters of Weibull and Pareto Distributions Using Linex Error Loss Function. *M.Phil (Mathematics (Biostatistics)) Thesis (1995), Submitted to Moi University, Eldoret, Kenya.*
2. The Achilles Project: The quality of Life Analysis. *M.Sc (Applied Statistics) Project (2000), Submitted to Limburgs Universitair Centrum, Diepenbeek, Belgium.*
3. A clinical study investigating the characteristics of recurrence of symptoms after withdrawing treatment with ZELMAC® drug in patients with constipation-predominant irritable bowel syndrome. *M.Sc (Biostatistics) Project (2001), Submitted to Limburgs Universitair Centrum, Diepenbeek, Belgium.*
4. Some Optimal Designs for Second-degree Kronecker Model Mixture Experiments. *D.Phil ((Biostatistics)) Thesis (2007), Submitted to Moi University, Eldoret, Kenya.*
5. Kinyanjui, J.K., Korir, B.C. and Koske, J.K. (2008). A clinical study investigating the characteristics of recurrence of symptoms after withdrawing treatment with ZELMAC® drug in patients with constipation-predominant irritable bowel syndrome. *East African Journal of Pure and Applied Sciences (EAPAS), Vol. 1, 125 – 132.*
6. Korir, B.C., Kinyanjui, J.K., and Koske, J.K. (2008). An Application of a Four - Component Simplex-Centroid Design for the Second-degree Mixture Models: The Formulation of a Tropical Beverage. *East African Journal of Pure and Applied Sciences (EAPAS), Vol. 1, 113 – 120.*
7. Kinyanjui, J.K., Koske, J.K. and Korir, B.C. (2009). Optimal Kiefer ordering of Simplex Designs for Second-degree mixture models with three

- ingredients: An application to the blending chemical pesticides for control of termites. *Journal of Agriculture, Pure and Applied Sciences and Technology (JAPAST)*, **Vol. 2**, 45 – 63.
8. Korir, B.C., Kinyanjui, J.K., and Koske, J.K. (2009). Kiefer ordering of Simplex Designs for Third-degree mixture models with two ingredients: *Journal of Agriculture, Pure and Applied Sciences and Technology (JAPAST)*, **Vol. 3**, 11 – 22.
  9. Mutiso, J.M. and Kinyanjui, J.K. (2010). Orientwide Kenya Tourism Industry (1971 – 1980). *Journal of Mathematical Sciences*, **Vol. 21**, 223 – 232.
  10. Mutiso, J.M. and Kinyanjui, J.K. (2011). Non Kenyan Africawide Kenya Tourism Industry (1971 – 1980). *Journal of Mathematical Sciences*, **Vol. 22**, 21 – 30.
  11. Keter, K.A., Otieno, R.A., and Kinyanjui, J.K. (2011). Sample Size For A Randomized Paired Screen Positive Design. *Journal of Biostatistics*, **Vol. 6, Number 2, PP 97 – 108**.
  12. Mutiso, J.M. and Kinyanjui, J.K. (2012). Occidentwide Kenya Tourism Industry (1971 – 1980). *Journal of Mathematical Sciences*, **Vol. 24, No. 1, 27 – 36**.
  13. Mutiso, J.M. and Kinyanjui, J.K. (2013). Worldwide Kenya Tourism Industry (1971 – 1980). *Journal of Mathematical Sciences*, **Vol. 24, No. 2, 65 – 74**.
  14. Ngigi, P.K., Koske, J.K., Kinyanjui, J.K., and Kerich, G.K. (2012). Optimal Second-degree Kronecker Model Mixture Experiments with Two, Three, and Four ingredients. *Universal Journal of Mathematics and Mathematical Sciences (UJMMS)*, **Vol. 2, Number 2, 195 – 213**.
  15. Koske, J.K., Kinyanjui, J.K., Mutiso, J.M., and Cherutich, M.R. (2012). Information Matrices for Non-Maximal Parameter Subsystems for Second-Degree Mixture Experiments. *American Journal of Mathematics and Mathematical Sciences (AJMMS)*, **Vol. 1, Number 2, 155 – 160**.

16. Latifa, S.O. and Kinyanjui, J.K. and Mutiso, J.M. (2013). GARCH Modelling in Share Prices for Specific Companies in Kenya. *American Journal of Mathematical Sciences and Applications (AJMSA)*, **Vol. 1, Number 1**, 5 – 12.
17. Latifa, S.O. and Kinyanjui, J.K. and Mutiso, J.M. (2013). GARCH Modelling in Monthly Foreign Exchange in Kenya. *American Journal of Mathematical Sciences and Applications (AJMSA)*, **Vol. 1, Number 1**, 13 – 19.
18. Kerich, G.K., Kinyanjui, J.K., Koske, J.K, and Korir, B.C.(2014). D – Optimal Designs for Third – degree Kronecker Model Mixture Experiments: An Application to Artificial Sweetener Experiment. *IOSR Journal of Mathematics*, **Vol.10, Issue 6, Version II**, pp 32 – 41.
19. Keter, K.A, Otieno, R.A., and Kinyanjui, J.K. (2014). Relative Accuracy of The Screening Tests When the Absolute Determination of the Disease Status is not feasible. *Biometrics & Biostatistics International Journal*, **Vol.1, Issue Number 3**.
20. Beryl, A, Mwalili, S, and Kinyanjui, J.K. (2015). Multinomial Logit Modelling of Factors Associated with Multiple Sexual Partners from the Kenya Aids Indicator Survey, 2007. *Journal of Theoretical and Applied Statistics*, **Vol. 4, Number 3**, 170 – 177.
21. Margaret, K., Koske, J.K. and Kinyanjui, J.K. (2016). D – Optimal Rotatable Central Composite Designs Constructed Through Resolutions. *Mathematical Theory and Modelling Journal*, **Vol.6, No. 7**, pp 18 – 27.
22. Margaret, W., Koske, J.K. and Kinyanjui, J.K. (2016). I – Optimal Rotatable Central Composite Designs. *Imperial Journal of Interdisciplinary Research*, **Vol.2, Issue 10**, pp 279 – 288.

23. Kiai, R.M., Ng'ang'a, S.I., Kiragu, D.N., and Kinyanjui, J.K (2016). Effect of Information and Communication Technology Capability on Investment among Financially Included Youths in Nyeri and Kirinyaga Counties, Kenya. *International Journal of Economics, Commerce and Management*, **Vol.IV, Issue 9**, pp 210 – 224.
24. Kiai, R.M., Ng'ang'a, S.I., Kiragu, D.N., and Kinyanjui, J.K (2016). The Effect of Business Environment on Investment among Financially Included Youth in Kenya. *International Journal of Academic Research in Accounting, Finance and Management Sciences*, **Vol.6, Number 4**, pp 109 – 121.
25. Kiai, R.M., Ng'ang'a, S.I., Kiragu, D.N., and Kinyanjui, J.K (2016). Effect of Financial Capability on Investment among Financially Included Youth: Case of Nyeri and Kirinyaga Counties in Kenya. *International Journal of Advanced Research*, **Vol.4, Number 8**, pp 446 – 454.
26. Mburia, B.W., Wanjau, K.L. and Kinyanjui, J.K. (2016). Moderating Role of Entrepreneurial Orientation on the Relationship Between Benchmarking and Performance on Food Processing Firms in Kenya. *Asian Academic Research Journal of Social Science & Humanities*, **Vol. 3, Issue 9**, pp 60 – 77.
27. Mburia, B.W., Wanjau, K.L. and Kinyanjui, J.K. (2016). Effect of Quality Management and Entrepreneurial Orientation on Performance of Food Processing Firms in Kenya. *Asian Academic Research Journal of Social Science & Humanities*, **Vol. 3, Issue 9**, pp 177 – 194.
28. Wachira, B.M, Omondi, H.O. and Kinyanjui, J.K (2017). Analysis of Post Loan Disbursement Allocation and Performance of Non-Prime Household Loans in Microfinance Banks in Kenya. *Management and Economics Research Journal*, **Vol.3**, pp 42 – 54.

29. Wachira, B.M, Omondi, H.O. and Kinyanjui, J.K (2017). Analysis of Third Party Guarantee and performance of Non-Prime Household Loans in Microfinance Banks in Kenya. *Management and Economics Research Journal*, **Vol.3**, pp 55 – 66.
30. Waweru, J.N., Waweru, K.M, Wanjau, K.L, and Kinyanjui, J.K (2018). Influence of Alternative Financing on the Relationship between Managerial Competency and Efficiency of Small and Medium Enterprises in Kenya. *Submitted and accepted for publication in the International Journal of Finance and Bussiness Studies (IJFBS)*, **Vol. 6. Number 6**. Available at: <https://www.ssbfn.net.com/ojs/index.php/ijfbs/issue/view/60>.
31. Waweru, J.N., Waweru, K.M, Wanjau, K.L, and Kinyanjui, J.K (2018). Influence of Alternative Financing on the Relationship between Firm Size and Efficiency of Small and Medium Enterprises in Kenya. *Submitted and accepted for publication in the International Journal of Finance and Bussiness Studies (IJFBS)*, **Vol. 7. Number 1**. Available at: <https://www.ssbfn.net.com/ojs/index.php/ijfbs/issue/view/61>.
32. Wanjohi, E.N., Kinyanjui, J.K and Gitumu, M.W. (2018). Relationship Between the Roles of Students' Councils in Strikes Management Strategies: Case of Public Secondary Schools in Kenya. *African Journal of Education, Science and Technology*, **Vol. 5. Number 2**, pp. 271 – 280.
33. Betty.C.Korir and Josphat.K.Kinyanjui (2019). Parametric Interval Estimation of the Geeta Distribution. *International Journal of Statistics and Probability*, **Vol. 8, No. 1**, Available at: <https://doi.org/10.5539/ijsp.v8n1pxx><https://doi.org/10.5539/ijsp.v8n1pxx>.
34. Ruth, W.M., Teresia, K., and Josphat, K. (2019). Assessment of the Relationship between Entrepreneurial Orientation, Organization Culture Adaptability and Performance of Christian Faith – Based Hotels in Kenya.



*International Journal of Research in Business and Social Sciences*, **Vol. 8, No. 4**, 2019: 90 – 104.

35. Ruth, W.M., Teresia, K., and Josphat, K. (2019). Effect of Consistency and Entrepreneurial Orientation on Performance of Christian Faith - Based Hotels in Kenya. *Asian Academic Research Journal of Social Sciences and Humanities*, **Vol. 6, No. 4**, pp 49 – 69.
36. Muriithi, Ruth. W., Kyalo, Teresia, N., and Kinyanjui, Josphat, K. (2019). Assessment of the Relationship between Involvement, Entrepreneurial Orientation and Performance of Christian Faith Based Hotels in Kenya. *International Journal of Research in Business and Social Sciences*, **Vol. 8, No. 4**, pp 90 – 104.
37. Kinyanjui, Josphat.K. and Betty.C.Korir (2020). Bayesian Estimation of Parameters of Weibull Distribution Using Linex Error Loss Function. *International Journal of Statistics and Probability*, **Vol. 9, No. 2; March 2020**.
38. Ngigi, Peter.K., J.K. Koske and Josphat.K. Kinyanjui (2020). D - Optimal Slope Design for Second Degree Kronecker Model Mixture Experiment with Three - Ingredients. *International Journal of Statistics and Probability*, **Vol. 9, No. 2; March 2020**.

## **9. PARTICIPTION IN INTERNATIONAL CONFERENCES, WORKSHOPS AND SEMINARS.**

1. European Mathematical Genetics Meeting. Held on April 13, 2000 at Limburgs Universitair Centrum, Belgium.
2. Workshop on Statistical Inference. Held on April 10-12, 2000 at Limburgs Universitair Centrum, Belgium.
3. Campus-wide Research Workshop. Held on 28<sup>th</sup> April, 2006 at Moi University, Eldoret.
4. 2<sup>nd</sup> Annual International Conference. Held on 25<sup>th</sup> August, 2006 at Moi University, Eldoret.

5. 4<sup>th</sup> Annual International Conference. Held on 25<sup>th</sup> August, 2008 at Moi University, Eldoret.
6. 5<sup>th</sup> Annual International Conference. Held on 4<sup>th</sup> August, 2009 at Moi University, Eldoret.
7. The Leadership Training Workshop. Held on 31<sup>st</sup> October, 2009 at Central Kenya Campus, Karatina.
8. Kenya Institute of Management workshop on Public Procurement & Disposal ACT 2005 and Regulations 2006. Held on 16<sup>th</sup> - 17<sup>th</sup> May, 2012 at Karatina University, Main Campus.
9. 1<sup>st</sup> International Conference on Natural Resources. Held on 25<sup>th</sup> July, 2012 at Karatina University College, Karatina.
10. Trainer in a Research Proposal Writing Training Workshop organized by Kenya DAAD Scholars Association in collaboration with the German Academic Exchange Service (DAAD) and National Council for science and Technology (NCST). Held on 1<sup>st</sup> August, 2012 at Karatina University College, Karatina.
11. First Kenyatta University Workshop on Mathematical Modelling, 2013. Held on 17<sup>th</sup> June, 2013 at Kenyatta University.
12. National Multiplication Training on Curriculum Development and Review for Newly Chartered Public Universities in Kenya: Implementation and Accreditation. Held from 2<sup>nd</sup> - 4<sup>th</sup> December, 2013 at Nakuru.
13. National Multiplication Training on Curriculum Development and Review for Newly Chartered Public Universities in Kenya: Implementation and Accreditation - Part 2. Held from 4<sup>th</sup> - 6<sup>th</sup> June, 2014 at Nakuru.
14. Strategic Planning Workshop, 2014. Held from 8<sup>th</sup> - 10<sup>th</sup> October 2014 organised by the Kenya School of Government.
15. Karatina University Workshop on Leadership, 2015. Held from 26<sup>th</sup> - 27<sup>th</sup> February 2015, at Karatina University, Main Campus.
16. Pedagogy Workshop for Lecturers, 2016. Held from 7<sup>th</sup> to 8<sup>th</sup> January 2016 at Karatina University, Main Campus.

17. Organizing International Conference on Higher Education, 2016. Theme: Higher Education in Devolved Systems of Government: Sharing Local and International Experiences, Held at Karatina University, Main Campus between 10<sup>th</sup> to 12<sup>th</sup> February, 2016.
18. Second Kenyatta University Workshop on Mathematical Modelling, 2017. Held from 12<sup>th</sup> to 16<sup>th</sup> June, 2017 at Kenyatta University.
19. 2<sup>nd</sup> International Conference on Higher Education, 2017. Theme: University - Industry Linkages: Identifying & Synergizing Opportunities for Quality Higher Education. Held at Meru University of Science and Technology, Main Campus between 4<sup>th</sup> to 6<sup>th</sup> October, 2017.
20. DIES - NMT Workshop, 2018. Theme: Training Deans and Directors on Quality Leadership and Management: A Driver of Change in Higher Education. Held from 24<sup>th</sup> - 27<sup>th</sup> July 2018 at Masinde Muliro University of Science and Technology.
21. Bayesian Data Analysis: Theory and Practice workshop, 2018. Held at JKUAT, School of Mathematical Sciences from 19<sup>th</sup> - 23<sup>rd</sup> November, 2018.
22. Facilitation during Pedagogy Skills for University Academic Staff Workshop, 2019. Held from 18<sup>th</sup> to 19<sup>th</sup> June 2019 at Karatina University, Main Campus.

**10. POSTGRADUATE SUPERVISION:**

**COMPLETED**

**MASTERS**

1. Ngigi Peter Kung'u. Thesis Title: Optimality Criteria for Second-Degree Kronecker Model Mixture Experiments with Two, Three and Four Ingredients. *M.Phil Thesis Submitted to Moi University, Eldoret, Kenya. [Graduated in July, 2009]*
2. Keter Alfred Kipyegon. Thesis Title: Bayesian Estimation of Relative Accuracy of the Screening Tests when Absolute Determination of Disease Status is not Feasible: Randomized Paired Screen Positive (RPSP) Design. *M.Phil Thesis Submitted to Moi University, Eldoret, Kenya. [Graduated in December, 2010]*

3. Mike Rutto Cherutich. Thesis Title: Design with Optimal Values for Second-Degree Kronecker Model Mixture Experiments. *M.Phil Thesis, Submitted to Moi University, Eldoret, Kenya. [Graduated in December, 2013]*
4. Latifa Said Omar. Thesis Title: GARCH Modelling in Monthly Foreign Exchange and Share Prices for Specific Companies in Kenya. *M.Phil Thesis, Submitted to Moi University, Eldoret, Kenya. [Graduated in December, 2013]*
5. James Ngugi Kanoga: Thesis Title: Construction of Modified Third Order Rotatable Designs Using A Pair Of Dissimilar Design Blocks. *M.Phil Thesis (2015), Submitted to the University of Eldoret, Kenya. [Graduated in December, 2015]*
6. Morris Kinyua King'ang'i: Thesis Title: A Parametric Bayesian Estimation of Younden Index For a Two and Three Way Classification of a Diagnostic Marker. *M.Phil Thesis (2015), Submitted to the University of Eldoret, Kenya. [Graduated in December, 2015]*
7. Ang'iro, Beryl Anyango: Thesis Title: Multinomial Logit Modelling of Factors Associated with Multiple Sexual Partners From The Kenya Aids Indicator Survey, 2007. *MSc (2015), Submitted to the Jomo Kenyatta University of Agriculture and Technology (JKUAT), Kenya [Graduated in May, 2015 at JKUAT].*
8. Wanjohi, Esther Nyambura: Thesis Title: Assessment of Management Strategies on Students Strikes in Secondary Schools in Central Kenya. *Med Thesis (2019), Submitted to the Karatina University, Kenya [Graduated in November, 2019 at Karatina University].*

### **PHD**

1. Kerich Gregory. Thesis Title: Optimal Designs for Third-Degree Kronecker Model Mixture Experiments. *PhD Thesis, Submitted to Moi University, Eldoret, Kenya. [Graduated in December, 2012 at Moi University].*

2. Richard Kiai: Thesis Title: Determinants of Financial Inclusion On Investment Among The Youth in Kenya. *PhD Thesis (2016), Submitted to Karatina University, Kenya [Graduated in November, 2016 at Karatina University]*.
3. Kinyua, Margaret Wambui: Thesis Title: Construction of Rotatable Designs through Resolutions. *PhD Thesis (2017), Submitted to Moi University, Kenya [Graduated in December 2017 at Moi University]*.
4. Mburia, Beth Wairimu: Thesis Title: Moderating role of entrepreneurial orientation on the relationship between best manufacturing practices and firm performance of food processing firms in Kenya. *PhD Thesis (2017), Submitted to Karatina University, Kenya [Graduated in November 2017 at Karatina University]*.
5. Waweru Jackson Njau: Thesis Title: The Influence of Alternative Finance and Conduct on the Relationship between Characteristics and Efficiency of Small and Medium Enterprises in Kenya. *PhD Thesis (2018), Submitted to Karatina University, Kenya [Graduated in November, 2019]*.
6. Bernard Ndirangu Wachira. Thesis Title: Analysis of Credit Risk Control on Performance of Non-Prime Household Loans in Microfinance Banks in Kenya. *PhD Thesis (2018), Submitted to Karatina University, Kenya [Graduated in November 2019]*.
7. Ruth Wanjiku Muriithi: Thesis Title: Moderating role of Entrepreneurial Orientation on the Relationship between Organizational Culture and Performance of Christian Faith Based Hotels in Kenya. *PhD Thesis (2018), Submitted to Karatina University, Kenya. [Successfully defended the Final Thesis; to graduate in November 2020]*.

## ONGOING

### MASTERS

1. Siamba, Stephen Nyongesa: Thesis Title: Evaluation Of Linkage To HIV Care Outcomes Using Propensity Score Analysis: Adjustment Via Mahalanobis Metric Matching. *M.Phil Thesis (2017), Currently Undertaking Research at the University of Eldoret, Kenya.*

### PHD

1. Ngigi Peter Kung'u: Thesis Title: Optimal Slope Designs For Second Degree Kronecker Model Mixture Experiments. *PhD Thesis (2015) Submitted to Moi University, Eldoret, Kenya. [Currently Undertaking Research at Moi University]*
2. Kariuki, Peter Wandurua: Thesis Title: Evaluation of Determinants of Employee's Turnover in Kenyan Public Universities. *PhD Thesis (2014), Submitted to Karatina University, Kenya [Currently Undertaking Research at Karatina University].*
3. Kuria, Joseph Gikonyo: Thesis Title: Optimal Third Order Rotatable Designs Using Cyclic Designs. *PhD Thesis (2016), Submitted to Moi University, Kenya [Currently Undertaking Research at Moi University].*

## **11. UNDERGRADUATE SUPERVISION:**

- Have supervised Thirty (30) B.Sc (Applied Statistics with Computing) Fourth year projects.

## **12. EXAMINATION FOR DOCTOR OF PHILOSOPHY THESIS:**

Have examined the following Doctor of Philosophy Thesis:

1. Modeling Competition and Technology to Yield Advantageous Products in Micro and Small Agro-Food Processing Firms in Kenya.

By Ommilo Francis Okumu. (B301/1945/P/13): Karatina University.  
Examined in 2016.

**13. EXAMINATION FOR MASTER OF PHILOSOPHY THESIS:**

Have examined the following Master of Philosophy Thesis:

1. Bose-Einstein Condensation (BEC) in Nonextensive Statistical Mechanics.  
By Obota, Stanlous (SC/PGP/03/06): Moi University. Examined in 2008.
2. A Proto-type Solar Airtime Thermal Collector.  
By Maritim, Kiprotich Joseph (SC/PGP/12/06): Moi University.  
Examined in 2010.
3. Effectviness of Enterprise Resource Management in the Performance of Accounting Information System.  
By Betsy. J. Kaino: Karatina University. Examined in 2015.
4. Factors affecting Adoption of Enterprise Resource Programme (ERP) at Kenya Tea Development Agency.  
By Jane Wanjiru Gichohi. Examined in 2015.
5. Factors contributing to declining enrolment in Physics among secondary school students in Murang'a south district, Murang'a County, Kenya.  
By Kimani, Gilbert Ng'ang'a (KUC/MEA/4509/12): Karatina University. Examined in 2016.
6. Impact of student Councils on Management of Discipline in secondary schools in Kirinyaga East District, Kenya.  
By Murage, Lucy Muthoni (KUC/MEA/4501/12): Karatina University. Examined in 2016.

7. Re - Engineering Investment in Students Accomodation Facilities in Public University ththrough Public/Private Partnerships (PPP) in Kenya.  
By Beth Wambui Kimani: Karatina University. Examined in 2016.
8. Comparison Study on Response Optimization using Response Surface Methodology Technique Based on Soil - Testing: Case of French Beans at Kariua Sublocation in Kandara, Murang'a County.  
By Wangui Patrick Mwangi: University of Eldoret. Examined in 2019.
9. An Application of Mixture Experiments in Formulation of Poultry for Modelling Chick Weight.  
By Miriam Chepleting Sitienei: University of Eldoret. Examined in 2019.

#### **14. EXTERNAL EXAMINATION**

2013 - 2015, External Examiner (Statistics) at Carissa University College

2017 - 2020, External Examiner (Mathematics, Statistics and Actuarial Science) at Murang'a University of Technology

2017 - 2020, External Examiner (Statistics and Actuarial Science) at Allupe University College

2018 - 2021, External Examiner (Statistics and Actuarial Science) at University of Eldoret

2018 - 2021, External Examiner (Statistics and Actuarial Science) at Egerton University

2019 - 2022, External Examiner (Statistics and Actuarial Science) at Kirinyaga University



## **15. SCHOLARSHIPS RECEIVED:**

- Moi University Scholarship to undertake a Master of Philosophy Degree in Biostatistics at Moi University (1995 - 1996).
- Vlaamse Interuniversity Raad (VLIR) Scholarship to undertake a Master of Science (Applied Statistics) and Master of Science (Biostatistics) Degrees at Limburgs Universitair Centrum, Diepenbeek, Belgium (1999 - 2001).
- Deutscher Akademischer Austausch Dienst (DAAD) Scholarship to undertake a Doctor of Philosophy Degree in Biostatistics at Moi University (2003 - 2006).

## **16. COMPUTER EXPERIENCE:**

I have working knowledge of the following Computer Programmes:

SAS, S-Plus, R-, STATA, SPSS and several other statistical application packages

## **17. OTHER UNIVERSITY ROLES PLAYED**

- Academic Leader, Master of Science in Biostatistics Programme
- Academic Leader, Bachelor of Science in Applied Statistics with Computing Programme
- Member, Committee of Deans
- Member, Students Disciplinary Committee
- Member, Examinations Irregularity Committee
- Member, Linkages and Collaborations Committee
- Chairman, Programme, Graduation Regalia and Publicity Graduation Sub - Committee.
- Member, Planning, Budgeting and Human Resource Development Committee.
- Member, Pensions Committee.
- Chairman, Contract Implementation Team for Construction Projects.
- Member, Friends of Karatina University Committee.
- Chairman, Karatina University Radio Station Committee.

- Chairman, Adhoc Committee on Action Plan for the Medical Unit
- Chairman, Medical Scheme Guidelines Committee.
- Chairman, Various University Senate Committees
- Member, Corruption Prevention Committee
- Member, Strategic Plan Development Committee
- Member, Curriculum Committee
- Member, Field Courses, Field Trips and Attachment Committee
- Chairman, Adhoc Committee on University Space Allocation
- Chairman, Various Tender Technical Evaluation Committees
- Returning Officer in KUSA elections

## **18. PROFESSIONAL MEMBERSHIP**

Member of Kenya National Statistical Society

## **19. ACADEMIC REFEREES:**

1. Prof. Joseph. K. Koske,  
Department of Mathematics,  
Moi University,  
P.O. Box 3900,  
Eldoret, Kenya.
  
2. Prof. Dr. Paul Jansen,  
Limburgs Universitair Centrum,  
Diepenbeek, Belgium.
  
3. Prof. John Muindi Mutiso,  
Department of Mathematics,  
Moi University,  
P.O. Box 3900,  
Eldoret, Kenya.