

MARICIANAH ONONO

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Ag DIRECTOR, SCIENTIFIC PROGRAMS, PARTNERSHIPS AND GRANT MANAGEMENT – KEMRI

Making Strategic and Clinical Impact through Research Programs, Collaborative Research Partnerships, Policy, Research Financing and Grants Management

Acting Director of Scientific Programs, Partnerships and Grants Management with 20+ years of progressive experience in providing strategic, scientific, technical and programmatic leadership on research activities and programs, leading collaborative research activities, providing policy advice, steering policy formulation, research financing, and the development and management of research grants to advance human health research and strengthen institutional research capacity.

Collaborative stakeholder liaison who develops, manages, and promotes research partnerships and collaborations with local and international partners/stakeholders (including academia, national and county governments and the private sector), builds and diversifies funding sources with various donors to support and advance research activities. Fluent in English and Kiswahili with technical proficiency in MS Office Suite and study databases (Rave/IRT, DF Explore, Castor EDC and REDCap).

Areas of Expertise:

Clinical Research & Development – Scientific Research Programs – Public Health & Epidemiology – Government Relations – Stakeholder Management – Grant Management – Grant Writing – Policy Formulation – Training/Capacity Building – External Relations, Networking & Partnerships – Leadership – Scientific Writing & Presentation – Fundraising/Resource Mobilization – Monitoring & Evaluation – Reporting

EDUCATION & TRAINING

- 2024 **Master of Medicine (MMed) in Psychiatry** – University of Nairobi, Kenya
- 2019 **PhD in Global Health Science** – University of California San Francisco, CA, USA
- 2012 **Master of Science in Clinical Research** – University of Liverpool, UK
- 2005 **Bachelor of Medicine and Bachelor of Surgery (MBChB)** – University of Nairobi, Kenya

Continuing Education:

- 2020 Strategic Leadership Development Programme – Kenya School of Government
- 2013 Fellowship in Global Health – University of California San Francisco, CA, USA
- 2009 Certificate in Research Methods – University of California San Francisco, CA, USA

PROFESSIONAL EXPERIENCE & MILESTONES

Kenya Medical Research Institute (KEMRI) – Kisumu, Kenya**April 2023 to Present****Acting Director – Scientific Programs, Partnerships and Grants Management**

Providing technical, strategic, and programmatic leadership on all research activities carried out at the Institute, advising on policy to advance Equitable, Affordable and Quality Health Care, guiding resource mobilization to catalyze research financing and development of sustainable research and grants management, and coordinating stakeholder engagement, strategic and collaborative research partnerships.

SELECTED ACCOMPLISHMENTS:

- Leading seven scientific research programs on Biotechnology, Infectious and Parasitic diseases, Non-communicable diseases, One-Health and Climate Health, Sexual Reproductive Adolescent and Child Health, Public Health and Health systems.
- Coordinating research financing through technical development of strategies to attract funding, and supporting grants development and management.
- Promoting partnerships and research collaborations with partners and County Governments (currently overseeing over 200 collaborations).
- Serving as liaison with all Government Ministries, research institutions, universities, the National Council for Science and Technology and Innovations (NACOSTI) and other organizations on research collaboration.
- Convening and coordinating meetings with collaborators, partners, and other stakeholders.
- Shouldering additional responsibilities as acting Director General and CEO when the principal is out of office.

Kenya Medical Research Institute (KEMRI) – Kisumu, Kenya**May 2020 to Present****Senior Principal Clinical Research Scientist**

Lead overall implementation of multi-site clinical studies on Public Health/ Epidemiology, Infectious Diseases, and Reproductive Health and oversaw 92 study staff.

SELECTED ACCOMPLISHMENTS:

- Assumed the role of Country Director on a blinded single-dose **HPV vaccination efficacy study** among adolescents and young women in Kisumu, Nairobi, and Thika.
- Led a Phase III, randomized, observer-blind, placebo-controlled, multi-center, multinational study to evaluate the efficacy, immunogenicity, and safety of a Respiratory Syncytial Virus vaccine in infants and toddlers (**PEARL**) as the Site Principal Investigator.
- Held the role of Site Principal Investigator on the **Tunawiri Study** which focused on integration of a collaborative care model for perinatal mental health and HIV in Kenya.
- Spearheaded a study on **oral human papillomavirus prevalence, persistence, and risk-factors in HIV-positive and at-risk HIV-negative men and women** in southwestern Kenya as Principal Investigator.

- Directed a World Health Organization (WHO)-funded **Solidarity Vaccine Trial**: - an international randomised trial of candidate vaccines against COVID-19 as the Site Principal Investigator.
- Took lead of the **Tatua Study** as Site Principal Investigator, a study that focused adapting a lay health worker problem-solving therapy intervention for at-risk pregnant/ postpartum women with HIV in Kenya to promote treatment success.

Kenya Medical Research Institute (KEMRI) – Kisumu, Kenya**February 2012 to April 2020****Clinical Research Scientist**

Coordinated the design, conduct, interpretation, and reporting of clinical studies on Public Health/ Epidemiology, Infectious Diseases and Reproductive Health across multiple sites.

SELECTED ACCOMPLISHMENTS:

- Served as Principal Investigator on various clinical studies which included the following:
 - The **KEN SHE Study** - a blinded, single-dose HPV vaccination efficacy study among adolescents and young women in Kisumu, Nairobi, and Thika, overseeing up to 76 study staff.
 - The **Shamba Maisha Study** assessing preliminary effects of multi-sectoral agricultural interventions on the sexual and reproductive health of HIV-affected adolescent girls, with leadership of six staff.
 - A qualitative study on the **impact of income-generating agricultural interventions on sexual behavior and psychological wellbeing of adolescent girls and young women living with HIV in urban settings** in Western Kenya, and supervised two staff.
 - **Randomized comparisons using biological and behavioral assessments and implications to study changes in sexual behavior on initiation of effective contraceptives**; led two staff.
 - Evidence for contraceptive options and HIV Outcomes (**ECHO**) **Trial** - a multi-center, open-label, randomized clinical trial comparing HIV incidence and contraceptive benefits in women using Depot Medroxyprogesterone Acetate, Levonorgestrel Implant, and Copper IUDs, with oversight of 40 study staff.
 - **Biological mechanisms study on the effects of hormonal contraceptives on genital immunity and HIV susceptibility**, including leadership of eight staff.
 - A UNICEF-sponsored **integrated Community Case Management (iCCM) of Pneumonia, Malaria, and Diarrhea in children under 5 in Homa Bay County**; supervised 10 staff, 2,250 community health workers, reached over 200,000 children, and demonstrated that CHWs could correctly diagnose and treat Pneumonia with antibiotics. Developed a mobile phone-based surveillance system (Utoto salama) to track Pneumonia through 13,000 texts, monitored commodity supplies and CHWs' performance.
 - A WHO-sponsored **mobile phone-enhanced iCCM of Pneumonia** which influenced policy changes on national guidelines, allowing outpatient treatment of chest-indrawing Pneumonia; supervised 10 staff and 2250 CHWs (Community Health Workers).
 - **Pii en Ngima** – A study on health consequences of water insecurity for HIV-infected mothers and their infants; managed nine staff.
 - **Pidh Moromo 1** study on health consequences of food and nutrition insecurity on HIV positive women in Nyanza, Kenya, with supervision of nine staff.

- **Pith Moromo 2** - A formative qualitative research on the health consequences of food and nutrition insecurity on HIV positive women and their infants in Nyanza; supervised 76 staff across three sites (Kisumu, Nairobi, and Thika).
- **Process evaluation and national toolkit development to support family planning integration into HIV care and treatment in Kenya.** Served as Interim Chair of the 25-member National Reproductive Health-HIV Technical Working Group, spearheaded nationwide dissemination, managed three staff, and developed the national toolkit for reproductive health and HIV integration that serves as a standard of practice to date.
- The **Kenya Urban Reproductive Health Initiative Service Delivery Point Survey** (Baseline and Endline survey) - Supervised 70 staff in Mombasa, Kisumu, Kakamega, Machakos, and Nairobi and served as National Survey Coordinator.
- Held the role of Co-Investigator on a study on **Maximizing Adherence and Retention for Women and Infants in the context of Option B**; supervised 35 staff across multiple sites in Migori, Rongo, Nyatike, Mbita, and Kisumu.
- Provided technical and clinical care support to Family AIDS Care and Education Services (FACES) on sexual and reproductive health, adolescent and child health programs that increased male involvement in antenatal care from 7.4% to 54.2% in 2 years.
- Strengthened capacity of health care workers on collection of dry blood samples for PCR, increasing early infant diagnosis from 54.3% to 74.9% on the FACES program.
- Paved the way for a reduction in MTCT from 35% to 6%, and uptake in family planning among HIV-infected women from 42% to 60% as part of the FACES PMTCT Program.

KEMRI-UCSF Project – Kisumu, Kenya**April 2008 to January 2012****Nyanza Research Coordinator**

Spearheaded and supported multi-site research studies as part of KEMRI – University of California San Francisco (UCSF) research collaboration.

SELECTED ACCOMPLISHMENTS:

- Led/ facilitated the implementation of clinical research studies which included the following:
 - An **HIV/AIDS and Antenatal Care Integration Program in Migori and Rongo districts** - supported post-study integration of ANC and HIV services in 96 FACES-supported facilities, developed systems to retain and follow up HIV-infected pregnant women.
 - A formative research for **intervention-adaptation for HIV/AIDS service providers on Gender-Based Violence in rural Western Kenya** as the Research Coordinator.
 - A study on **fertility desires and family planning among HIV-infected couples in Nyanza province**, Kenya as Study Research Coordinator.
 - **Impact evaluation of family planning health talks by community clinic health assistants on contraceptive knowledge and attitudes among HIV-infected patients in Nyanza Province**, Kenya as the Research Coordinator.
 - The **Maternity in Migori and AIDS Stigma Study as an** Assistant Coordinator/ Study Coordinator.

- The **Tupange/ MLE Study** - a Baseline Family Planning Service Delivery Point Survey as the National Survey Coordinator.
- A **National Urban Reproductive Health baseline and end line survey** as the National Survey Coordinator – planned and implemented the survey, coordinated data collection, supervised staff, and developed and submitted QC reports presented at a national forum.
- A **Family Planning and HIV Integration Study in Migori, Rongo, Kisumu East, and Suba Districts** as the Clinical and Research Coordinator.
- Broadened competence levels of 100 lay healthcare workers in delivering family planning health talks.
- Served on the National Technical Working Group for Reproductive Health and HIV Integration that developed the minimum package for Reproductive Health-HIV Integration in Kenya, and gained recognition for developing the M&E framework.
- Designed a four-prong approach to steer successful integration of reproductive health and HIV services, driving uptake of contraceptives in 12 integrated facilities.
- Scaled access to reproductive health by expanding integrated facilities from 45 to 113 post-study, and drove family planning uptake from 42% to 60% among HIV-infected women in the facilities.
- Authored/co-authored 10 publications and organized the first international conference on RH-HIV integration, attended by over 300 participants from 25 countries.
- Chaired the scientific committee and co-chaired the steering committee.
- Served as Small Grants and Research Manager, scaling access to family planning based on proposal review and funding for 5 sub-county reproductive health coordinators; monitored use of funds and coordinated donor reporting.

CONSULTANCY EXPERIENCE

UNICEF – Kisumu, Kenya

2023

Consultant

- Served as a Consultant on a project that involved integrating treatment of acute malnutrition and integrated community case management in Marsabit and Turkana Counties.

UNICEF – Kisumu, Kenya

2017 to 2018

Consultant

- Provided technical expertise to support integrated Community Case Management for Community Case Management of Pneumonia, a Pathway to Policy project.

World Health Organization (WHO) – Kisumu, Kenya

2017

Evaluation Consultant

- Conducted project evaluation on Improving access to Quality and Rights-based Family Planning Services in 10 Priority Counties.

World Health Organization (WHO) – Kisumu, Kenya
Consultant – WHO Temporary Advisor on DMPA**2017**

- Served as an Advisor on the Intramuscular and subcutaneous and NET-EN and HIV Acquisition project.

TEACHING EXPERIENCE

Maseno University – Maseno, Kenya**2013 to Present****Honorary Lecturer & Student Research Supervisor – Public Health**

- Teaching Epidemiology, Project Design, Research Conduct, Analysis and Writing to Master of Public Health students.
- Initiated a call for grants that enabled the students to pitch their research ideas within my projects.
- Trained and paired students with faculty supervisors and served as Faculty and Research Supervisor to nine students.

University of California San Francisco – CA, USA**2017 to 2018****Research Training Coordinator**

- Developed the training curriculum and an online platform to host the training program.
- Facilitated training sessions for 41 students at the Parnassus Campus and 82 students at the Mission Bay Campus.
- Taught Responsible Conduct of Research in line with the National Institute of Health and the National Science Foundation requirements.
- Facilitated case study discussions, marked and graded students' think piece essays.

University of California San Francisco – CA, USA**2018****Teaching Assistant – Grant Writing Training for Graduate and Postdoctoral Scholars**

- Served as Course Organizer, preparing slide lectures and taking part in teaching and evaluation of 40 to 90 students per session at the Mission Bay Campus.
- Developed curriculum, training topics, teaching materials, presentations, and resource materials.
- Marketed the course to students, enrolled students, and identified internal and external faculty to facilitate the course.
- Moderated panel discussions and conducted evaluations.

Ministry of Health – Elgeyo Marakwet, Kenya**2007 to 2008****Clinical Instructor/ Medical Officer – Kapsowar Mission Hospital**

- Facilitated training of four Medical Doctors on Paediatrics, Surgery and Obstetrics as part of a Samaritan's Purse-sponsored project that trained doctors to return to post-war South Sudan.

BOARD LEADERSHIP, MEMBERSHIPS & ADMINISTRATIVE APPOINTMENTS

Year – Present	Member – DNDI Board
2019 – Present	Member – Kenya Medical Association (KMA)
2012 – Present	Member – Kenya National Family Planning Technical Working Group (TWG)
2012 – Present	Member – Kenya National integrated Community Case Management Technical Working Group (TWG)
2012 – Present	Member – KEMRI Sexual Reproductive Adolescent and Child Health Program Committee
2012 – Present	Member – Kenya National Committee on Integration of Reproductive Health and HIV
2019 – 2021	Member – East African Medical Journal Editorial Board
2014	Member – Expert Panel on Guidelines for the Management of Children with Severe Pneumonia
2012	Chair – Scientific Committee Integration for Impact Conference
2011	Member – Family AIDS Care and Education Services PMTCT Taskforce
2011	WHO Consultant – Strengthening Capacity for the Identification of Priorities for Implementation Research to Scale up Newborn and Child Health Interventions to reduce Child Mortality in Kenya
2010	Member – Nyanza Provincial Reproductive Health Taskforce

HONORS & AWARDS

2022	Best Oral Presentation , 13 th KASH Conference
2022	KEMRI Top 20 Principal Investigators
2020	KEMRI Global Excellence Award
2020	KEMRI Institutional Excellence Award
2018 – 2019	Fletcher Jones Graduate Fellowship for Excellence in Research and Potential Future Contributions in Health Science
2017 – 2018	Rosenberg-Hill Graduate Research Fellowship for Outstanding PhD Students in Social and Population Sciences
2016	Top 120 Under 40 Global Leaders in Family Planning
2014	KEMRI “The Lenana” Silver Scientific Excellence Achievement Award for Emerging Scientists
2012	NIH Fogarty Global Health Fellowship
2011	Grant Writing Scholarship for Participation at the Enterprise OCTAVE Capacity Building Series: Grant Writing Course for African Young and Early Career Investigators in Cape Town, South Africa
2010	Meritorious Honor Award for Exemplary Performance in the FACES Program

- 2009 **Fogarty International Training Award** in HIV/AIDS
2005 **Christian Medical Fellowship** for Outstanding Service in the Kenyan Chapter

RESEARCH FUNDING

1. 2025-2027 : **Principal Investigator:** A Phase 3, Randomized, Active-controlled, Double-blind Clinical Study to Evaluate the Efficacy and Safety of Oral MK-8527 Once Monthly as HIV-1 Preexposure Prophylaxis in Cisgender Women"" (Gates INV 004743)
2. 2024-2029 : **Principal Investigator:** Assessing the effects of a multisectoral climate-smart agricultural intervention on the reproductive and sexual health of adolescent girls and young women
3. 2023 – 2025 : **Site Principal Investigator,** Phase III, randomized, observer-blind, placebo-controlled, multi-center, multinational study to evaluate the efficacy, immunogenicity, and safety of a Respiratory Syncytial Virus vaccine in infants and toddlers (PEARL):
4. 2023 – 2028: **Principal Investigator,** National Institute of Health Grant: Integration of a collaborative care model for perinatal mental health and HIV in Kenya (Tunawiri) Study:
5. 2023 – 2025 : **Principal Investigator,** Merck - Oral human papillomavirus prevalence, persistence, and risk-factors in HIV-positive and at-risk HIV-negative men and women in southwestern Kenya:
6. 2023 – 2025: **Principal Investigator,** National Institute of Health Adapting a lay health worker problem solving therapy intervention for at-risk pregnant/postpartum women with HIV in Kenya to promote treatment success:
7. 2022 – 2024: **Site Principal Investigator,** World Health Organization Solidarity Vaccine Trial: An international randomised trial of candidate vaccines against COVID-19:
8. 2021 – 2023 : **Principal Investigator,** New investigator Award/UW CFAR- Evaluation of a Digital Health Intervention (ConceptPrEP-on-demand) among adolescent girls and young women in Kisumu, Kenya; Study Staff: 4 in Kisumu (CMR)
9. 2021 – 2023: **Co-Principal Investigator,** SANOFI & COVPN Network: A parallel-group, Phase III, multi-stage, modified double-blind, multi-armed study to assess the efficacy, safety, and immunogenicity of two SARS-CoV-2 Adjuvanted Recombinant Protein Vaccines (monovalent and bivalent) for prevention against COVID-19 in adults 18 years of age and older;; Study Staff: 24 Kisumu (CMR)
10. 2018 – 2027 : **Co-Principal Investigator and Country Director,** The Bill and Melinda Gates Foundation Grant Single-dose HPV catch-up vaccination efficacy - A blinded, randomized study of single-dose HPV vaccination among adolescent girls and young women in Kenya, KEN SHE Study; Contract N°: 10530sc: . Study Staff: 42 in Kisumu (CMR), 24 in Thika (CCR), and 15 in Nairobi (CCR)

Completed:

11. 2021 – 2023: **Principal Investigator,** The Bill and Melinda Gates Foundation Grant; Evaluation of HPV burden among young women in Africa: a follow-on study to the ECHO;; Study Staff: 8 in Kisumu (CMR)

12. 2018 – 2021 : **Site Principal Investigator**, NIH/NICH/University of California San Francisco Grant; Shamba Maisha: Assessing the preliminary effects of a multisectoral agricultural intervention on the sexual and reproductive health of HIV-affected adolescent girls; Contract N°: 1R21HD080477-01, (Weiser, Onono);; Study Staff: 7
13. 2018 – 2020: **Site Principal Investigator**, NIF/ FHI 360 Grant; Changes in sexual behavior following initiation of effective contraceptives: randomized comparisons using biological and behavioral assessments and implications for post-randomized adjustments; 1R21, (Deese, Onono);; Study Staff: 2
14. 2017 – 2019 : **Co-Investigator and Research Manager**, NIH MOTIVATE 2: Assessing adherence among HIV positive pregnant and postpartum women on anti-retroviral therapy in Kenya: a sub study of the Mother and Infant Visit Adherence and Treatment Engagement (MOTIVATE) study; Contract N°: FY15.712.001, 5R01HD08477-04-REV (Turan, Abuogi);; Study Staff: 4
15. 2017 – 2018 : **Principal Investigator**, International Mentored Scientist Award/UCSF Research Awards Program: Understanding the impact of an income generating agricultural intervention on sexual behavior and psychological wellbeing of adolescent girls and young women living in a HIV-high urban setting in Western Kenya: a qualitative study;; Study Staff: 3
16. 2016 – 2021: **Site Principal Investigator**, NIH/NICHD Grant; Effects of hormonal contraceptives on genital immunity and HIV susceptibility; R01 HD089831 (Heffron);; Study Staff: 2
17. 2016 – 2018 : **Site Principal Investigator**, National Institute of Health Grant; Health consequences of water insecurity for HIV-infected mothers and their infants (SERU/CMR/P0015/3077); 1R21MH108444-01A1 (Young);; Study Staff: 9
18. 2014 – 2019 : **Co-Investigator and Research Manager**, NIH/NICHD/University of Colorado Denver Grant: Maximizing Adherence and Retention for Women and Infants in the Context of Option B+ (SSC N° 2803); Contract N°: FY15.712.001, 1R01HD080477-01 (Turan, Abuogi);; Study Staff: 43
19. 2014 – 2016 : **Site Co-Principal Investigator**, The Bill and Melinda Gates Foundation Grant; The Evidence for Contraceptives options and HIV Outcomes (ECHO) Trial: A Multi Center, Open-Label, Randomized Clinical Trial Comparing HIV Incidence and Contraceptive Benefits in Women using Depot Medroxyprogesterone Acetate (DMPA), Levonorgestrel (LNG) Implant, and Copper Intrauterine Devices (IUDs) (SCC N° 3109); Contract N°: KEMRI/SBA/102110/019/2016, OPP102110;; Study Staff: 35
20. 2014 – 2016: **Co-Principal Investigator**, The Bill and Melinda Gates Foundation Grant; Process Evaluation and Toolkit Development in Support of Family Planning Integration into HIV Care and Treatment in Kenya (SCC N° 1254); Grant N°: 8736SC;; Study Staff: 7
21. 2014 – 2015: **Principal Investigator**, UNICEF Grant; Accelerating community based maternal, neonatal, and child health interventions, Homa Bay County, Kenya; PCA Ref N°: KCO/KEMRI/HEALTH/2013UNICEF;; Study Staff: 28; supervised 2250 CHWs
22. 2013 – 2017 : **Site Principal Investigator**, National Institute of Mental Health Grant; PITH MOROMO: Health Consequences of Food and Nutrition Insecurity for HIV+ Women and their Infants, Nyanza, Kenya; Contract N°: 1K01 MH098902-01, K01 MH098902(Young);; Study Staff: 9
23. 2014 – 2015: **Co-Principal Investigator**, The Bill and Melinda Gates Foundation Grant; Measurement Learning and Evaluation: Kenya Urban Reproductive Health Initiative Service Delivery Point Survey (Endline);; Study Staff: 102

24. 2013 – 2017: **Principal Investigator**, National Institute of Mental Health Grant; PIDH MOROMO: Health Consequences of Food and Nutrition Insecurity for HIV+ Women and their Infants, Nyanza, Kenya; (SCC N° 2821); Grant N°: 1K01 MH098902-01;; Study Staff: 9
25. 2013 – 2015: **Principal Investigator**, WHO Grant; integrated Community Case Management in Homa Bay County, Nyanza Province, Kenya; PCA Ref: KCO/KEMRI/HEALTH/2013UNICEF;; Study Staff: 28 staff; supervised 2250 Community Health Workers (CHWs)
26. 2013 – 2014: **Principal Investigator**, UNICEF Grant; Mobile phone-enhanced integrated Community Case Management of Pneumonia, Malaria, and Diarrhea in Children under 5 years in Homa Bay County, Kenya (SCC N 2424); PCA Ref: KCO/KEMRI/HEALTH/2013UNICEF;; Study Staff: 28
27. 2012 – 2014: **Site Co-Investigator**, Women’s Health and Empowerment Center of Expertise Grant; Empowering Women in Kenya through Male Involvement in Family Planning: Suggested Strategies and Potential Consequences (SCC N0 2338);; Study Staff: 2
28. 2012 – 2013 : **Site Principal Investigator**, Global HIV Vaccine Enterprise Grant; The role of HIV/AIDS in PMTCT failure;; Study Staff: 6
29. 2012 – 2013: **Site Principal Investigator**, NIH/UC Global Health Institute Grant; Forgyat Global Health Fellow - Training Program in HIV/AIDS (Turan, PI); Study Staff: 1

Pending (in the pipeline):

30. **Protocol Title:** A Phase 3 Randomized, Double-blind, Multicenter Study to Evaluate the Efficacy and Immunogenicity of 9vHPV Vaccine Administered as a Single Dose Compared With a Standard 3-dose Regimen in Healthy Males 16 to 26 Years of Age
31. **Protocol Title:** A Phase 3 Randomized, Double-blind, Multicenter Study to Evaluate the Efficacy and Immunogenicity of 9vHPV Vaccine Administered as a Single Dose Compared With a Standard 3-dose Regimen in Healthy Females 16 to 26 Years of Age

PEER-REVIEWED PUBLICATIONS

1. Sudoi, R., Nyaberi, J. ., Otieno, G. ., & **Onono, M.** (2024). Can SMS reminders improve utilization of malaria prevention strategies among pregnant women in Busia County? *Global Journal of Social Sciences Studies*, 10(2), 104–114. <https://doi.org/10.55284/gjss.v10i2.1279>
2. Sudoi, R. ., **Onono, M.** ., & Nyaberi, J. . (2025). Knowledge, attitudes, and practices regarding use of malaria prevention measures among pregnant women in Busia County, Kenya. *American Journal of Social Sciences and Humanities*, 10(1), 16–29. <https://doi.org/10.55284/ajssh.v10i1.1269>
3. **Onono MA**, Sheira L, Frongilio EA, et al. Effect of improving food security on parenting practices and caregiver–adolescent relationships: qualitative findings of an income-generating agricultural intervention in rural Kenya. *BJPsych Open*. 26 dec 2024;11(1):e10. doi:10.1192/bjo.2024.802

4. Happel AU, Budiawan E, **Onono M**, Innes S, Palanee-Phillips T, Heuvel J, Rakiep A, Kellow-Webb S, Ongere J, Wakhungu I, Mkhize Z, Kapa LD, Sigcu N, Dabee S, Nair G, Scoville C, Mugo NR, Williamson AL, Passmore JS, Jaspán HB, Heffron R. Natural History of High-Risk Human Papillomavirus in Kenyan and South African Women: Implications for Vaccination Campaigns and Cervical Cancer Screening Programs. *Open Forum Infect Dis*. 2024 Nov 22;11(12):ofae690. doi: 10.1093/ofid/ofae690. eCollection 2024 Dec. PMID: 39660028
5. Umutesi G, Weiner BJ, Oluoch L, Bukusi E, **Onono M**, Njoroge B, Mecca L, Ngure K, Mugo NR, Barnabas RV. Acceptability of single-dose HPV vaccination schedule among health-care professionals in Kenya: a mixed-methods study. *J Natl Cancer Inst Monogr*. 2024 Nov 1;2024(67):358-370. doi: 10.1093/jncimonographs/lgae031. PMID: 39529524
6. Harrington EK, Hauber B, Ouma DC, Kimanthi S, Dollah A, Onono M, Bukusi EA. Priorities for contraceptive method and service delivery attributes among adolescent girls and young women in Kenya: a qualitative study. *Front Reprod Health*. 2024 May 7;6:1360390. doi: 10.3389/frph.2024.1360390. eCollection 2024. PMID: 38774834
7. Hofmeyr GJ, Singata-Madliki M, Batting J, Steyn P, Thomas KK, Issema R, Beesham I, Mbatsane E, Morrison C, Deese J, Smit J, Philip N, Palanee-Phillips T, Reddy K, Onono M, Mastro TD, Baeten JM; Evidence for Contraceptive Options and HIV Outcomes (ECHO) Trial Consortium. Sexual behaviour among women using intramuscular depot medroxyprogesterone acetate, a copper intrauterine device, or a levonorgestrel implant for contraception: Data from the ECHO randomized trial. *PLoS One*. 2024 May 9;19(5):e0299802. doi: 10.1371/journal.pone.0299802. eCollection 2024. PMID: 38722832
8. Zia Y, Upadhyay U, Rhew I, Kimanthi S, Congo O, **Onono M**, Barnabas R, Mugo N, Bukusi EA, Harrington EK. Confirmatory Factor Analysis and Validation of the Sexual and Reproductive Empowerment Scale for Adolescents and Young Adults in Kenya. *Stud Fam Plann*. 2024 Apr 11. doi: 10.1111/sifp.12263. Epub ahead of print. PMID: 38604945.
9. Baisley K, Kemp TJ, Mugo NR, Whitworth H, **Onono MA**, Njoroge B, Indangasi J, Bukusi EA, Prabhu PR, Mutani P, Galloway DA, Mwanzalime D, Kapiga S, Lacey CJ, Hayes RJ, Changalucha J, Pinto LA, Barnabas RV, Watson-Jones D. Comparing one dose of HPV vaccine in girls aged 9-14 years in Tanzania (DoRIS) with one dose in young women aged 15-20 years in Kenya (KEN SHE): an immunobridging analysis of randomised controlled trials. *Lancet Glob Health*. 2024 Mar;12(3):e491-e499. doi: 10.1016/S2214-109X(23)00586-7. PMID: 38365419; PMCID: PMC10882205.
10. Harrington EK, Congo O, Kimanthi S, Dollah A, **Onono M**, Mugo N, Barnabas RV, Bukusi EA, Upadhyay UD. Adaptation of the sexual and reproductive empowerment scale for adolescents and young adults in Kenya. *PLOS Glob Public Health*. 2023 Oct 26;3(10):e0001978. doi: 10.1371/journal.pgph.0001978. eCollection 2023. PMID: 37883373
11. **Onono MA**, Frongillo EA, Sheira LA, Odhiambo G, Wekesa P, Conroy AA, Cohen CR, Bukusi EA, Weiser SD. Links between Household-Level Income-Generating Agricultural Intervention and the Psychological Well-Being of Adolescent Girls in Human Immunodeficiency Virus-Affected Households in Southwestern Kenya: A Qualitative Inquiry. *J Nutr*. 2023 Dec;153(12):3595-3603. doi: 10.1016/j.tjnut.2023.10.008. Epub 2023 Oct 18. PMID: 37863268; PMCID: PMC10739770.

12. Barnabas RV, Brown ER, **Onono MA**, Bukusi EA, Njoroge B, Winer RL, Galloway DA, Pinder LF, Donnell D, N Wakhungu I, Biwott C, Kimanathi S, Heller KB, Kanjilal DG, Pacella D, Morrison S, A Rechkina E, L Cherne S, Schaafsma TT, McClelland RS, Celum C, Baeten JM, Mugo NR; KEN SHE Study Team. Durability of single-dose HPV vaccination in young Kenyan women: randomized controlled trial 3-year results. *Nat Med*. 2023 Dec;29(12):3224-3232. doi: 10.1038/s41591-023-02658-0. Epub 2023 Dec 4. PMID: 38049621; PMCID: PMC10719107.
13. Kimanathi S, **Onono M**, Otieno G, Barnabas RV, Njoroge B, Congo O, Biwott C, Mugo N, Harrington EK. Prevalence and correlates of condom use at last sexual intercourse pre- and post-COVID-19 lockdown among adolescent girls and young women in central and western Kenya. *Afr J Reprod Health*. 2023 Jun;27(6):70-76. doi: 10.29063/ajrh2023/v27i6.8. PMID: 37715676.
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WHITE PAPER & NATIONAL DOCUMENTS

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| 2016 | Ministry of Health: Integrating RH and HIV Care and Treatment Services: A Toolkit for Service Providers (Link) |
| 2014 | Ministry of Health: A National Framework and Plan of Action for Implementation of integrated Community Case Management (iCCM) in Kenya (Link) |
| 2014 | Ministry of Health: integrated Community Case Management (iCCM) 2013 – 2018) Monitoring and Evaluation Plan (Link) |
| 2012 | Republic of Kenya: Minimum Package for Service Provision of RH-HIV Integration in Kenya (Link) |
| 2011 | Kenya Urban Reproductive Health Service Delivery Report: Report of the 2011 Baseline Service Delivery Point Survey for Tupange, the Kenya Urban Reproductive Health Initiative launched on April 4 2012 in Nairobi, Kenya (Link) |

NATIONAL & INTERNATIONAL COLLABORATIONS AND PARTNERSHIPS

Research Collaborations:

- Ministry of Health Kenya, Maseno University, World Health Organization (WHO), UNICEF, National Institutes of Health (NIH), The Bill & Melinda Gates Foundation, FHI 360, University of California San Francisco, University of Colorado Denver, Cornell University, University of Washington, Northwestern University, and University of Alabama Birmingham.

Partnerships:

- Lead on the National Reproductive Health-HIV Integration toolkit.
- Reactivated the RH-HIV Technical Working Group that provided guidance on RH-HIV integration activities.
- Mobilized 25 RH-HIV stakeholders to participate and sustain membership for a year.
- Ensured representation of all 47 counties during the RH-HIV toolkit launch and collaborated with NASCOP to secure funding to support travel for county representatives.

Devolved Government Engagements:

- County Governments of Kisumu, Migori, Siaya, Homa Bay, Taita Taveta, Kwale, Kilifi, Marsabit, West Pokot and Vihiga.

GRADUATE STUDENT SUPERVISION

2024	Dismus Ouma Congo – University of Washington, Department of Global Health; Faculty MPH Supervisor/Primary Mentor , “Cross-sectional evaluation of depressive symptoms, sexual risk behavior and PrEP adherence among adolescent girls and young women in Western Kenya”.
2024	Raymond Sudoj JKUAT- KEMRI Graduate school, Faculty PhD Supervisor/Primary Mentor ; “community case management of malaria in Busia, Kenya”.
2023	Nicole Tanchu- JKUAT- KEMRI Graduate school, Faculty MSc Supervisor/ Primary Mentor ; “Use of First Void Urine and Validation of Loop-Mediated Isothermal”.
2022	Lucy Anne Waweru JKUAT- KEMRI Graduate school, Faculty PhD Supervisor/ Primary Mentor ; “Barriers and facilitators to mental health and well-being among correctional officers in Kenya”.
2019	Christine Awuor- Maseno University School of Public Health and Community Development, Faculty Supervisor/Primary Mentor , “Assessment of CHW performance and motivation: A mixed methods approach in Homa Bay County”.
2019	Joel Machuki - Maseno University School of Public Health and Community Development, Faculty Supervisor/Primary Mentor , “A comparative study of patient level cost of treating child Pneumonia at home versus in the health facility in Suba Sub-County”. Paper Published with PLOS ONE.
2019	Lilian Apondi - Maseno University School of Public Health and Community Development, Faculty Supervisor/Primary Mentor , “The impact of multiple prescription medicines for Malaria, Diarrhea, and Pneumonia on adherence in children in Ndhiwa District”. Best Poster Presentation.
2018	Linet Angwa - Maseno University School of Public Health and Community Development, Faculty Supervisor/Primary Mentor , “Determining the most appropriate formulation of oral antibiotics in under 5s in North Rachuonyo Sub-County”.

- 2018 Brian Shaw - University of California San Francisco School of Medicine, **Research Supervisor**, "Access, Acceptability and Utilization of iCCM Services for Case Management of Pneumonia and Diarrhea in Homa Bay County". Paper published.
- 2018 Cyrilus Ogolla - Maseno University School of Public Health and Community Development, **Supervisor**, "Self- Reported STI Symptoms compared to Clinician's Syndromic Management among HIV-infected Women receiving Care in Kisumu, Kenya"; Mentee received a 2-week scholarship from Emerging Voices for Global Health.
- 2018 Eliud Akama - Great Lakes University, **Mentor/Supervisor**, "Impact of a Male-centered Rapid Results Initiative approach on PMTCT Services". Best Oral Presentation with paper accepted for publication in 2018.
- 2018 Pauline Wekesa - Maseno University School of Public Health and Community Development, **Supervisor**, "Impact of Parental Physical and Mental Health on Adolescent Sexual Reproductive Health Outcomes and Resilience".

COMMUNITY ENGAGEMENTS

Volunteer – Nafisika Trust

Present

- Prison entrepreneurship initiative that seeks to reduce recidivism in Kenyan prisons.

Volunteer – Amazing Girls Mentorship Network

2015 to Present

- Mentorship of teenagers transitioning from high school to college.

Board Member & Member, Kisumu Chapter – International Christian Medical Practitioners and Dentists Association

2013 to 2015

- Spiritual and career mentorship for young doctors entering internship.