

CURRICULUM VITAE

1.0 Personal Information

Name & Address [Joseph Kibet Rotich](#), PhD, MBA,
FMKIM, MIBS
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Nyahururu – Kenya

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Present Post Vice Chancellor, [Laikipia University](#), Laikipia

2.0 Educational Background

2.1 University

August 2016 – June 2019 [Jomo Kenyatta University of Agriculture & Technology](#), Juja, Kenya.
MBA - Strategic Management (June 22nd, 2019)
Project title *Factors Influencing Strategic Agility among Universities in Kenya: Case of Masinde Muliro University of Science and Technology*
1999-Sept - Jun 2001 [Indiana University](#), Indiana, USA
Degree Obtained Post Doctorate (Medical Informatics), (June 30th, 2001)
Project *Creation and Implementation an Electronic Medical Records system in Mosoriot Rural Health Centre in Kenya, Funded by Fogarty International. Value US\$25,000 for one year*
Sept 1992- July 1995 Shanghai University of Science & Technology, (SUST 上海科学技术大学), (Merged to Shanghai University (SHU 上海大学) in 1994) Shanghai, PR China
Ph.D. Mathematics – Operations Research (July 11th, 1995)
Thesis title: *Sequencing and Scheduling Problems with Controllable Parameters*
Sept 1987- June 1989: [University of Southampton](#), Southampton, UK.
MSc. Statistics (March 5th, 1990)
Thesis title: *Modelling using Randomized Response Data*
Sept 1979- June 1983: [University of Nairobi](#), Nairobi, Kenya.
BSc. Mathematics/Statistics (December 7th, 1983)

2.2 Other Profession Qualification/Trainings

24 th – 26 th August 2016	Institute of Internal Auditors (IIA) 14 th Annual Conference, Mombasa (Certificate of Attendance)
28 August 2015	College of Insurance, Nairobi Trustee Development Program Kenya (TDPK) (Certificate)
Feb – June 2015	Kenya Institute of Management, Eldoret Monitoring and Evaluation Certification (Certificate)
October 2014	Virtues Project International Virtues Training Program (Certificate)
15 th – 17 th Jan 2014	Apex management Systems Consultants LTD Assessment and Examination for ISO 9001:2008, Intern Quality Auditors Training (Certificate)
June –July 2013:	Galilee International Management Institute, Israel Management of Higher Education Institutes (Certificate)

2.3 High Schools and Primary School

Feb. 1977- Nov. 1978:	Mombasa Polytechnic, Mombasa, Kenya East African Advance Certificate Examination 'A'–Level (EAACE), Double Maths and Physics, 3 Principals (1978)
Feb. 1973- Nov. 1976:	Rift Valley Technical Secondary School P. O. Box 244, Eldoret, Kenya East African Certificate Examination (EACE), 'O'-level, Division One (1) with 15 points (1976)
1965-1972	Chepkosilen Primary School Certificate of Primary Education (CPE) with 33 points (1972)

3.0 Employment History

3.1 Work experience

June 2018 -date	Vice Chancellor, Laikipia University, Laikipia
Jan 2014 – June 2018	Deputy Vice Chancellor (Administration & Finance), Masinde Muliro University of Science and Technology
July 2012 - Jan 2014	Deputy Principal (Academic and Student Affairs) Rongo University College
Nov 2012 – Jan 2013	Acting Principal Garissa University College
May 2011- March 2012	Sabbatical leave: Professor of Biostatistics Kabarak University, Nakuru, Kenya. <ul style="list-style-type: none">• Taught courses in Mathematics,• Teaching, Tutoring and Supervised PHD Students• Presented seminars to PhD Students on research methods and data analysis

<p>Sept 2008 - to date</p> <p>Employer</p> <p>Duties</p>	<ul style="list-style-type: none"> • Developed curricular in Actuarial Science and Statistics <p>Professor of Biostatistics</p> <p>Moi University, Kenya.</p> <ul style="list-style-type: none"> • Information Communication Technology (ICT) school coordinator. • Teaching: “Basic Principles of Biostatistics”, “Statistical Methods in Epidemiology” to Master of Public Health Students, • Supervising and guiding MPH and MMed students on their research studies. • Supervise Post-graduate students (see section 5.0 below)
<p>May 2005-date</p>	<p>Consultant Biostatistician for <u>A</u>cademic <u>M</u>odel for <u>P</u>roviding <u>A</u>ccess to <u>H</u>ealthCare (AMPATH)</p>
<p>May 2003-Sept 2008</p> <p>Employer:</p> <p>Duties</p>	<p>Associate Professor,</p> <p>Moi University, School of Public Health, Eldoret, Kenya</p> <ul style="list-style-type: none"> • Taught “Basic Principles of Biostatistics”, and “Statistical Methods in Epidemiology” to Master of Public Health Students, • Supervising and guiding MPH and MMed students on their research studies.
<p>Feb 2004-May 2005</p> <p>Employer:</p> <p>Duties</p>	<p>Designation: Statistician</p> <p><u>C</u>entre for <u>D</u>isease <u>C</u>ontrol and Prevention (CDC), Entebbe, Uganda.</p> <ul style="list-style-type: none"> • Developing Research Proposals, Planning research Studies, Analysis the data, and report writing on cancers, HIV, and other viruses studies • Reports on analysis strategies n consultation with other statisticians and researchers • Advice junior staff on data management and retrieval of the same • Interpreting final results.
<p>March 1998- May 2003</p> <p>Employer</p> <p>Duties</p>	<p>Senior Lecturer</p> <p>Moi University</p> <ul style="list-style-type: none"> • Taught: “Basic Principles of Biostatistics”, and “Statistical Methods in Epidemiology” to Master of Public Health Students, • Computer Application to both Undergraduate and Post-graduate students • Supervising and guiding MPH students on their research studies.
<p>Mar 1992- March 1998</p>	<p>Designation: Lecturer</p>
<p>Jan 1990- March 1992</p>	<p>Designation: Assistant Lecturer</p>

Employer	Moi University
Duties	Taught Quantitative skills to Undergraduates students.
Feb. 1984- Jan 1990:	Designation: Statistician ,
Employer	Ministry of Planning & National Development, Nairobi, Kenya,
Duties	Charged with maintenance of National Sample surveys.

3.2 Administrative experience

June 12 th , 2018 - date	Vice Chancellor/CEO, Laikipia University
Jan 2014 – Jun 11 th 2018	Deputy Vice Chancellor (Administration & Finance), Masinde Muliro University of Science and Technology Among other duties, <ol style="list-style-type: none"> 1. Restructuring of the financial system in the university, 2. Restructuring and streamline the operations of the Administration, including revision of policies and manuals 3. Implement the scheme of service for non-teaching staff, 4. Budgeted for and restarted the stalled projects (Multi-purpose hall, the 1000 women hostels (2015/15)), the construction of the low cost tuition block (2015/16). 5. Implementation of the ERP system, automation of the university functions among other strategic developments. 6. Management Representative (MR) for the ISO 9001-2008 7. In charge of the Performance contracting, 8. Overseeing the construction of Admin block, tuition blocks and anatomy lab 2016/17) 9. Facilitated the Implementation of the strategic plan 10. Management Representative for ISO9001-2008 11. Member and advisor: Resource mobilisation for HRH project
July 2012 - Jan 2014	Deputy Principal (Academic and Student Affairs) Rongo University College Among other duties, <ol style="list-style-type: none"> a) Orientating technical institute students (certificate and Diploma) into a university setup, b) Streamlining Admission and Examination Procedures, c) Guiding the student union in constitution making, d) Drafting the Research and Extension, and Intellectual Property Policies, e) A member of the Strategic Planning and Performance Contract Committees, f) Chairman of the Procurement Committee, g) Chairman of the Graduation Technical Committee and h) Secretary to the College Academic Board, i) Facilitating the development of Nursing Degree curriculum
Nov 2012 – Jan 2013	Acting Principal Garissa University College
2007-2008	Ag Principal, Kabianga Campus, Moi University

I transformed the campus from a FTC to an Institution of higher learning.

1. Facilities improvements hostels, class-rooms, common rooms, Residential houses in the campus were renovated and converted to hostels and offices.
2. October 2007, over 300 JAB students were admitted,
3. Improve agricultural farming into IGU including tea, poultry, dairy, horticulture and tea farming.
4. Set up financial, administrative and human resource systems that enable the campus achieve efficient service delivery to our clients; the students, staff, stakeholders, and suppliers.

2005-2008	Dean, School of Public Health, Moi University
2003-2004	Head of Department of Epidemiology & Preventive Medicine, Moi University
Feb 2002 - 2003	Ag. Head of Department Epidemiology & Preventive Medicine, Moi University
1992	Ag. Head of Department Quantitative Skills, Moi University

3.3 Other responsibilities

2012 – 2014	External Examiner, University of Dar es Salaam, Tanzania
2011 – present	External Examiner, University of Namibia, Namibia
2011-2014	External Examiner, University of Nairobi, Kabete Campus
2010-2013	Consultant, Kenya Working Group on Medicinal & Aromatic Plants (KWG-MAPS), GOK, World Bank, JSDF, Projection on Capacity building of Traditional Herbalists Lead by Prof Titus Mukiema of University f Nairobi <ol style="list-style-type: none"> 1. Development of teaching and learning materials 2. Developed a quick and easy tool to enable Herbal Practitioners to manage their patient records 3. Organise training in various counties 4. Wrote reports of the trainings which included assessment and evaluation of the trainees and training
2010-2012	Chairman Town Campus Building committee
2008-present	Professor, Department of Epidemiology & Nutrition, Moi University
2005-present	Consultant Biostatistician to AMPATH, Eldoret
2007-2009	External Examiner, Muhimbili University of Health & Allied Sciences
2000-2006	Committee member on the development of the Moi University HIV/AIDS prevention policy
2000-2006	Committee member on the development of the Moi University Gender and sexual Abuse policy
1999-present	Member of the group on development of the Standard Operating Procedures (SOP) for HIV/AIDS research at AMPATH
1993 -1995	Chairman (re-elected) Kenya Studentss Organisation in China (KESOC)
1996 - 1999	Deputy Patron Kericho Moi University Students' Association (KEMUSA)

Other Skills

1. **Consultant Biostatistician**
2. **Consultant Customer / Client / Employee Satisfaction Surveys**
3. **Data Base applications – MS Access**
4. **Statistical and Other Software – SPSS, SAS, STATA, GLIM, MS WORD, WordPerfect, Epi Info**

Funded and Completed Projects

- | | | | |
|----|-----------------------------------|-----------------|-----------------|
| 1. | 623-A-00-08-00003-00 Einterz (PI) | 10/1/07-9/30/12 | 4.2 Calendar YR |
| | USAID | US\$10,700,455 | |

“AMPATH, controlling and preventing HIV/AIDS in Western Kenya”

Role: Consultant Biostatistician

Increasing treatment of AIDS patients in 19 rural health centers and one national referral hospital affiliated with the Indiana University - Moi University collaboration in Western Kenya.

2. REACH Informatics Center of Excellence, 1/06/2009 – 30/06/2014

NIH - Fogarty International Centre	USD\$945,464
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The project is a collaboration between Indiana and Moi Universities and the global leadership of the Regenstrief Institute. The program will:

- a. Provide post-doctoral informatics training to faculty at Moi University and Moi Teaching and Referral Hospital to implement and use health information technology to enhance research and improve health care quality, efficiency and outcomes.
- b. Support the training of East Africans so as to support the development, implementation, maintenance, evolution and use electronic health records (EHRs) in low-income countries through didactic and mentored practicum training

<https://static1.squarespace.com/static/5a5baed98dd041eb3ccb3b54/t/5b0fea2f1ae6cfea0d9c7659/1527769650957/AMPATH-Research-Semi-Annual-Report-January-June-2013.pdf>

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|----|---------------------------|-----------------|-----------------|
| 3. | R18 HK000058 Tierney (PI) | 9/29/07-9/30/10 | 1.2 Calendar YR |
| | CDC | US\$361,070 | |

Electronic Medical Records to Improve Patient Care and Public Health in Rural Kenya

Role: Co- Investigator

Merging of primary care and HIV/AIDS electronic medical records to improve coordination of care for pregnant women, children born of HIV-infected mothers, and patients with tuberculosis.

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|----|------------------------|---------------|------------------|
| 4. | J Sidle, (PI) | 5/1/06-6/1/08 | 0.48 Calendar YR |
| | Purpleville Foundation | US\$124,000 | |

Evaluating AMPATH

Role: Co-Investigator

This project evaluated the AMPATH program for the treatment of AIDS in Kenya

5. J Rotich (PI) 1/09/1999 – 1/09/2000 1 Calendar YR
Fogarty International US\$25,000

Creation and Implementation an Electronic Medical Records system in Mosoriot Rural Health Centre in Kenya, Funded by Fogarty International.

Total Funds = UD\$11,210,525

4.1 Published Research papers

4.1.1 Medical Records Systems, Epidemiology, and Public Health

Sn	Article title and journal	Year
30	Rotich, J., & Okello, B. (2019). The effect of resource fluidity on strategic agility among universities in Kenya: Case of Masinde Muliro University of Science and Technology. <i>The Strategic Journal of Business & Change Management</i> , 6 (2), 2176–2190, May 2019. ISSN: 2312-9492 www.strategicjournals.com	2019
29	E. Langat, S. Wafula, G. Ettyang, J. Rotich , J. Chelimo, (2014). The Effect of Rehabilitation on Nutritional Status of Alcohol Dependent Males in Nairobi, Kenya, <i>Journal of Biology, Agriculture and Healthcare</i> www.iiste.org , ISSN 2224-3208 (Paper) ISSN 2225-093X (Online) Vol.4, No.20, 85-101 https://www.iiste.org/Journals/index.php/JBAH/issue/view/1422	2014b
28	Gabriel Kigen, Joseph Rotich , Jefitha Karimurio, Hillary Rono, (2014) Collateral benefits arising from mass administration of azithromycin in the control of active trachoma in resource-limited settings, <i>Pan African Medical Journal</i> , 19, 256, Nov 2014. http://www.panafrican-med-journal.com/content/article/19/256/full	2014a
27	Gabriel K. Kigen, Hillary K. Ronoh, Wilson K. Kipkore, & Joseph K. Rotich, (2013) Current trends of Traditional Herbal Medicine Practice in Kenya: A review. <i>African Journal of Pharmacology and Therapeutics</i> . Vol, 2(1): 32-37 https://www.researchgate.net/publication/258709479	2013
26	Omutimba, D. S., Rotich, J. K. , & Sang, C. K. (2011). The Effect of Snacks On Periodontal Health And Dental Caries Among School Going Adolescents In Western Kenya. <i>Nurture: Journal of Pakistan Home Economics Association</i> ,5(1).	2011b
25	Patel K, Rotich J , Kiplagat J, Kirwa K, Mwangi A, Kimaiyo S, and Mining S. (2011); The immune modulating properties and safety of plant sterol and sterolin formulation in early HIV infection; <i>Egypt Journal of laboratory Medicine</i> , Vol 22, 2, June 2011, 1-10	2011a
24	KA Okemwa, PM Gatongi, and JK Rotich (2010) : The Oral Health Knowledge and Oral Hygiene Practices among Primary School Children Age 5-17 years in a Rural Area of Uasin Gishu District, Kenya, <i>East African Journal of Public Health</i> , June 2010, 7(2) 187-190 https://www.ncbi.nlm.nih.gov/pubmed/21413602	2010b
23	Tierney WM, Achieng M, Baker E, Bell A, Biondich P, Braitstein P, Kayiwa D, Kimaiyo S, Mamlin B, McKown B, Musinguzi N, Nyandiko W, Rotich J , Sidle J, Siika A, Were M, Wolfe B, Wools-Kaloustian K, Yeung A, Yiannoutsos C, and the Tanzania-Uganda OpenMRS Consortium (2010). Experience	2010a

	implementing electronic health records in three East African countries. <i>MEDINFO</i> , 371-375. https://www.ncbi.nlm.nih.gov/pubmed/20841711	
22	Talam NC., Gatongi PM., Rotich JK. , & Kimaiyo S., (2009) Adherence to Antiretroviral Drug Therapy by Adult Patients Attending HIV/AIDS Clinic at Kenyan Tertiary Health Institutions, <i>East African Medical Journal</i> , Vol 86, No. 5, 85-88	2009
21	Talam NC., Gatongi PM., Rotich JK. , & Kimaiyo S., (2008), Factors Affecting Antiretroviral Drug Adherence among HIV/AIDS adult Patients attending HIV/AIDS clinic at Moi Teaching and Referral Hospital, Eldoret, Kenya, <i>East African Medical of Public Health</i> , vol 5 no. 2, 74-79.	2008c
20	Bii SC, Otieno-Nyunya B, Siika A, & Rotich JK: (2008), Infant feeding practices among HIV infected women receiving prevention of mother-to-child transmission services at Kitale District Hospital, Kenya. <i>East African Medical Journal</i>, 85(4), 156-61	2008b
19	Bii SC, Otieno-Nyunya B, Siika A, & Rotich JK: (2008), Family Planning and safer sex Practices among HIV Infected Women Receiving Prevention of Mother-to-Child transmission service at Kitale District Hospital, <i>East African Medical Journal</i>, 85(1), 46-50	2008a
18	Bii SC, Otieno-Nyunya B, Siika A, & Rotich JK: (2007), Self Reported Adherence to Single Dose Nevirapine in the Prevention of Mother Transmission of HIV at Kitale District Hospital, <i>East African Medical Journal</i>, 84(12), 571-576	2007c
17	Tierney WM, Rotich JK , Hannan TJ, Siika AM, Biondich PG, Mamlin BW, Nyandiko WM, Kimaiyo S, Wools-Kaloustian K, Sidle JE, Simiyu C, Kigotho E, Musick B, Mamlin JJ, & Einterz RM: (2007), The AMPATH Medical Record System: Creating, Implementing, and Sustaining an Electronic Medical Record System to Support HIV/AIDS Care in Western Kenya, <i>Studies in Health Technology and Informatics</i>, 129(Pt 1):372-6 https://www.ncbi.nlm.nih.gov/pubmed/17911742	2007b
16	Odero W, Rotich JK , Constantin TY, Ouna T, & Tierney WM: (2007), Innovative approaches to application of technology in disease surveillance and prevention in Western Kenya. <i>Journal of Biomedical Informatics</i>, 40(4), 390-397. http://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.528.739&rep=rep1&type=pdf	2007a
15	Diero LO, Shaffer D, Kimaiyo S, Siika AM, Rotich JK , Smith FE, Mamlin JJ, Einterz RM, Justice AC, Carter EJ, & Tierney WM: (2006), Characteristics of HIV infected patients cared for at "Academic Model for the Prevention And Treatment of HIV/AIDS" clinics in western Kenya. <i>East African Medical Journal</i>, 83(8), 424-433. http://journals.uonbi.ac.ke/eamj/article/view/914/0 https://www.ncbi.nlm.nih.gov/pubmed/17153655	2006b

14	Diero L, Rotich JK , Bii J, Mamlin BW, Eitherz RM, Kanamai IZ, & Tierney WM: (2006), A computer-based medical record system and personal digital assistants to assist to assess and follow patients with respiratory tract infections visiting a rural Kenyan health center, BMC Medical Informatics and Decision Making , 6:21 http://europepmc.org/articles/pmc1482308	2006a
13	Siika AM, Rotich JK , Simiyu CJ, Kigotho EM, Smith FE, Sidle JE, Wools-Kaloustian K, Kimaiyo SN, Nyandiko WM, Hannan TJ, & Tierney WM: (2005), An Electronic Medical Record System For Ambulatory Care of HIV-Infected Patients in Kenya: International Journal of Medical Informatics , 74(5), 345-355 https://www.ncbi.nlm.nih.gov/pubmed/15893257 https://indiana.pure.elsevier.com/en/publications/an-electronic-medical-record-system-for-ambulatory-care-of-hiv-in	2005
12	Wakhisi, J., Patel, K., Buziba, N., & Rotich, J. (2005). Esophageal cancer in north rift valley of western Kenya. <i>African health sciences</i> , 5(2), 157-163. https://www.ncbi.nlm.nih.gov/pmc/articles/PMC1831916/	2005
11	Hannan TJ, Tierney WM, Rotich JK , Smith FE, Bii J, Einterz RM, Mamlin JJ, Odero WW, & Diero L.: (2004), Technological and human factors affecting the utilization of a CBPR system in western Kenya. Medinfo: 1627 .	2004b
10	Ayaya SO, Esamai FO, Rotich JK , & Olwambula AR: (2004), Social-Economic Factors Predisposing Under Five-year-old Children to Severe Protein Energy Malnutrition at the Moi Teaching and Referral Hospital, Eldoret, Kenya. East African Medical Journal , 81(8), 415-421	2004a
9	Ayaya SO, Sitienei J, Odero W and Rotich JK : (2003), Knowledge, Attitude, and Practices of Private Medical Practitioners on Tuberculosis among HIV/AIDS Patients in Eldoret, Kenya: East African Medical Journal , 80(2), 83-90	2003b
8	Rotich JK , Hannan TJ, Faye E. Smith, Bii J, Odero W, Nyuyen Vu, Mamlin BW, Mamlin JJ, Einterz RM, & Tierney WM: (2003). The Practice of Informatics-Application of Information Technology- Installing and Implementing a Computer-based Patient Record System in Sub-Saharan Africa: The Mosoriot Medical Record System: <i>JAMIA-Journal of American Medical Informatics Association</i> , 10(4), 295-303. http://www.ncbi.nlm.nih.gov/pmc/articles/PMC181978/	2003a
7	Hannan, Terry J; Tierney, William M; Rotich, Joseph K; Smith, Faye E; Bii, John; Einterz, Robert M and Mamlin, Joseph J. (2002). The Mosoriot Medical Record System, Eldoret, Kenya: Capturing Data to Improve Quality of Care in Sub-Saharan Africa [online]. In: Webb, Robert (Editor); Ribbons, Robert M; Dall, Veronica. HIC 2002: Proceedings: Improving Quality by Lowering Barriers. Brunswick East, Vic.: Health Informatics Society of Australia, 2002: [107-111].	2002b

	http://search.informit.com.au/documentSummary;dn=895692021319312;res=IELHEA ISBN: 0958537097. [cited 15 Mar 17].	
6	Tierney WM, Rotich JK , Smith FE, Bii J, Einterz RM, & Hannan TJ: (2002), Crossing the “Digital Divide”. Implementing an Electronic Medical Record System in a Rural Kenyan Health Center to Support Clinical Cadre and Research: <i>Journal of American Medical Informatics Association, Proceedings of AMIA Symposium</i> , 792–795 http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2244335/ https://www.ncbi.nlm.nih.gov/pubmed/12463933	2002a
5	Hannan TJ, Tierney WM, Rotich JK , Odero WW, Smith F, Mamlin JJ, & Einterz RM: (2001), The Mosorot Medical Record System (MMRS) phase-I to phase-II Implementation: An outpatient computer-based medical record system in rural Kenya: <i>Studies in Health Technology and Informatics</i> , 619-622 https://www.ncbi.nlm.nih.gov/pubmed/12463933	2001b
4	Ayaya SO, Esamai FO, Rotich JK , & Sidle JE: (2001), Perinatal Morbidity at the Moi Teaching and Referral Hospital, Eldoret; <i>East African Medical Journal</i> , 78(10), 544-549.	2001a
3	Hannan TJ, Rotich JK , Odero WW, Menya D, Esamai FO, Einterz RM, Sidle JE, Sidle J, Smith F, & Tierney WM: (2000), The Mosoriot Medical record System: Design and initial Implementation of an Outpatient Electronic Record System in Rural Kenya, <i>International Journal of Medical Informatics</i> , 60(1), 12-28. https://pdfs.semanticscholar.org/5be8/94b609c3563e42b7e0eab1c44d41b84c2e18.pdf	2000c
2	Williams LS, Rotich JK , Qi R, Fineberg N, Espay A, Bruno A, Fineberg S, & Tierney WM: (2000), Effects of admission Hyperglycemia on mortality and cost in acute ischemic stroke: <i>Journal Neurology – USA</i> , 59,67-71	2000b
1	Esamai FO, Ayuo P, Owino-Ongor, Rotich JK , Ngindu A, Abala A, Ogaro F, Li QQ, Guo XB, & Li GQ: (2000), Retal Dihydroartemisinin versus intravenous quinine in the treatment of severe malaria: A randomised clinical trial; <i>East African Medical Journal</i> , 77(5), 273-278.	2000a

Book Chapter

1. Hogan NM, Ndetei DM, Kilonzo G, Ndegwa JM, **Rotich JK**, and Too R; **Research and Biostatistics in Mental health, The African text book of Clinical Psychiatry and Mental Health**, pp 549-558, AMREF, Nairobi 2006, ISBN-10:9966-874-71-2 and ISBN-13:978-9966-874-71-9

4.2 Recent Seminars and conferences

1. 11th June 2009, Moi University: 4th University-wide workshop on research; Presented “Informatics in the Promotion of Public Health Research”
2. 12-13 March 2007: Second Health leadership Initiative of Deans and Directors of Public Health in Eastern Africa, Speek Resort, Kampala, Uganda

3. November 30th to December 1st 2006: WHO consultative meeting, Nairobi The Stanley Hotel
4. 23-25 October 2006: Health Leadership Initiative Inaugural Deans and Directors of Public Health in Eastern Africa meeting, Safari Part Hotel, Nairobi, Kenya
5. 18-22 April 2006: Applied Regression Modelling course, Cape Town South Africa, (Funded by ART-LINC).
6. Feb 16th – Feb 18th 2006: Technical Meeting, WHO Collaborating Centres for Health Promotion, Singapore
7. 8 – 19 November, 2004: Uganda Scientific Writing Workshop: Entebbe, Uganda
8. 12 - 15 October 2003: *Communication and Information Technology. In the Global Fight against HIV/AIDS: Johannesburg, South Africa*

4.3 Other Experiences and Professional Memberships

April 2014 – Jun 2018	Trustee Masinde Muliro University of Science & Technology Pension Scheme
2017–present	Member International Biometric Society (IBS)
2012–present	Member Kenya Institute of Management (KIM)
2009–present	Member of the <u>C</u> linical-based <u>A</u> RT <u>D</u> iagnostic <u>E</u> valuation (CLADE): Walter Reed Project (WRP) and Kenya Medical Research Institute (Kemri), Kenya
2007–present	Member of the <u>A</u> MPATH <u>D</u> ata <u>A</u> nalysis <u>T</u> eam (ADAT)
2008–present	Member of the AMPATH Research Committee
1998–2012	Member of the <u>I</u> nstitutional <u>R</u> esearch & <u>E</u> thics <u>C</u> ommittee (IREC)

4.4 Research activities

1. Nevirapine Toxicity in HIV/AIDS patients
2. Electronic Medical Records to Improve Patient Care & Public Health in Rural Kenya- CDC Grant.
3. Determination of prevalence and factors associated Nevirapine Toxicity among HIV/AIDS patients in AMPATH.
4. Child Abuse attending Moi Teaching & referral Hospital. (paper submitted to Kenya Paediatric Association)
5. Mbirikani Group Ranch Health survey; Data collection using electronically on personal digital assistants (PDAs) in collaboration with, Michigan University, Mbirikani Aids Clinic and Moi University, October –December 2009.

5.0 Graduate Supervision and Examinations

5.1 Successful Thesis supervised

1. Kevin Khisa SPH/PGH/21/10, Assessment of stress levels among bank employees in Uasin-Gishu County, Rift valley Kenya, (Master of Public Health) , Moi University, (Prof J Rotich & Dr Joyce Baliddawa) DEFENDED Oct 2016
2. Ezekiel Kiptum Sirya (SPH/PGH/17/10, factors associated with choice of palace of delivery among post-natal mothers in Central Pokot District of West Pokot County, Kenya; (**Master of Public Health**) , Moi University (Prof Edwin Were and Prof Joseph Rotich), DEFENDED Oct 2016
3. Gumbo Witness, SPH/PGH/34/07, (2015) Feeding options and nutritional status of infants aged 6-24 months born to HIV positive mothers at AMPATH clinic in MTRH, (**Master of Public Health**), *Moi University* (Dr Grace Etyang and I)
4. Ekisa Akisa Evelynnn Sph/Pgh/25/09, (2015) Assessment Of Public Health Risks, Vulnerabilities And Coping Mechanisms Of Communities Prone To Tropical Cyclones And Associated Floods In Chitalmari Sub District, Southwest Bangladesh, (**Master of Public Health**) , Moi University, (*Dr. Mabel Nangami and Prof. Joseph Rotich*)
5. Meshack Bowen, SPH/PGH/38/04, (2014), Protein Energy malnutrition among Adults (20-40 years) and the related risk factors: A case study of Kibargoi Location , Kenya. (**Master of Public Health**), *Moi University* (Dr Grace Etyang and I)
6. Michelle Akeyo Ogolla, SPH/PGH/101/09, (2014), Factors influencing the utilization of information and communication technology by healthcare professionals in Getrude's Children Hospital, Nairobi, (**Master of Public Health**), *Moi University* (I and Dr Alice Lakati)
7. Emmy Langat SPH/PGH/11/10, (2013) Effects of rehabilitation and Nutritional Status of Alcohol dependent males in Nairobi, (Master of Public Health) , Moi University, 2013 (*Dr Grace Etyang and Prof. Joseph Rotich*)
8. Lorraine Mugambi-Nyaboga (2013) Electronic Medical Records; The Effect Of Information Communication And Technology On The Quality Of Medical Records, In African Air Rescue Clinics, Kenya, (Master of Public Health) , Moi University, 2014 (*Prof. Joseph Rotich and Prof. Julie McGowan*)
9. Pricilla Chepkorir Cheruiyot, (2010) Patterns of Disclosure Practices to Spouse(s) among HIV Positive Patients at AMPATH Centre MTRH Eldoret, (**Master of Public Health**), *Moi University*
10. Jacqueline N Wanjala, (2009), Prevalence and factors associated with undernutrition in children aged 2-5 years living in pastoral and farming communities of West Pokot Kenya, (**Master of Public Health**), *Moi University. (already published by Lamber Academic Publishers, Germany)*
11. Dr Emmanuel Simiyu Wanjala,(2009), Comparing Electronic foetal monitoring with fetal auscultation for non-reassuring fetal status screening at Kijabe Hospital- Kenya, (**Master of Medicine**), *Moi University*
12. David S Omutimba: (2009), *Factors associated with dental caries and the periodontal health of school going adolescents in rural area of Western Kenya*, (**Master of Public Health**) *Moi University.*
13. Rosbella J Kipkalom: (2008). *The impact of HIV/AIDS on productivity in tea estates of Nandi South District, Kenya*, (Master of Public Health), *Moi University.*

14. Leah Chebet Bii: (2007) Factors associated with mortality from hypertension in Patients attending Moi Teaching and Referral Hospital (**Master of Public Health**), Moi University.
15. Samson Torerei: (2006) The So-economic and poly factors Influencing access to and Utilization of HIV/AIDS Services to Persons with Disabilities in Kericho District Kenya, (**Doctor of Philosophy, D Phil**), Moi University.
16. Cheruiyot S. Bii: (2006):Self Reporting of Adherence to prevention of Mother to Child transmission of HIV(PMTCT) interventions at Kitale District Hospital, (**Master of Public Health**), Moi University,
17. Kimani Harun: (2006) Determinants of screening for sexual transmitted infections and human immune deficiency virus (STIs/HIV) among 14-24 year old youths in Thika District of Rural Kenya, (**Master of Public Health**), Moi University.
18. Ojera, Gertrude: (2006), Prevalence of Malnutrition in Children under 5 and Associated risk factors: A case of Gulu Municipality, Uganda, (**Master of Public Health**), Moi University
19. Amuti, Susan: (2006), An Assessment of the potential risk posed by meat and unprocessed milk in the transmission of Brucellosis to human in Eldoret Municipality (**Master of Public Health**) Moi University.
20. Talam Noral Chebet: (2006), Antiretroviral Drug Adherence by HIV/AIDS Adult Patients Attending HIV/AIDS Clinics at Moi Teaching and Referral Hospital, (**Master of Public Health**), Moi University.
21. Okemwa Kenneth: (2005), The oral Health status and oral hygiene habits among primary school children aged 5 to 18 years in a rural area of Using Gishu District, (**Master of Public Health**), Moi University.
22. Chepkon'ga Daniel Kandie: (2005) Health management Information System; A case of Kenyatta National Hospital, (**Master of Public Health**, Moi University.
23. Mbugua Kungu: (2005) Prevalence of Iodine Deficiency disorders among women in Daadab Refugees Camps in Kenya, (**Master of Public Health**) Moi University
24. Ruto, Pascalyne: (2005) Levels of Preparedness of Selected Kenya's Public Health Institutions to Handle Emergencies, (**Master of Public Health**) Moi University
25. Murgor, Daniel K: (2004) Factors related to Sexual Behaviour amongst the youth and the risk of HIV/AIDS pandemic in Post-secondary Institutions: A case of Eldoret Municipality, (**Master of Public Health**) Moi University

5.2 Thesis supervision – On Progress

1. Geoffrey Marika O. SPH/PGH/NC/1015/10, Effects of the hospital referral system on referral Patients at Kenyatta national hospital (proposal stage) (**Master of Public Health**) , Moi University () supervisors (Mr. Peter Kithuka (KU), and Prof Joseph Rotich)
2. Chemutai R. K. Kenei : SPH/PGH/13/11 Mental health factors associated with adherence to Antiretrovirals in women attending HIV clinics in Burned Forest, Kenya (**Master of Public Health**) , Moi University, (Prof Joseph Rotich, Dr. Lukoye Atwoli and Dr. Lynne Messer)

3. Kwambai Camille Chelagat SPH/PGH/NC/1000/11, prevalence of intestinal worm infections and hygiene practices among school aged children in rural kitui, (**Master of Public Health**) , Moi University, 2013 (Dr. Joice Baliddawa and Prof. Joseph Rotich)
4. Drinold Mbete, Estimation of Reproduction Number based on Misreported Epidemic Data: A case of Respiratory Diseases, **PhD In Mathematics**, Masinde Muliro University of Science and Technology, (Prof J Rotich et al)

5.3 Thesis Examination

1. Drinold Aluda Mbete SES/G/03/10 (2015), Estimation of basic Reproductive Number in Deterministic Model: A case of Malaria and Rotavirus co-infection. **Master of Science in mathematics**, Masinde Muliro University of Science and Technology
2. Peninah Kiptoo SPH/PGH/15/13, "Factors influencing uptake of complementary and alternative treatment among hypertensive patients in Turbo County", , (**Master of Public Health**) , Moi University
3. KhouXiong SPH/PGH/1025/10, Utilization of Mobile Telemedicine at Mbagathi Hospital Comprehensive Care Centre (**Master of Public Health**) , Moi University, 2013
4. Mamothena Carol Mothupi (SPFVPGH/1025110) Prevalence and Pattern of use of herbal medicine during pregnancy, labour and post partum among women with access to health care in Nairobi, .Kenya. (**Master of Public Health**) , Moi University, July 2013)
5. Lydia Togoch, "Perceptions of Internet & E-Health use for HIV/AIDS control among youth. A case study of Catholic University of East Africa. (**Master of Public Health**) , Moi University, May, 2013
6. Titus Rotich, (2012), Effects of Time Lag and Coupling Strength on Synchronized Biological Oscillators an Application to HIV/AIDS, PhD in Mathematics, University of Eldoret
7. Nguku JN; Fire Preparedness & response Capacity of Industrial and Non-industrial Premises in Eldoret, MP Moi University, 2006

Referees
