

Academic Staff Profile

Personal Profile

Personal Details

Name: GEORGE OCHIENG OTIENO

Title/Qualification: PhD

Department: Health Management and Informatics

Designation/Position: Associate Professor

Email: otieno.george@ku.ac.ke

Contact Address: Box 43844-00100, Nairobi

Area of Specialization:

- Health Systems Management with special focus on: Health Informatics, health project monitoring and evaluation, biostatistics and health systems strengthening

Research Interests:

- Evaluation of Health Services
- Patient Safety initiatives in hospitals in developing countries
- Use of ICT to improve healthcare delivery
- Improving Laboratory Information Management Systems
- Encoding information from narrative clinical reports
- Monitoring and evaluation of healthcare interventions
- Health System's strengthening initiatives
- Project/Programme Monitoring and Evaluation

Google Scholar:

https://scholar.google.com/citations?hl=en&user=0mbuxzAAAAAJ&view_op=list_works&sortby=pubdate

ORCID ID: <https://orcid.org/0000-0001-5693-5890>



Academic & Professional Qualifications

- 2008: PhD in Health Service Management (Health Informatics), International University of Health and Welfare, Japan
- 2005: MSc. In Health Service Management, International University of Health and Welfare, Japan

Employment History

- July 2025 to date: Associate Professor, Department of Health Management and Informatics
- 2019 to date: Senior Lecturer, Department of Health management and Informatics
- 2010 to 2019: Lecturer, Department of Health Management and Informatics, School of Public Health, Kenyatta University
- July 2009: Deputy Registrar (Admissions), Kenya Medical Training College

- January 2009: Deputy Head Department of MLS, Kenya Medical Training College
- 1997- 2010: Senior Lecturer, Department of Medical Laboratory, Kenya Medical Training College
- 1991 – 1996: Medical Laboratory Technologists, Lodwar District Hospital, Ministry of Health (Kenya)

Achievements

- I have published 66 papers in peer-reviewed journals
- I have presented 11 conference paper, in peer-reviewed conference
- I have Successfully supervised 15 PhD Students
- I have Successfully supervised 35 Masters Students
- I have successfully coordinated the Msc Public Health Systems' Management and Application program since its inception in 2016
- I am a member of the School of Health Sciences research, grant writing and innovation committee
- I have been involved in organizing conferences and workshops

Publications

Referred Journals

- Lister N. Onsongo, Jacob W. Masika, Dilys Walker, Sarah C. Bett, Grace W. Gachuri, **George O. Otieno**, Stephen N. Njuguna, Anthony K. Wanyoro, Matthew S. Haldeman, Nicole Santos, Grace K. Githemo, 2025, Perspectives of health care providers on obstetric point-of-care ultrasound in lower-level health facilities in Kenya, *Midwifery* 140: 104196
- Aden Hussein Ibrahim, Eliab Seroney Some, **Ochieng Otieno** (2017), Dropout from Routine Immunization among children 12-23 months of age in Garissa Sub County, Kenya, *Researchjournali's Journal of Public Health* Vol. 3: No. 3
- Mutuma Agnes Muthoni, **Otieno George Ochieng**, Kei Robert Mburugu, Ndege Samson, Ndwigwa Taratisio, Gacheri Rose, 2016, Socio-Demographic Characteristics Influencing Uptake of Screening for Cervical Cancer in Women Aged 18-49 Years in Imenti North Sub-county, Meru County, Kenya, *Science Journal of Public Health* 2016; 4(2): 94-99
- Mehmet Top, Ali Yilmaz, Erdem Karabulut, **Ochieng George Otieno**, Melahat Saylam, Sevgi Bakır, Sümbül Top, 2015, Validation of a Nurses' Views on Electronic Medical Record Systems (EMR) Questionnaire in Turkish Health System, *Journal of Medical Systems* 39: 67, doi: 10.1007/s10916-015-0250-2. Epub 2015 May 9.
- Sarah C Keogh, Kenzo Fry, Edwin Mbugua, Mark Ayallo, Heidi Quinn, **George Otieno** and Thoai D Ngo. 2014, Vocal local versus pharmacological treatments for pain management in tubal ligation procedures in rural Kenya: a non-inferiority trial, *BMC Women's Health*, **14**:21
- **Otieno G O**, Hinako T, Motohiro A, Daisuke K, Keiko N. 2008, Measuring Effectiveness of Electronic Medical Records systems: towards building a Composite Index for benchmarking hospitals. *International Journal of Medical Informatics*, **77**(10): 657-669.

- **Otieno G O**, Hinako T, Kanai P, Motohiro A, Keiko N. 2007, Nurses' views on the use, quality and user satisfaction with electronic medical records: questionnaire development. *Journal of Advanced Nursing*; **60**(2): 209-219.
- **Otieno G O**, Hinako T, Daisuke K, Motohiro A, Keiko N. 2007, Sophistication of information technology in healthcare: A comparison among a sample of hospitals in Japan. *Electronic journal of health informatics*; **2**(2): e12.
- **Otieno G O**, Hinako T, Daisuke K, Motohiro A, Keiko N. 2006, EMR Effectiveness: Development and statistical validation of a survey instrument to measure use of, quality of and user satisfaction with EMR from the viewpoint of Physicians. *Japan Journal of Medical Informatics*; **26**(5): 323-332.
- **Otieno G O**, Hosoi R. 2005, Factors influencing diffusion of electronic medical records: a case study in three healthcare institutions in Japan. *Health Information Management Journal*; **34**(4): 120-129.

Conference/Workshops/Seminar Papers

Conference Papers

- **Otieno George Ochieng**, Adoption of Information and Communication Technology in leading and managing effective health Programs, presented at the 4th Health & Leadership Congress 2023: Revolutionizing the Health System through Accountable Management, Leadership & Governance (29th May to 31st 2023) at PrideInn Flamingo Hotel –Mombasa
- Rucha K.K, **Ochieng Otieno**, Gicheru M.M, Yitambe A, A study of factors influencing health workers adoption of information and communication technology in HIV and AIDS Comprehensive Care Centres in Nairobi County, Kenya. In the proceedings of 7th Biennial Conference of the Academy of World Business, Marketing and Management Development, Cracow, Poland, 18-21 July, 2016, vol. 7, No.1, 2016 ISBN 978-0-9943178-4-1, pg 53-58
- Rucha K.K, **Ochieng Otieno**, Gicheru M.M, Yitambe A, Perception of health workers on information communication technology adoption in HIV and AIDS Comprehensive Care Centres in Nairobi County, Kenya. In the proceedings of 7th Biennial Conference of the Academy of World Business, Marketing and Management Development, Cracow, Poland, 18-21 July, 2016, vol. 7, No.1, 2016 ISBN 978-0-9943178-4-1, pg 72-79
- Mutuma A.M, **Otieno G.O**, Ndege, 2016, Factors Uptake of Screening Cervical Cancer in Imenti North Sub-County, Meru County, Kenya, Kenya Medical Training College Scientific Conference, KMTC, Nairobi Kenya
- **Otieno G.O.**, Toyama H., Asonuma M., Koide D., Naitou K. 2007, A composite index for evaluating electronic medical records systems: work in progress. In the proceedings of the MedInfo 2007 conference, Brisbane, Australia, P200.
- **Otieno G.O.**, Toyama H., Asonuma M., Koide D., Naitou K. 2006, A composite index for evaluating electronic medical records systems: work in progress. In the proceedings of the 26th Joint conference on medical informatics, Japan. *Japan Journal of Medical Informatics*, **26** (Suppl.), 266-267.

- **Otieno G.O**, 2001, MCQs in Ordinary Diploma Final Examinations for Medical Laboratory Sciences students at KMTC; How good are they? at the Conference of the Association of Kenya Medical Laboratory Scientific Officers held in Kakamega-Bishop Nicholas Stam.
- **Otieno G.O**, 2001, *Reliability and validity of final Diploma examinations in Medical Laboratory Sciences-KMTC* at the Conference of the Association of Kenya Medical Laboratory Scientific Officers held in Kakamega-Bishop Nicholas Stam.
- **Otieno G.O** and Kangero V. M. 2000, *Review of Ordinary Diploma Curriculum in the Faculty of Medical Laboratory Sciences, KMTC* at the conference of Association of Kenya Medical Laboratory Scientific Officers held in Nyeri -Green Hills Hotel.
- **Otieno G.O** and Kariuki P.K. 2008, Are we ready for the Laboratory Information Management Systems (LIMS)? at the conference of Association of Kenya Medical Laboratory Scientific Officers held in Kisii –Gusii Institute of Technology.

Student Co-authored Publications

- Jacob Owiti Odipo, **George Otieno**, Aliso Yoos, Grace Wanjau, (2024), Household and Community - Based Factors Associated with Universal Coverage of Insecticide - Treated Nets (ITNs). Results from a Cross - Sectional Malaria Survey in Vihiga County, Kenya, International Journal of Science and Research (IJSR), 13:9
- Saida M. Kassim, **George Otieno**, & Joyce Kirui, (2023), Technological Factors Influencing the Quality of Data for the Voluntary Medical Male Circumcision Program in Selected Health Facilities in Siaya County, Kenya, East African Journal of Health and Science, Volume 6, Issue 1
- Leonida C. D, **George O.** & Daniel D, 2022, Technical Factors Influencing Information Use for Decision Making Among Health Personnel in Elgeyo Marakwet County, Kenya, International Journal of Humanities Social Science and Management (IJHSSM), Volume 2, Issue 3
- Lily N. Njoroge, Godfrey H. Mudhune, **George Otieno**, Grace Wanjau, and Alison Yoos, (2023), Utilization of Cervical Cancer Screening Services among Women Aged 18 to 59 Years in Laikipia East Sub-County, Kenya, African Journal of Health Sciences Volume 36, Issue No.6
- Gitahi M. W, **Otieno G. O**, Atieli H. E, & Kabiru E. W, (2021), Effects of Public Health Interventions on Intestinal Parasitic Infections among School-Going Children in Murang'a County, Kenya, African Journal of Health Sciences Volume 34, Issue No.5
- Caroline Kabura Ndemi, **George O. Otieno**, & Kenneth Rucha, (2023), Uptake of Electronic Medical Record System by Health Workers in Selected Public Hospitals in Kiambu County, Kenya, East African Journal of Health and Science, Volume 6, Issue 2.
- Pepela Wanjala, Joyce Chepkirui Kirui, George Ochieng Otieno, Peter Kithuka, Betty Langat, Benjamin Induswe, Samuel Kiprono Cheburet, Japheth Ogal Ouma, and Easter Olwanda, (2025), Technical Factors Influencing Adoption of Data Analytics in Maternal Health Programming Among Health Managers in Kericho and Vihiga Counties, Kenya, American Journal of Biomedical Science & Research, 27(4).

- Pepela Wanjala, Joyce Chepkirui Kirui, George Ochieng Otieno, Peter Kithuka, Betty Langat, Benjamin Induswe, Samuel Kiprono Cheburet, Japheth Ogal Ouma, and Easter Olwanda, (2025), Individual Determinants of Data Analytics Adoption in Maternal Health Programs: A Study among Health Managers in Kericho and Vihiga Counties, Kenya, *American Journal of Biomedical Science & Research*, 27(5)
- Pepela Wanjala, Joyce Chepkirui Kirui, George Ochieng Otieno, Peter Kithuka, Betty Langat, Benjamin Induswe, Samuel Kiprono Cheburet, Japheth Ogal Ouma, and Easter Olwanda, (2025), Assessing the Level of Adoption of Data Analytics Utilization in Maternal Health Programming Among Health Managers: A Case Study of Kericho and Vihiga Counties, Kenya, *American Journal of Biomedical Science & Research*, 27(5)
- Benard Kirui, **George Otieno**, John Oyore, (2025), User Perception of Centralized Electronic Medical Records for HIV Care and Treatment in Uasin Gishu County, Kenya, *International Journal of Scientific and Research Publications*, Volume 15, Issue 4,
- Gilbert Nzomo Mboro, **George Ochieng Otieno**, Kenneth Kibaara Rucha, Ogol Japheth Ouma, Erick Owino, Clement Oganga, (2025), Using Scorecard to Improve Reproductive, Maternal, Neonatal, Child and Adolescent Health Performance Indicators in Public Primary Health Facilities, Kenya, *American Journal of Health Research*: 13:3
- Gilbert N Mboro, Ibrahim Omwom Miruka, Ogol Japheth Ouma, Kenneth Kibaara Rucha, & **George Ochieng Otieno** (2024), Individual characteristics associated with the use of scorecard to improve RMNCAH performance indicators in public primary health facilities in Kenya, *European Journal of Health Sciences*, Vol.10, Issue 6, pp 26 – 36
- Gilbert N Mboro, Ogol Japheth Ouma, **George Ochieng Otieno** & Kenneth Kibaara Rucha, (2024). Health System Structural Factors Associated with Use of Scorecard to Improve RMNCAH Performance Indicators in Public Primary Health Facilities in Kenya," *European Journal of Health Sciences*, AJPO Journals Limited, vol. 10(5), pages 11-27.
- Keziah Muiruri, Mary Wangui Gitahi, **George Ochieng Otieno**, Kevin King'utu (2023), Determinants of Point-of-Care Technology Use among Health Care Workers in Comprehensive Care Centres, A Case of Central Kenya, *East African Journal of Information Technology* ejit.eanso.org Volume 6, Issue 1, 2023, DOI: <https://doi.org/10.37284/ejit.6.1.1330>
- Muthoni Nyaga, **George Otieno**, Alison Yoos, Grace Wanjau, Raphael Muli (2022), Influence of behavioral characteristics of people who inject drugs on uptake of harm reduction services: an observational study, *Int J Community Med Public Health*. 9(4):1611-1617
- William Kala Akobi, John Paul Oyore, **George Ochieng Otieno**, (2022), Interventional behavioural change communication on HIV and aids related high risk behaviour among fishermen in Homabay and Siaya Counties, Kenya, *International Journal of Community Medicine and Public Health* 9(12):xxx-xxx; <http://www.ijcmph.com>: DOI: <https://dx.doi.org/10.18203/2394-6040.ijcmph2022xxxx>
- William Kala Akobi, John Paul Oyore, **George Ochieng Otieno**, (2022), Effects of behavioural change communication on HIV and AIDS related high risk behaviour among fishermen in Homabay and Siaya Counties, *International Journal of Community Medicine and Public Health* 9(12):xxx-xxx; <http://www.ijcmph.com>: DOI: <https://dx.doi.org/10.18203/2394-6040.ijcmph2022xxxx>

- Nancy A. Chebet, Joyce Kirui , **George Otieno**, Deche Sanga, Grace Wanjau, Alison Yoos, (2022), Tuberculosis Treatment Adherence among Patients Taking Anti-TB Drugs in Kilifi County, Kenya, African Journal of Health Sciences Volume 35, Issue No.2
- Francis O. Oguya, Patrick R. Kenya, Francisca Ongecha, Patrick Mureithi, Helgar Musyoka, Nicholas Muraguri, Ben Mundia, Caleb Angira, Mohammed Shose, Taib A. Basheeb, Abdalla Ahmed Mohamed, John P. Oyore, **Otieno G. Ochieng**, Gabriel O. Dida , Saade Abdalla and Reychara Abdool, (2021), Rapid situational assessment of people who inject drugs (PWID) in Nairobi and coastal regions of Kenya: a respondent driven sampling survey, BMC Public Health 21:1549; <https://doi.org/10.1186/s12889-021-11373-9>
- Olwendo Amos., **Otieno George**, Rucha Kenneth, (2021), Suitability of Electronic Health Record Data for Computational Phenotyping of Diabetes Mellitus at Nairobi Hospital, Nairobi City County, Kenya, East African Journal of Science, Technology and Innovation, Vol. 2 (2).
- Gatwiri Murithi, Kenneth Rucha, **George Otieno**, John Kennedy Munene, Nelson Muriu, Grace Wanjau, Alison Yoos. (2021), Health System Factors Associated With Patient Driven Referral for Health Services among Outpatients at the County Referral Hospital in Nyeri, Kenya; World Journal of Innovative Research (WJIR); Vol.11(4):30-35
- Duncan Mutongu Maina, Kenneth Kibaara Rucha, **George Ochieng Otieno**, Abel Khisa Gilbert Koome Rithaa (2021), Health Professionals' Factors Influencing Utilization of Disease Classification Systems in Public Hospitals in Kiambu County, Kenya, Scientific Research Journal (SCIRJ), Volume IX, Issue I
- Kenyenga Benjamin Oreni, Yitambe Andre, **Ochieng George Otieno**, Oti Mary Iwaret, (2021), Data Quality in Health Management Information Systems at Kenyatta National Hospital in Nairobi City County, Kenya: Influence of Technological Factors, IOSR Journal of Nursing and Health Science e-ISSN: 2320–1959.p- ISSN: 2320–1940 Volume 10, Issue 3 Ser. 1: PP 45-51
- Selpha Amuko, Kenneth Rucha, **George Otieno**, Khadija Awadh, Grace Wanjau, Alison Yoos (2021), Views of Secondary School Students on Adolescent Friendly Health Services in Level Two Facilities in Mombasa County, Kenya, African Journal of Health Sciences, Vol. 33 (5)
- Okello L, N., Sirera M. & **Otieno G, O.** (2021). Perceptions of Clergy on Collaboration with Psychological Counsellors in Management of Mental Health: A Focus on the Anglican Church of Kenya, Nairobi Diocese. Journal of Sociology, Psychology & Religious Studies. Vol 3(1) pp. 29-44
- Eddah Kanini Karijo, **George Ochieng Otieno**, Stephen Mogere (2021), Determinants of Data Use for Decision Making in Health Facilities in Kitui County, Kenya: Quest Journal of Management and Social Sciences, 3(1): 63-75
- Joseph O. Adoyo, Eliphas G. Makunyi, **George O. Otieno**, Alison Yoos (2021), Magnitude and determinants of self-referrals among women seeking skilled birth attendance services: a cross-sectional hospital-based study in Marsabit County, Kenya; International Journal of Community Medicine and Public Health: 8(5):

- Alice Mukunzu Ngesa, Joyce Kirui, Isaac Matheka, **George Otieno**, Alison Yoos (2021), Utilization of free maternity services among women of child bearing age in Machakos County, Kenya, Pan African Medical Journal: 39(25)
- Owaka Isaac Ogweni, **Otieno George Ochieng**, Keraka Margaret Nyanchoke, (2020), Sexual and Reproductive Health Knowledge and Associated Factors among Day School Going Girls in Homa Bay County, Kenya, Kabarak Journal of Research and Innovation, Vol. 10(1)
- Monica N. Nderitu, Jonathan Wala , **Otieno O. Otieno** (2020), Dyslipidemia in blood pressure control among adult hypertensive patients in Kiambu County Hospital Kenya, The East and Central Africa Medical Journal Volume 4 Number 11-17
- Amos Olwendo, **George Otieno**, Kenneth Rucha, (2020), Prevalence and Complications Associated with Diabetes Mellitus at the Nairobi Hospital, Nairobi City County, Kenya, Journal of Health Informatic Africa. 2020;7(2):47-57. DOI: 10.12856/JHIA-2020-v7-i2-290
- David F. O. Omoit, **George O. Otieno**, Kenneth K. Rucha, (2020), Measuring the Extent of Compliance to Standard Operating Procedures for Documentation of Medical Records by Healthcare Workers in Kenya, Journal of Public Health Research, 10(2): 78-86, DOI: 10.5923/j.phr.20201002.06
- Nkirote Mwirigi, Morris Maina, Faith Ngari, Eunice Omesa, Grace Wanjau, Alison Yoos, **Otieno George** (2020), Knowledge of Tuberculosis among Residents of Informal Settlements: A case of Mukuru Kwa Njenga, Nairobi, International Journal of Scientific and Research Publication
- Jackline Mosina Nyaberi, **Otieno G. Ochieng**, Osero O.S. Justus (2020), Trends of utilization of free maternal services implemented among postnatal women in sub-county hospitals of selected counties in Nyanza, Kenya, International Journal of Community Medicine and Public Health
- Oren N. Ombiro, **George O. Otieno**, (2019), Utilization of the National Hospital Insurance Fund in Embu County, Kenya, International Journal of Health and Pharmaceutical Research, 5(1): 34-46
- Muwanguzi David Gangu, **Otieno G.O**, Kenneth R. Kibaara, John F. Mugisha, Muluya K. Mwebaza, (2019), Training of Health units Management Committee and Performance of Health Centres in Eastern Uganda, Journal of Research Innovation and Implications in Education, 3(3): 9-19
- Judy Wairimu Mugo, Vincent Onywera, Judith Waudu, **Ochieng George Otieno**, (2018), Functionality of Elderly Persons: A Comparison Between Institutionalized and Non – Institutionalized Elderly Persons in Nairobi City County, in Kenya, World Journal of Public Health, 3(1): 9-15
- Maureen Atieno Adoyo, **George Ochieng Otieno**, Charles Omondi Oyaya (2018), Cross-sectional analysis of point of care as determinant factor in the implementation of HIV/AIDS integration policy, Global Journal for Research Analysis, 7(6): 23-25.
- Maureen Atieno Adoyo, **George Ochieng Otieno**, Charles Omondi Oyaya (2018), Unmet HIV/AIDS Services Needs amongst Adolescent and Children in Kenya, International Journal of Health Sciences & Research (www.ijhsr.org), Vol.8; Issue: 7.

- D.M Kiura, A.Yitambe, M. Ofafa, **G.O, Otieno**, J.M Tole, K.M, Kinuthia, (2017), Quantification of the amount of time spent in various patient care activities among doctors in paediatric wards of hospitals in Nairobi County, East African Medical Journal vol.94(9)
- Muturi SG, **Otieno G.O**, Ngatiri G, Muhoho N, (2017), Pattern of epidemics monitoring data reporting among health facilities in Nairobi City County, Kenya, East and Central Africa Medical Journal; 3(1): 7-13
- Judy Wairimu Mugo, Vincent Onywera, Judith Waudo, **Ochieng George Otieno**, (2017), Nutritional Status of Elderly Persons: A Comparison Between Institutionalized and Non – Institutionalized Elderly Persons in Nairobi City County, in Kenya, International Journal of Innovative Research and Advanced Studies (IJIRAS), 4(10): 199-204
- Gachoka J. K.; **Otieno G. O.**;Yitambe A. O, (2018), Effects of Training on Quality of Clinical Coding at Mbagathi County Referral Hospital, Nairobi City County, Kenya, International Journal for Innovation Education and Research: 6 (01)
- J. G. Kiongo, **G. O. Otieno**, Andre Yitambe, 2018, Quality of Clinical Coding at Mama Lucy Kibaki Hospital, Nairobi City County, Kenya, The International Journal Of Science & Technoledge (ISSN 2321 – 919X), 6(1): 43-46
- Kathini E., Yitambe A., **Ochieng O, G.** (2018). Health Information Technology Utilization in Patient Safety Promotion by Health Care Workers, Mama Lucy Kibaki Hospital, Nairobi City County, Kenya. International Journal of Current Business and Social Sciences, Volume, 1 Issue, 8 pp,62-77
- Kenneth K. Rucha, **Ochieng Otieno**, Michael M. Gicheru, Andre Yitambe, Predicators of Health Workers Adoption of Information and Communication Technology in Selected Health Centers in Nairobi County, Kenya, Journal of Management and World Business Research, Vol. 13, No. 1, 2016
- Olive Muchene, **George O. Otieno**, Isaac J. Mwanzo (2016), Demographic factors influencing use of computerized health management information system among Nurses, African Journal of Health Information Systems, 1(1): 6-9
- Nancy Mugure Njoka, **George Ochieng Otieno**, Peter Mwaniki, Solomon Kemoi Cheboi, Appreciating the Essence of Post Natal Care Services from Mothers' Perspective in Kiambu, Kenya British Journal of Medicine & Medical Research 20(3): 1-13, 2017; Article no.BJMMR.32196
- Gabriel M. Kishoyian, Yunis B. Osinyo, Jane N. Kishoyian, **George O. Otieno** (2017) , Factors contributing to malnutrition among children under five years of age in Machakos County level five Hospital, Kenya, World Journal of Pharmaceutical and Medical Research, 3(2), 01-12, 2017
- Norbert Wekesa, Gabriel Kishoyian, **George Otieno**, 2015, Prevalence of Trichomonas Infection among clients attending Meru County level five hospital, Kenya, International Journal of Microbiology and Bioinformatics- Vol.5, Issue, 5, pp. 6-9, May
- Oikeh Eboime I.O, **Otieno G.O**, Okumbe G.M, 2016, Determinants of inequalities in self-perceived health among the urban poor in Kenya: A gender perspective, Global Journal of Medicine and Public Health, Vol. 5, No. 3,: 1-12

- Brendah Obura, Solomon Cheboi, **George Ochieng Otieno**, John Paul Oyore and John G. Kariuki, 2016, Contextual Analysis and Perceptions of Health Workers on Migration: Perspective from Kenyatta National Hospital Staff, Nairobi Kenya, Journal of Advances in Medical and Pharmaceutical Sciences, 8(2): 1-11, 2016, Article no.JAMPS.25748
- Wairiuko W. Judy, Cheboi K. Solomon, **Ochieng George**, Oyore John P, 2015, Understanding the Context of Healthcare Access among the Elderly in Informal Settlement Kibera, Nairobi, Kenya, International Journal of Health Sciences & Research (www.ijhsr.org) Vol.5; Issue: 11; November 2015
- Mulingwa W. Margaret, Cheboi K. Solomon, Oyore P. John, **Otieno G. Ochien’g**, (2016), Performance of community health workers in Njiru District, Nairobi County, Kenya, International Journal of Medical and Health Research, Volume 2; Issue 2; Page No. 04-20
- Adeline E. Munuo, Beatrice W. Mugendi, Onesmo A. Kisanga, **George O. Otieno** (2016), Nutrition knowledge, attitudes and practices among healthcare workers in management of chronic kidney diseases in selected hospitals in Dar es Salaam, Tanzania; a cross-sectional study, BMC Nutrition 2:6, DOI 10.1186/s40795-016-0045-y
- Wamae P.M, Githeko A.K., **Otieno G.O.**, Kabiru E.W., Duombia S.O., 2015, Early biting of the Anopheles gambiae s.s. and its challenges to vector control using insecticide treated nets in western Kenya highlands, Acta Tropica 150: 136–142

Funded Projects

- November 2022 –**Bill and Melinda Gates Foundation**, (2022) - Evaluation of the Effect of Training and Implementation of the Portable Ultrasound Devices among Mid-Level Clinicians on Maternal and Neonatal Health Services in Selected Counties in Kenya: Research Grant \$1,058,855.00
- March 2023 –**USAID Kenya Health Systems Strengthening**, - Health Financing Equity Resource Optimization (USAID HERO) Program: Grant Award \$12,883,647.00
- February 2014 –to- June 2015 - **UNICEF KCO** Co-Consultant (Co-PI); Qualitative study on barriers and supportive factors in the uptake of MNCH services in Homa Bay and Turkana counties, Kenya
- October, 2013 –to- March 2014 - **UNICEF KCO** Lead consultant (PI); Institutionalization of Evidence-Based Planning through bottleneck analysis for the eMTCT in six Counties

Conferenced/Workshops/Seminars Attended

Conferences Attended

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Workshops Attended

- January -June, 2025: Global Faculty Training in Biodesign at the Stanford University, US
- 19th to 23rd September 2022 completed a training on Point-of-Care Ultrasound Course held at Kenyatta University

- August 2022 attended a two weeks virtual workshop on the manuscript writing workshop conducted by Population Services International (PSI)
- 19th – 22nd February, 2017, TOT workshop on Qualitative Evaluation of population, nutrition and health programs, INSP, Cuernavaca, Mexico
- 1st – 10th May, 2016, TOT Workshop on Program Impact Evaluation and Curriculum Review, Accra, Ghana
- 20th July -1st August, 2015, International Workshop on Impact evaluation of Population, Nutrition and Health Programs, New Delhi, India
- 17th -21st November, 2008, Laboratory Management Training Workshop at Reef Hotel, Mombasa
- 13th October -17th October, 2008, Pre-Service Curriculum Finalization Workshop at Reef Hotel, Mombasa

Supervision of Postgraduate Students

Masters

Ongoing

- **Machuki Eric Bob, P140/CTY/20994/10**, Assessment of Patient Satisfaction with the Quality of Healthcare Services at Kajiado County Referral Hospital, Kenya
- **Peter Mungai Mbuthia, Q141/CTY/PT/38161/2016**, Perceived Quality of Electronic Health Records Systems among Health Workers in Public Health Facilities in Kiambu County, Kenya
- **Takah Mercy Mariana, Q140/CTY/PT/25614/2013**, Assessment of Quality of Care Provided to Mothers Delivering at Sololo Mission Hospital, Marsabit County, Kenya
- **Olivia Bukachi Okumu, P141/CTY/PT/22981/2011**, Level of User Satisfaction With Electronic Medical Records System among Health Workers in Kakamega County Referral Hospital, Kenya
- **Velma .O. Asira, Q140/CTY/PT/27068/2014**, Health Workers Knowledge and Perception Towards Electronic Medical Records Adoption in Out-Patient Workflow at Kenyatta National Hospital, Nairobi City County, Kenya

Completed

- **Leoniday C. Bayas, Q141/CE/28562/2013**: Health Information use for decision making among health personel in Elgeyo Marakwet County, Kenya
- **Saida Mjema Kassim, Q141/CTY/PT/37481/2016**, Data Quality in Voluntary Medical Male Circumcision Program in Selected Health Facilities in Siaya County, Kenya
- **Geoffrey Karanja Muiruri, Q141/CTY/PT/28887/2015**, Factors Influencing Acceptance of Electronic Medical Records System in Murang'a County Referral Hospital in Murang'a County, Kenya

- **Maryanne Wanjui Muritu, Q141/CE/26174/2014,** The Diffusion of Electronic Medical Record Towards Achieving Universal Health Care in Selected Public Health Facilities in Kenya
- **Kagwiri Mary, Q58/NKU/PT/27851/14,** Utilization of Routine Health Data in Decision Making By Nurse Managers in Various Hospitals in Nakuru County, Kenya
- **Keziah Kanina Muiruri, Q58/CTY/PT/26300/2018,** Determinants of Point-Of-Care Technology Use among Health Care Workers Offering Services at Comprehensive Care Centres in Central, Kenya
- **Caroline Kabura Ndemi, Q141/CTY/PT/38160/2016,** Uptake of Electronic Medical Record System by Health Workers in Selected Public Hospitals, Kiambu County, Kenya
- **Benjamin Oreni Kenyenga, Q140/CTY/PT/27069/2014, Msc Thesis, -Data** Quality in Health Management Information Systems in Kenyatta National Hospital, Nairobi City County, Kenya
- **Collins Adegbo Sudi, Q141/CTY/PT/30924/2015, Msc Thesis** –Level of information and communication technology adoption among information managers in selected health facilities in Nairobi City County, Kenya
- **Duncan Mutongu Maina, Q141/CE/27315/2014, Msc Thesis** –Utilization of diseases classification systems among health information professionals in selected public hospitals in Kiambu County, Kenya.
- **Kisorio Ezekiel Kiptarbei, Q140/CE/28216/2013, Msc Thesis** –Health Information Utilization for decision-making in health facilities in Nandi County, Kenya.
- **Ferdinand Wabwile Milliano, P57/12350/2009, MPH Thesis** –Utilization of integrated diseases surveillance and response data in controlling infectious diseases among public health facilities in Kiambu County, Kenya.
- **Githu George Mairaga, Q141/CTY/PT/23605/2013, Msc Thesis** –Health information system feedback in selected public health facilities in Nairobi City County, Kenya
- **Jeremiah Mainah, P57/20433/2010, MPH Thesis** –Knowledge and perception of nurses towards post abortion care practices in tier three health facilities in Nairobi County, Kenya
- **Oguttu Obiero Joseph, P57/23672/2011, MPH Thesis** –Uptake of community-led total sanitation approach towards attainment of open-defecation free status in Siaya County, Kenya
- **Joyce W. Wachira, Q139/CE/20842/2012, MPH Thesis** –Assessment of satisfaction with postnatal care services among women who delivered in Embu hospital, Embu County, Kenya
- **Kebenei Enock Kipchirchir, Q141/CTY/PT/27648/2014, Msc Thesis** –Adherence to data protection guidelines among health researchers at Kenya Medical Research Institute.
- **Mutai Kiplangat Titus Q142/38399/2017, Msc Thesis** –Utilization of focused antenatal care among expectant women aged 18-49 years in Murang'a County, Kenya.
- **Monica N. Nderitu, P151/31183/2015, MMED Thesis** –Dyslipidemia and blood pressure control among hypertensive patients at Kiambu County hospital, Kenya
- **Muthoni Nyaga, Q142/26859/2018, Msc Thesis** –Uptake of harm reduction services by people who inject drugs in Nairobi City County, Kenya

Ph. D

Ongoing supervisions

- **Okello Loice Noo, C82/11347/2008**, Perception of Clergy on Collaboration with Psychological Counsellors in Management of Mental Health: A Focus on the Anglican Church of Kenya, Nairobi Diocese
- **Evelyn Makena Mugambi, P97/29318/2014**, Effects of Inclusive Wash Intervention on Wash Services Access among Vulnerable Households Receiving government Cash Assistance in Makueni County, Kenya
- **Pepela Wanjala, Q97/28140/2018**, Adoption of Data Analytics in Maternal Health Programming among Health Managers in Selected Counties in Kenya
- **Gilbert Nzomo Mboro, Q97/39110/2017**, Improving Reproductive, Maternal, Neonatal, Child and Adolescent Health Performance Indicators Using Scorecard Approach in Public Primary Care Health Facilities In Selected Counties, Kenya

Completed supervisions

- **William Kala Akobi, Q97/25828/2013, PhD Thesis** –Effects of Behavioural Change Communication on HIV and AIDS Related High Risk Behaviour among Fishermen in Homabay and Siaya Counties, Kenya
- **Amos Otieno Olwendo, Q97/38942/2016, PhD Thesis** –Suitability of Electronic Health Record Data for Computational Phenotyping of Diabetes Mellitus at Nairobi Hospital, Kenya
- **Muwanguzi David Gangu, Q97EA/CTY/37536/536/2017, PhD Thesis** –Effectiveness of Training Health unit Management Committees on Performance of Health Centres, East Central, Uganda
- **Owaka Isaac Ogweni, Q97/37422/2016, PhD Thesis** –Influence of School-based Sexual Risk avoidance Education on Sexual behaviour among adolescent girls in Homabay County, Kenya
- **Kabeu, Emma Watetu, Q97/23592/2012, PhD Thesis** –Citizen Participation in Management of Devolved Healthcare Funds in Embu County, Kenya
- **Peter Munyao Kithuka, P97/21313/2010, PhD Thesis** - Predictors of Community health workers retention in Makueni County, Kenya
- **Jackline Mosinya Nyaberi, Q97/20283/2012, PhD Thesis** –Implementation of Free Maternal Health Services among Pregnant Women in Public Hospitals in Nyanza Region, Kenya
- **Joyce Chepkirui Kirui, Q97/23612/2012, PhD Thesis** –Utilization of *mobile*Health Technologies to Improve Treatment Compliance among Tuberculosis Patients in Kisumu, Siaya and Homa Bay Counties of Kenya
- **Mary G. W Muiruri, P97/21293/2010, PhD Thesis** –Effects of Public Health Interventions on Intestinal Parasitic Infections among School-Going Children in Murang'a County, Kenya
- **Judy Wairimu Mugo, P97/11064/2008, PhD Thesis** –Association of Functionality and Nutrition Status of Elderly Persons: A comparison Between Institutionalized and Non-Institutionalized Elderly in Nairobi County, Kenya
- **Oguya Francis Ochieng, I84/15201/2005, PhD Thesis**- HIV prevalence and risk behaviour among people who inject drugs in Nairobi, Kenya

- **Imesidayo Omua Eboireime-Oikeh, P97F/21836/2010, PhD Thesis** –Determinants of Health Inequalities among Adults in Korogocho Informal Settlement
- **Rucha Kenneth Kibaara, P97/22289/2010, PhD Thesis** –Information and Communication Technology Adoption in HIV and AIDS Comprehensive Care Centers in Nairobi County, Kenya

Professional/ Consultancy (Editor/ Peer review in journals, Networks/ Collaborations, External Examiner, Patents)

- January 2023 appointed external examiner for PhD Thesis for Gilbert Ridhaa by the Associate Dean, Postgraduate Students and Research, Faculty of Health Sciences, University of Nairobi
- May 2021 appointed external examiner for PhD Thesis for Mary Ngaruiya by the Graduate School, University of Nairobi
- July 2022 appointed external examiner for PhD thesis referenced MSU/SGS/022/022 of School of public health and community development of Maseno University
- July 2022 appointed external examiner for PhD thesis referenced MSU/SGS/022/41 of School of public health and community development of Maseno University
- May 2020, appointed external examiner for the department of health records and information management of Chuka University for a period of three (3) years
- August 2021, extension of appointment as external examiner in the institute of biomedical informatics in the college of health sciences of Moi University for a period of one(1) year
- **2014-2019-** Appointed External Examiner for School of Medicine, Department of Medical Education and Biomedical Informatics, Moi University
- **2016- 2025** Appointed External Examiner for the School of Clinical Medicine, Department of Health Records and Information Management, Mount Kenya University
- **2016- 2018** Appointed External Masters' Thesis Examiner for the School of Medicine and Health Sciences, Kenya Methodist University
- **2016 -2024** –Appointed External Examiner for the department of Public Health and Community Health, School of Public Health, Jomo Kenyatta University of Agriculture and Technology
- **May 2018** –Appointed External Examiner for MPH thesis from the University of Pretoria, South Africa
- **Global Ultrasound Institute and Butterfly Network Project (2022-2023):** Evaluation of the Effect of Training and Implementation of the Portable Ultrasound Devices among Mid-Level Clinicians on Maternal and Neonatal Health Services in Selected Counties in Kenya

- **USAID Kenya HSS, (2022)-** Health Financing Analytics and Social Protection Systems for Health
- **CDC – Kenya (2016-2022), Improving Public Health Systems Management for Action (IMPACT)**, A collaborative capacity Building Program between Ministry of Health, Kenyatta University and CDC
- **ACF –Somalia (January, 2021)**, External Evaluation of Integrated Life-Saving Nutrition, Health, WASH Support for Vulnerable Population affected by Drought, Conflict and Rapid Onset Emergencies in South Central Somalia
- **WHO-AFRO (November, 2020)**, Consultancy on the Continuity of Essential Sexual and Reproductive Health Services During Covid-19 Pandemic in the WHO African Region
- **CDC Kenya (2016 -ongoing)**, Collaborative implementation of a training program for Improving Public Health Management for Action (IMPACT)
- **AMREF Kenya (January, 2019)**, Rapid Assessment of the Prevention, Management and Control of Infectious Diseases (Diarrhoea and Pneumonia) in Kenya
- **AMREF Kenya (August, 2018) End term Evaluation:** Effective Management and Control of NCDs (Diabetes and Childhood Asthma) in Nairobi, Kakamega, Nyeri and Kilifi Counties, Kenya
- **AMREF Kenya (May, 2016)**, Baseline Survey on Management and Control of NCDs (Diabetes and Childhood Asthma) in Kenya
- **CARE Kenya (April, 2018)**, Lead Consultant, End-Term Review of Kisumu Integrated Family Health Project
- **CARE Kenya (March, 2018)**, Co-Lead Consultant, Mid-Term Evaluation Report for Siaya Maternal and Child Nutrition *Nawiri* Project
- **CARE Kenya (2015)**, Lead Consultant Baseline survey of maternal and child health and family planning services (Uzazi Wema Project) in Kisumu East Sub County
- **UNICEF KCO (February 2014 –to- June 2015)** Co-Consultant (Co-PI); Qualitative study on barriers and supportive factors in the uptake of MNCH services in Homa Bay and Turkana counties, Kenya
- **UNICEF KCO (October, 2013 –to- March 2014)** Lead consultant (PI); Institutionalization of Evidence-Based Planning through bottleneck analysis for the eMTCT in six Counties

- **Marie Stopes International** (Sept. 2011 to July 2012) Lead consultant in the Clinical trial of effectiveness of Vocal Local versus pharmacological pain management in tubal ligation procedures
- **AMREF Kenya (July –August 2011)** lead consultant – Finalization of the outreach curriculum for clinical and laboratory diagnosis of Malaria –the **outreach program**
- **Independent Medico-Legal Unit (IMLU) (March to May, 2015)**, Consultant; Development of a forensic medical manual
- **World Vision, Kenya (March 2014 to June, 2014)** Lead Consultant; Mobilizing for improved Maternal and Neonatal Health through Birth Spacing and Advocacy (MOMENT) Project Baseline Survey
- **Fred Hollows Foundation (November to December, 2014)**, Consultant; Eye Health Teaching and Learning Project –Curriculum Review and Development
- **ABT Associates** (January 2013 –to –June 2013) Review of Health Information System Policy and Strategic Plan for the Ministry of Health, Kenya
- **SNV Netherlands (October 2012 –to –June 2013)**, Principals Investigator –Rural Kenya Market Research on Sustainable Sanitation Products and Solutions for Low Income Households

Community Service and Other Engagements

- May 2022 Appointed Board Member, St. Mary's Magina Girls Secondary School –Homa Bay County for a period of three (3) years
- March 2020 Appointed Board Member, Odera Boys Secondary School –Homa Bay County for a period of three (3) years

Affiliation of Professional Bodies

- Health Systems Management Association (HESMA) (<http://hesma.org>).
- Chairman, Global Evaluation and Monitoring Network for Health (GEMNet-Health) (<https://gemnet-health.net/>).
- Kenya Health Informatics Association (KEHIA) (<http://www.kehia.org>).
- Association for Computing Machinery (ACM) (www.acm.org).

Recognized university administrative positions

- Appointed course coordinator, Msc. Public Systems Management and Application
- Appointed, Ag. Director, Kenyatta University Teaching and Referral Hospital
- Appointed Chairman, department of health Management and Informatics