

18/01/24

**AGENDA FOR ANNUAL REVIEW MEETING 2024
UNIVERSITY OF NAIROBI STD/HIV/SRH COLLABORATIVE
RESEARCH GROUP
SERENA HOTEL, NAIROBI**

Monday, January 22, 2024

7:30 – 9:00 Registration

9:00 - 9:40 **Opening Ceremonies**
Chair: Marianne Mureithi

- Greetings from UNITID and the Dept. of Medical Microbiology – Julius Oyugi, Marianne Mureithi
- Greetings from the Collaborative Group – Keith Fowke, Univ. Manitoba / Grace John-Stewart, Univ. Washington.
- Greetings from the Faculty of Health Sciences, Univ. Nairobi – Prof. Osanjo George Oyamo, Dean
- Greetings from Univ. Manitoba – Mario Pinto – Vice-President, Research, International
- Greetings from Univ. Washington – Hilary Godwin, Dean, School of Public Health
- Greetings from Univ. Nairobi – Prof. Margaret Hutchinson, DVC Research
- Official opening - Prof. Stephen Kiama, Vice-Chancellor, Univ. Nairobi

Session I: Review of HIV in Kenya and Globally

Co-Chairs: Marianne Mureithi, Julius Oyugi

9:40 – 10:00 HIV in Kenya 2023 – Ruth Laibon Masha, CEO, National Syndemic Diseases Control Council (NSDCC formerly NACC)

10:00 – 10:20 Global progress towards the 2030 targets – Amos Kibisu, Strategic Information Officer, UNAIDS Kenya Country Office

10:20 - 10:30 Discussion

10:30 – 11:00 TEA/ COFFEE

Session II: HIV Testing

Co-Chairs: Carey Farquhar, Maureen Akolo

11:00 – 11:15 Uptake of clinic-based HIV treatment and prevention services following HIV testing at and referral from private pharmacies in Kenya – Lawrence Juma - KEMRI, Univ. Washington, JHPIEGO, JKUAT

11:15 - 11:30 A social network-based intervention increases HIV self-testing and linkage to health facilities among fishermen in Kenya – Zachary Kwena – UCSF, KEMRI, IRDO, Duke Univ., Univ. Pennsylvania

11:30 – 11:45 Training socially-connected fishermen in Western Kenya to distribute HIV self-test kits and health facility referral voucher – Joseph Okore - IRDO, UCSF, KEMRI

- 11:45 - 12:00 “There is no need to leave the beach to test”: A qualitative study of HIV self-testing knowledge, acceptability, and willingness to distribute HIVST kits among fishermen in western Kenya – Phoebe Olugo – IRDO, UCSF, KEMRI
- 12:00 - 12:15 Assessment of the HIV Enhanced Access Testing in the Emergency Department (HEATED) program in Nairobi: A quasi-experimental prospective study – Adam Aluisio – Brown Univ., KNH, KEMRI, Médecins sans Frontières, Univ. Washington, Univ. Nairobi
- 12:15 - 12:30 HIV outcomes among partners reached by phone vs. in-person for Assisted Partner Services in Kenya – Unmesh Roy Paladhi - Univ. Washington, PATH Kenya, Kenya MoH, KNH, KEMRI
- 12:30 - 12:45 Continuous quality improvement, triple R approach to scale up case identification through social network strategy at Arombe Dispensary, Migori County - Loret Otieno – Kenya MoH
- 12:45 - 1:00 Scaling up HIV identification and prevention through Social Network Strategy status neutral approach in Suna, West Migori – Beatrice Yugi – Kenya MoH

1:00 – 2:30 Poster Session

1:00 – 2:00 Lunch

Session III: Pre-Exposure Prophylaxis (PrEP)

Co-Chairs: Scott McClelland, Nelly Mugo

- 2:00 - 2:15 HIV PrEP continuation among clients formerly engaged in PrEP services at private pharmacies participating in a pilot study in Kenya - Peris Otieno – KEMRI, Univ. Washington, JHPIEGO, PHRD
- 2:15 - 2:30 Understanding the cost of pharmacy-delivered HIV pre- and post-exposure prophylaxis services in Kenya: findings from a pilot study – Sharon Chebet – JHPIEGO, UCSF, KEMRI
- 2:30 - 2:45 Impact of a stakeholder selected implementation strategy package – fast tracking, provider re-training, and co-location – on PrEP implementation for pregnant women in antenatal care clinics in western Kenya – Felix Otieno – KNH, Univ. Washington
- 2:45 - 3:00 A stakeholder-selected implementation strategy package improves PrEP implementation for women seeking maternal and child health services in Western Kenya – Salphine Watoyi – Univ. Washington
- 3:00 - 3:15 Pharmacy- based PrEP delivery in Kenya: Findings from a pilot extension – Tabitha Kareithi - PHRD, Univ. Washington, KEMRI, Gilead Sciences, JHPIEGO, JKUAT
- 3:15 - 3:30 Anticipated preferences for long-acting HIV PrEP among current oral PrEP users at pharmacies: Findings from a pilot study extension – Catherine Kiptiness – PHRD, Univ. Washington, KEMRI, JHPIEGO, JKUAT
- 3:30 - 3:45 Incentivized peer referral to increase reach of pharmacy-delivered PrEP and PEP services: Findings from a pilot study extension – Njeri Wairimu - PHRD, Univ. Washington, KEMRI, Gilead Sciences, JHPIEGO, JKUAT
- 3:45 - 4:00 **TEA/COFFEE**

- 4:00 - 4:15 OW5-Comparing PrEP adherence via objective and self-reported measures among fishermen working on Lake Victoria in Kenya – Daniel Okello Adede – IRDO, UCSF, Univ. Pennsylvania, KEMRI
- 4:15 - 4:30 Factors affecting PrEP discontinuation among adolescent girls and young women accessing PrEP through a peer-delivered model in Kisumu – Lawrence Juma - KEMRI
- 4:30 - 4:45 Adverse childhood experiences are associated with high HIV acquisition risk and low PrEP uptake among pregnant and postpartum women in Kenya – Mary Marwa - KNH, Univ. Washington, Univ. Nairobi
- 4:45 - 5:00 High interest for long-acting injectable PrEP among pregnant women taking daily oral PrEP in Kisumu – Eunita Akim – Univ. Washington
- 5:00 - 5:15 HIV treatment and prevention baseline data from FP HIV SCALE study in Mombasa County – Martha Oguna – Univ. Washington, Univ. Nairobi

6:00 – 9:00 Reception – Serena Hotel, all participants invited

Tuesday, January 23, 2024

Session IV: Immunology and Basic Science

Co-Chairs: Keith Fowke, Omu Anzala

- 8:30 - 8:45 Non-*Lactobacillus* dominant vaginal flora is associated with decreased cervicovaginal cytokine receptor expression – Ruth Mwatelah – Univ. Manitoba, CAPRISA, ICRH, Pwani Univ., PHAC, Univ. Toronto, Univ. Nairobi
- 8:45 - 9:00 Assessing cervical immune cells before and after treatment of bacterial vaginosis - Salwa Omar – Univ. Washington, Univ. Nairobi
- 9:00 - 9:15 Vaginal microbiota linked to HIV acquisition risk are not associated with changes in concentrations of cervical dendritic cells and CD4+ T cells – Michelle Sabo – Univ. Washington, Univ. Nairobi
- 9:15 - 9:30 Unique expression of genes influencing transendothelial leukocyte migration in HIV-1 resistant women in the Pumwani sex worker cohort – Ma Luo – Univ. Manitoba, PHAC, KEMRI, Univ. Nairobi
- 9:30 - 9:45 Evaluation of the kinetics of systemic distribution of I.V. injected monoclonal antibodies of various subclass in the rhesus macaque model – Ann Carias - Northwestern Univ., Tulane Primate Research Centre
- 9:45 - 10:00 Intraperitoneal delivery of IL2-IL2mAb (JES6-1) conjugate induces regulatory T cells in the female genital tract of FoxP3-GFP BL/6 mice – Faisal Nuhu - Univ. Manitoba, CAPRISA
- 10:00 - 10:10 Inducing immune quiescence using oral acetylsalicylic acid among female sex workers: overview and update of the IIQ Study – Kenneth Omolo – Univ. Manitoba, PHDA, Univ. Nairobi
- 10:10 - 10:20 Correlation between pre-HIV $4\beta 7^{\text{hi}}$ CD4+ T cells and HIV acquisition and progression in African heterosexual individuals: A multi-cohort study – Tosin Omole – Univ. Manitoba, Univ. Washington, KEMRI, Makerere Univ., CAPRISA, PHAC, Univ. KwaZulu Natal, Univ. Nairobi

10:20 - 10:35 Assessment of target cell population densities in high progesterone states as a potential mechanism for increased HIV acquisition risk – Claudia Stroupe - Northwestern Univ.

10:35 - 11:00 TEA/COFFEE

Session V: Key Populations I

Co-Chairs: McKenna Eastment, Pascal Macharia

11:00 - 11:15 Cost of integrating peer-mediated assisted partner services among people who inject drugs in Nairobi and Coastal regions of Kenya. – Sarah Masyuko – Univ. Washington, Univ. Nairobi, KNH

11:15 - 11:30 The Shauriana Project: A community participatory approach to integrating PrEP, sexual health, and mental health services for GBMSM in Kenya – Susan Graham – Univ. Washington, Univ. Michigan; Nyanza Reproductive Health Society, Maseno Univ.

11:30 - 11:45 Developing a screening tool to reach men who have sex with men living with undiagnosed HIV in Kenya - Ruth Mwatelah – Univ. Manitoba, Univ. Toronto, PHDA, Unity Health Toronto, Men Against AIDS Youth Group Kisumu, Mamboleo Peer Empowerment Group Kiambu, HIV and AIDS People's Alliance of Kenya Mombasa, G10 Research Advisory Committee, Nairobi, India Health Action Trust

11:45 - 12:00 Integrated HIV/STI research among young gay, bisexual and other men who have sex with men in Kenya: leveraging scarce resources – Samuel Mwaniki – Univ. Nairobi

12:00 - 12:15 Associations of hair cortisol levels with violence, poor mental health, and harmful alcohol and other substance use among female sex workers in Nairobi – Rhoda Kabuti - LSHTM, Western Univ., PHDA, Univ. Toronto, Univ. Manitoba

12:15 - 12:30 Water, sanitation and hygiene at sex work venues to support menstrual needs – Frederick Otieno – Nyanza Reproductive Health Society, Univ. Illinois Chicago

12:30 - 12:45 Breaking Barriers: empowering young transgenders in Kenya through TIKO – a technology for safe and inclusive sexual reproductive health and rights: case study of the ICRHK- Tiko project – Simon Mwangi – ICRH, Triggerise-Kenya

12:45 - 1:00 Drug Use & HIV Risk among LGBTQI in Kisumu: How should AIDS prevention programmes respond - Hillary Oneya – Picture Youth Group Kisumu

1:00 – 2:30 Poster Session

1:00 – 2:00 Lunch

Session VI : PMTCT and HIV in Children

Co-Chairs: Grace John-Stewart, Ruth Nduati

2:00 - 2:15 Higher prevalence of stunting among HIV-exposed compared to unexposed children and youth – Marion Agiza – KNH, Univ. Washington, Univ. Nairobi

2:15 - 2:30 Similar one year mortality among HIV-exposed uninfected and HIV-unexposed children in Kenya – Maureen King'e – KNH, Univ. Washington, Univ. Nairobi

- 2:30 - 2:45 Poorer gross and fine motor domain scores among HIV-exposed compared to unexposed uninfected children – Maureen King’ e – KNH, Univ. Washington, Univ. Nairobi
- 2:45 - 3:00 The Linda Kizazi Study: A comparison of morbidity and mortality from birth to two years between HIV-unexposed children and children born to women on ART in pregnancy - Ednah Ojee – Univ. Washington, Univ. Nairobi, Arizona State Univ., Université de Montréal, KNH
- 3:00 - 3:15 No association between in-utero PrEP exposure and bone mineral density at 36 months of age among mother-infant pairs in Kenya – Rita Nawire – Univ. Washington, KNH, Univ. Nairobi
- 3:15 - 3:30 Prenatal PrEP exposure and child neurodevelopment at 48 months – Felix Abuna – Univ. Washington, KNH, Univ. Nairobi
- 3:30 – 3:45 TEA/COFFEE**
- 3:45 - 4:00 Adverse social events in a trial on an intervention for PMTCT and Family Health in southwestern Kenya - Moses Ayanyi – UCSF, KEMRI
- 4:00 - 4:15 Timing and causes of death among Kenyan neonates in the Mobile WACH Neo Study – Esther Ogeno – Univ. Washington, KNH
- 4:15 - 4:30 Early onset hearing loss outcomes in infants exposed to HIV and antiretroviral therapy in utero – Sarah Ndegwa – Univ. Washington, KNH, Univ. Nairobi
- 4:30 - 4:45 Evaluating prototypes of oral dissolvable strips for paediatric ART: A qualitative study – Katherine Wexler – Univ. Kansas
- 4:45 – 5:00 Discussion

POSTERS - MONDAY – WEDNESDAY 11am

Implementation of national surveillance of HIV drug resistance among PrEP seroconverters in Kenya – Everline Bosek – Univ. Washington, MOSAIC, Univ. Pittsburgh, Kenya MoH, KEMRI

Correlates for adherence among female sex workers on HIV pre-exposure prophylaxis in Nairobi County - Edith Amahwa – PHDA, Univ. Manitoba, Univ. Nairobi

Clinical performance of the Xpert® HIV-1 Qual XC test for HIV early infant diagnosis testing using whole blood and dried blood spots – Valarie Opollo - KEMRI

Comparable prevalence of autism spectrum disorder and attention deficit hyperactivity disorder among HIV-exposed uninfected and unexposed children aged 3-9 years – Rhoda Oricho – Univ. Washington, KNH, Univ. Nairobi

Feasibility of implementing multiple couple home visits with fidelity: Findings from Home-Based Couples Intervention Trial in Kisumu and Migori Counties - Moses Ayanyi - KEMRI, Univ. Alabama, Univ. Michigan, Univ. N. Carolina

Building resilience and preparedness of HIV health service providers for pregnant/postpartum women in southwestern Kenya amid service disruption: The REACH Study (REsilience Amid Challenges in Healthcare) - Moses Ayanyi – KEMRI, Univ. Alabama, Univ. Michigan, Univ. N. Carolina

Knowledge and system gaps in childhood hearing screening among caregivers and health providers in Kenya – Irene Maeri, Christine Kundu – Univ. Washington, KNH, Univ. Nairobi

The effectiveness of point of care HIV viral load monitoring in improving viral load suppression among children and adolescents living with HIV in East Africa; A systematic review – Francis Angira - KEMRI, Univ. Amsterdam,

“Seducing” fishermen to test for HIV: A qualitative study of social network-central promoter experiences with encouraging social network members to test for HIV – Phoebe Olugo – UCSF, KEMRI

Understanding women’s experiences using pregnancy self-tests in Western Kenya: A qualitative analysis – Judith Nyakina – Univ. Washington, KNH

The WHO prequalification evaluation laboratory journey- Case of KEMRI HIV research Kisumu. – Frederick Oloo – KEMRI

The Domino Effect: The anticipated impact of the establishment of a data governance framework in improving health research practices - Sylvia Muisyo – KeHIA

Knowledge and experience of telemedicine use among people living with HIV in western Kenya - Felix Ochieng - KEMRI, UCSF, Indiana Univ.

Integrating telemedicine into routine HIV services: client and healthcare providers’ perceptions, benefits and limitations - Frankie Odhiambo - KEMRI, UCSF, Indiana Univ.

Comparison of depression screenings by clinic nurses and research nurses among adolescents and young adults living with HIV in western Kenya - Jacinta Badia – IRDO, Univ. Washington

Understanding contraceptive use among adolescent girls and young women in a peer-supported, community-based PrEP delivery model in Kisumu – Melvin Kiche - KEMRI

HIV immunometabolism: Development of novel therapeutic targets - Matrona Akiso – Univ. Nairobi, KAVI, Univ. KwaZulu Natal, Univ. Minnesota, Univ. Medical Center Hamburg-Eppendorf, Heinrich Pette Inst, Leibniz Inst for Experimental Virology, Hamburg

Biodistribution and pharmacokinetics of broadly neutralising antibody ePGDM1400v9 in African Green Monkeys - Teresia Muhomah – Univ. Nairobi, KAVI, Northwestern Univ., Inst. of Primate Research, IAVI

Wednesday January 24, 2024

Session VII: Reproductive Health I

Co-Chairs: Marleen Temmerman, Elizabeth Bukusi

- 8:30 - 8:45 Minimum service package for the integration of female genital schistosomiasis in sexual and reproductive health and rights interventions – Leora Pillay - Brown Univ., Frontline AIDS, LVCT Health
- 8:45 - 9:00 A prospective cohort study examining the association between the periconceptual vaginal microbiota and first trimester miscarriage in Kenyan women. – Lucy Adala – Univ. Washington, KNH, Univ. Nairobi
- 9:00 - 9:15 Case-cohort study of the association between the periconceptual vaginal microbiota, and spontaneous preterm and early term birth in Kenyan women – Brenda Oyaró – Univ. Washington, KNH, Coast General Teaching and Referral Hospital Mombasa, Univ. Nairobi
- 9:15 - 9:30 HIV risk factors and PrEP and contraceptive use among women seeking post-abortion care in Kenya – Lavender June – KEMRI, PHRD, Univ. Nairobi
- 9:30 - 9:45 Association between vaginal washing and Group B *Streptococcus* colonisation from periconception through early-first trimester in a cohort of Kenyan women - Jisuvei Solano – Univ. Washington, KNH, Univ. Nairobi
- 9:45 - 10:00 Prospective cohort study of the association between vaginal washing and miscarriage – Bokoro Rimba – Univ. Washington, Univ. Nairobi
- 10:00 - 10:15 Would African women be willing to use self-administered, intravaginal therapies for HPV or cervical precancer treatment? A mixed methods study from Kenya – Chemtai Mungo – Univ. N. Carolina, KEMRI
- 10:15 - 10:30 Feasibility of self-administered intravaginal 5-Fluorouracil (5-FU) cream as adjuvant therapy following cervical intraepithelial neoplasia Grade 2 and 3 (CIN2/3) treatment in HIV-positive women in LMICS: a pilot Study - Chemtai Mungo – Univ. N. Carolina, KEMRI

10:30 - 11:00 COFFEE/TEA

Session VIII: Adolescents and Young People

Co-Chairs: Stephen Moses, John Kinuthia

- 11:00 - 11:15 Characterisation of teenage pregnancies among SGBV survivors in Nyahururu County Referral Hospital – Geoffrey Mwangi – Laikipia Health Services, Nyahururu Sub-County Hospital
- 11:15 - 11:30 A user-centred approach to designing a social media app fostering interaction and awareness on HIV, intimate partner violence, substance use, mental, sexual and nutritional health among adolescents and young people in a resource-limited setting – Paul Macharia - Yale Univ., KNH, Stanford Univ., KEMRI, Univ. Nairobi
- 11:30 - 11:45 Why waiver of caregiver permission matters in health research with adolescents: lessons from a study with adolescents living with HIV in western Kenya. – James Kibugi – IRDO, Univ. Washington

- 11:45 - 12:00 High prevalence of adverse childhood experiences in adolescents and young adults with HIV in Kenya – Norton Sang – KEMRI, UCSF, Univ. Washington, Washington Univ. in St. Louis, Univ. Colorado
- 12:00 - 12:15 Reproductive experiences among adolescent and young women in Mombasa: Results from the Mombasa Youth Study - Jonathan Odingo – Univ. Oslo, Médecins Sans Frontières, Mombasa County Dept. of Health, KEMRI, ICRH, Univ. New South Wales
- 12:15 - 12:30 “You are the tutor, you are the counsellor, you are the school nurse, you are everything”: School staff challenges and solutions to improve outcomes for youth living with HIV - Irene Njuguna – Univ. Washington, KNH, Univ. Nairobi
- 12:30 - 12:45 Evaluating change in sexual behaviours and characteristics among adolescent girls and young women receiving peer-delivered PrEP and other sexual health services in Kisumu – Lavine Ochieng - KEMRI
- 12:45 - 1:00 “Whenever I help her, I am also expecting her vagina in return”: Men and adolescent girls perceived impacts of the COVID-19 pandemic on the sexual behaviour and health of adolescent girls in western Kenya - Garazi Zulaika - Liverpool School of Tropical Medicine, Nyanza Reproductive Health Society
- 1:00 – 2:30 Poster Session**
- 1:00 – 2:00 Lunch**

Session IX: Treatment and Care

Co-Chairs: Lyle McKinnon, Walter Jaoko

- 2:00 - 2:15 The SMART-DAPPER Project: A randomized trial of non-specialist, primary care-integrated psychotherapy or psychopharmacological treatment of major depression and post-traumatic stress disorder in Kisumu – Muthoni Mathai, Univ. Nairobi, UCSF, KEMRI
- 2:15 - 2:30 Patient experiences and perceptions with conditional cash incentives for HIV care engagement including effects after cessation – Everlyne Nyadieka - UCSF, Washington Univ. in St. Louis, Univ. N. Carolina, KEMRI, Univ. California Berkeley, Univ. Pennsylvania
- 2:30 - 2:45 Using social network-based interventions to promote HIV prevention and treatment among fishermen in western Kenya – Zachary Kwena – UCSF, KEMRI, IRDO, Univ. Pennsylvania
- 2:45 - 3:00 Adaptation and pilot testing of a discrete choice experiment to elicit preferences for long-acting antiretroviral therapies among people living with HIV in Kenya - Catherine Maina – Univ. Washington, KNH
- 3:00 - 3:15 Examining and classifying reasons for missing viral load measurements among adults living with HIV: An extended outcome investigation and ascertainment approach in Western Kenya – Dorothy I. Mangale – KEMRI, UCSF, Washington Univ. in St. Louis, Univ. Colorado, Univ. Washington, Univ. California Berkeley, Univ. N. Carolina
- 3:15 - 3:30 Longitudinal assessment of water security and micronutrient intakes among HIV+ patients enrolled in a multisectoral, agricultural intervention, Shamba Maisha - Pablo Torres-Aguilar - KEMRI, UCSF, Univ. S. Carolina, Univ. California Davis, Univ. Pennsylvania, Univ. Washington-Bothell, Univ. Connecticut

- 3:30 - 3:45 Effectiveness of enhanced adherence counselling as an intervention for helping achieve individual viral suppression among viraemic key populations in SWOP Majengo, Nairobi. – Samuel Onyango – PHDA, Univ. Manitoba, Univ. Nairobi
- 3:45 - 4:00 Factors associated with virologic non-suppression among children and adolescents living with HIV in Kenya – Patrick Mburugu – JKUAT, Palladium Development

4:00 – 4:15 TEA/COFFEE

PARALLEL SESSIONS

Session X : The Microbiome

Chair: Serah Gitome

- 4:15 - 4:30 The Mucosal Microbiome: An important yet subtle player in barrier function. - Thomas Hope - Northwestern Univ.
- 4:30 – 4:45 Overview of disease vector microbiome research - Damaris Matoke - KEMRI.
- 4:45 – 5:15 Panel discussion

Session XI: The South-South Learning Network

Chair: Parinita Bhattacharjee

- 4:00 – 4:20 Strengthening capability and effectiveness of country HIV prevention programmes through shared learning: The SSLN approach - Missie Oindo, SSLN Regional Lead-East Africa
- 4:20 – 4:40 Assessing and prioritising national HIV prevention programme implementation actions through PSAT - Wendy Adamba, SSLN Country Engagement Lead-Kenya
- 4:40 – 5:00 Country champions reflections on participating in the SSLN - Kenya Country Champion Representative
- 5:00 – 5:30 Kenya’s progress in the SSLN and its contribution to the Kenya HIV Prevention Acceleration Plan/Roadmap. - Celestine Mugambi, Head of Technical Support, NSDCC; Elvis Oyugi, Head of Prevention, NASCOP

Thursday January 25, 2024

Session XII : Sexually Transmitted Infections

Co-Chairs: Craig Cohen, Frederick Otieno

- 8:30 - 8:45 Sexually transmitted infection testing using wet and dry self-collected samples among women in Mombasa – Emmanuel Kabare – Univ. Washington, Coast General Hospital
- 8:45 - 9:00 A phase 4 study of a 3-day vs. 7-day regimen of doxycycline for the treatment of chlamydia infection – Brenda Misiko – Univ. Washington, Univ. Nairobi

- 9:00 - 9:15 Chlamydia and Gonorrhoea infections in young adult HIV negative MSM who report sex with men exclusively and with men and women, Kenya, 2019-2022 – Eduard Sanders – The Aurum Institute, Nyanza Reproductive Health Society, KEMRI-Wellcome Trust, Univ. Lund, Univ. Amsterdam, Univ. Oxford, Univ. Washington, Migori CHMT COAG-Tukicheki Program
- 9:15 - 9:30 WHO-recommended periodic presumptive treatment versus doxycycline post-exposure prophylaxis for STI control among cisgender men who have sex with men in Kenya – Susan Graham - Univ. Washington, PHDA, Nyanza Reproductive Health Society, The Aurum Institute
- 9:30 - 9:45 Systematic review of the prevalence and burden of *Mycoplasma genitalium* antibiotic resistance across the world - Tahera Mohamedali - Aga Khan Univ.
- 9:45 - 10:00 Can self-sample collection increase uptake of HPV testing among HIV and key populations? Findings from a pilot program in Kenya – Valerian Mwenda – Min. Health, Clinton Health Access Initiative
- 10:00 - 10:15 TIBA Study: Implementation of a single visit screen and treat approach with thermal ablation - Lynda Oluoch – KEMRI, PHRD, Univ. Washington, Harvard Univ., Univ. Cincinnati, JKUAT
- 10:15 - 10:30 Enhancing cervical cancer screening and treatment through health care worker training: Lessons Learned - Lynda Oluoch - KEMRI, PHRD, Univ. Washington, Harvard Univ., Univ. Cincinnati, JKUAT
- 10:30 - 11:00 TEA/COFFEE**
- 11:00 - 11:15 Barriers and facilitators to the introduction of doxycycline post-exposure prophylaxis into Kenyan HIV PrEP Programs for the prevention of bacterial sexually transmitted infections – Felix Mogaka – KEMRI, Univ. Washington
- 11:15 - 11:25 High-risk HPV incidence and persistence in Kenyan adolescents: the Kenya Girls Study – Loise Joseph – Univ. Washington, KEMRI, Univ. Nairobi
- 11:25 - 11:35 Prevalence of sexually transmitted infections among young women receiving peer-delivered PrEP and other sexual health services in Kisumu - Vincent Momanyi – KEMRI, UCSF
- 11:35 - 11:45 The acceptability of pharmacy-based HPV vaccination in Western Kenya among pharmacy clients and providers - Claris Awuor - KEMRI, Univ. Washington, JKUAT

Session XIII: Key Populations II – the Maisha Fiti Study

Chair: Joshua Kimani

- 11:45 - 11:53 Introduction and brief overview of the study - Joshua Kimani - PHDA, Univ. Manitoba
- 11:53 - 12:05 Be Your Sister's Keeper (film)
- 12:05 - 12:15 Violence, mental health, alcohol/substance use and genital inflammation - James Pollock – Univ. Toronto
- 12:15 - 12:25 Recent forced sex, genital inflammation and epithelial integrity - James Pollock – Univ. Toronto

- 12:25 - 12:35 Using a point-of-care urine test to assess PrEP use among female sex workers - Mary Kungu'u – PHDA
- 12:35 – 12:45 Motherhood experiences during COVID-19 - Emily Nyariki – PHDA
- 12:45 - 12:55 Genital immune correlates of prevalent and incident HSV-2 infection - Rupert Kaul – Univ. Toronto
- 12:55 – 1:00 Wrap up and close – Joshua Kimani, Rhoda Kabuti, Mary Kungu'u - PHDA

1:00 – 2:30 Poster Session

1:00 – 2:00 Lunch

Session XIV : Technology and Telemedicine

Chair: Tony Kariri, Gloria Gakii

- 2:00 - 2:15 Perspectives of patients and healthcare providers on requirements for initiating and sustaining telemedicine as a model of service delivery for persons with HIV – Zachary Kwena – KEMRI, UCSF, Indiana Univ.
- 2:15 - 2:30 Advancing HIV Care: accessing antiretroviral medicines in a telemedicine model - Sarah Obatsa - KEMRI, UCSF, Indiana Univ.
- 2:30 - 2:45 Implementing a national unique patient identification system among HIV-positive female sex workers in Kilifi – David Muchri – ICRH, MoH
- 2:45 - 3:00 Digitally-facilitated access to self-care and health services in low and middle-income countries: Findings from formative research – Felix Okoth – KEMRI, Univ. Washington, HSRC South Africa, Akros Zambia, CIDRZ Zambia, Audere USA
- 3:00 - 3:15 Studying the use of social media among key populations in Mombasa: Implications for health promotion and engagement – Jonathan Odingo – Univ. Oslo, Médecins Sans Frontières, Mombasa County Dept of Health, KEMRI, ICRH, Univ. New South Wales
- 3:15 - 3:30 User-informed tailoring of electronic and in-person peer navigation strategies to improve retention in HIV care for adolescents and young adults: a qualitative inquiry - Zachary Kwena – KEMRI, UCSF, Indiana Univ.
- 3:30 - 3:45 Safe Clinic Network Health Application for hard-to-reach key populations in Nairobi – Joyce Adhiambo – PHDA, Univ. Manitoba, Univ. Nairobi
- 3:45 – 4:00 COFFEE/TEA**

Session XV: Zoonoses and other infectious diseases

Co-Chairs: Julie Lajoie, Rupert Kaul

- 4:00 - 4:15 Comparative distribution of *Staphylococcus aureus* nasal carriage in diabetic and non-diabetic Kenyan populations - Zubair Munshi – Aga Khan Univ., Univ. Nairobi
- 4:15 - 4:30 Monkeypox Virus Surveillance in Endemic and Non-Endemic Regions of East Africa at a One Health Animal-Human Interface – Christina Frederick – Univ. Manitoba, Univ. Nairobi

- 4:30 - 4:45 Monkeypox surveillance in GBMSM, sex workers and people living with HIV in Kenya – Candaca Lemaille - Univ. Manitoba, Univ. Nairobi
- 4:45 - 5:00 Dabrafenib impairs respiratory syncytial virus infection of respiratory epithelial cells – Barbara Porto – Univ. Manitoba
- 5:00 - 5:15 A Phase 3, randomized, double-blind, placebo-controlled, multicenter, clinical trial to assess the prophylactic efficacy, safety, and immunogenicity of the investigational M72/AS01E-4 Mycobacterium tuberculosis (Mtb) vaccine when administered intramuscularly - Jackson Nyandoro – Univ. Washington, Univ. Nairobi
- 5:15 - 5:30 Mortality during treatment for tuberculosis; a review of surveillance data and diagnostic outcomes among patients on TB treatment in Alego Usonga, Siaya County – Philip Opere, Ngima for Sure Siaya

Friday January 26, 2024

Session XVI: Capacity Building, Systems and Training

Chair: Larry Gelmon

- 8:30 - 8:45 "Are we there yet?" Assessing the Human Resource for Health (HRH) status progress to self-reliance's following the launch of universal healthcare coverage (UHC) towards supporting sustainable HIV/TB services at primary health care facilities in Siaya – Dan Muchi – Univ. North Carolina
- 8:45 - 9:00 Equitable Global Health Partnerships Initiative – Elisabeth Bukusi – UCSF, KEMRI
- 9:00 - 10:00 Panel on Training Programmes and Opportunities
 - Carey Farquhar, Craig Cohen, Keith Fowke, John Kinuthia, Marleen Temmerman, Elisabeth Bukusi, Alfred Osoi, Dalton Wamalwa, Ruth Nduati

Session XVII: Reproductive Health II

Co-Chairs: Carol Camlin, Kenneth Ngunjiri

- 10:00 - 10:15 Health outcomes and mothers' perspectives on receiving postnatal home visits in Linda Kizazi Study – Edna Ojee – Univ. Washington, KNH, Université de Montréal, Univ. Nairobi
- 10:15 - 10:30 Preferences and acceptability for long-acting HIV prevention products during pregnancy and lactation in Kenya: A qualitative analysis – Vallery Ogello – KEMRI, PHRD, JKUAT
- 10:30 - 11:00 TEA/COFFEE**
- 11:00 - 11:20 Women's perspectives on offering HIV and STI prevention services for pregnant women at clinics and community pharmacies in Kenya - Ben Odhiambo – Univ. Washington, KNH, Univ. Nairobi
- 11:20 - 11:35 Linkage to perinatal mental health services among Kenyan women attending MCH and PMTCT – Anna Larsen – Univ. Washington, KNH, New York Univ., Univ. Nairobi

- 11:35 - 11:50 “When you are being counselled, they offload the thoughts that are stressing your mind”: Barriers and facilitators to utilizing mental health support among postpartum Kenyan women attending MCH or PMTCT – Winnie Atieno - Univ. Washington, KNH, New York Univ., Univ. Nairobi
- 11:50 - 12:05 “You just feel like your head is full, you don’t even know what to do”: Formative research to understand experiences with perinatal mental disorders among Kenyan women at risk for and living with HIV - Hellen Moraa - Univ. Washington, KNH, New York Univ., Univ. Nairobi
- 12:05 - 12:20 “When a man is stressed, it replicates in the house”: Exploring the influence of male partners on postpartum mental health among Kenyan women at risk for and living with HIV - Joan Mutahi - Univ. Washington, KNH, New York Univ., Univ. Nairobi
- 12:20 - 12:35 Co-designing postpartum mental health services using a human-centered approach with Kenyan women at risk for and living with HIV – Mary Marwa - Univ. Washington, KNH, New York Univ., Univ. Nairobi
- 12:35 - 12:50 Key considerations for mobile messages to support reproductive life planning among women living with HIV in Kenya – Celestine Atieno – KNH, Univ. Washington, Brown Univ.
- 12:50 - 1:05 Developing a person-centered scale to measure fertility intentions for reproductive health counselling among women and adolescents in Kenya – Aparna Seth - Univ. Washington, KNH, Brown Univ.
- 1:00 – 2:30 Poster Session**
- 1:05 – 2:00 Lunch**

Session XVIII: Epidemiology

Co-Chairs: Thomas Hope, Rose Bosire

- 2:00 - 2:15 High mortality among fishermen along the beaches of Lake Victoria: Case reports from a study to promote HIV testing and services uptake in Siaya County, Kenya – Bernard Ayieko – IRDO, UCSF, Univ. Pennsylvania, KEMRI
- 2:15 - 2:30 Perceptions of noncommunicable diseases and obesity among people living with HIV in a referral hospital in Kenya – Emily Kamau – KNH, Emory Univ.
- 2:30 - 2:45 Hazardous alcohol use associated with higher risk sexual risk behaviour among fishermen in a high HIV prevalence area of Kenya – Zachary Kwena – UCSF, IRDO, Univ. Pennsylvania, KEMRI
- 2:45 - 3:00 Application of a social vulnerability index and its associations with physical frailty and disability in a cross-sectional study of older Kenyan women living with and without HIV – Harrison Githaiga – Univ. Washington, Univ. Nairobi
- 3:00 - 3:15 Meaningful participant involvement in clinical research: An outline of community engagement in the Inducing Immune Quiescence Study – Ann Mahero – PHDA, Univ. Manitoba, Univ. Nairobi
- 3:15 - 3:30 Comparison of self-reported Smokylzer readings versus self-reported smoking status among PLHIVS who use tobacco in Kisumu County, results from an integrated study - Raphael Onyango – KEMRI, NACADA, UCSF

3:30 - 3:45 **TEA/COFFEE**

Session XIX: Program Science and COVID-19

Co-Chairs: Peter Arimi, Missie Oindo

- 3:45 - 4:00 Intro and overview of Program Science and the Effective Program Coverage Framework for optimising HIV/STBBI programming – Leigh McClarty – Univ. Manitoba
- 4:00 - 4:15 Novel methods for operationalising the Effective Program Coverage Framework: Overview of ePBS method and results from its implementation in Nairobi - Antony Karimi Kinyua – PHDA, Univ. Manitoba
- 4:15 - 4:30 HIV self-testing during the COVID-19 pandemic: adapting program in the context of “big events” – Minas Migot, Souradet Shaw – Univ. Manitoba
- 4:30 - 4:45 Uptake of COVID-19 vaccine among persons living with HIV on antiretroviral therapy, Siaya County, Kenya. – Philip Opere - Siaya County Ministry of Health, CDC
- 4:45 - 5:00 SARS-CoV-2 infection among Persons who inject drugs and their sexual and injecting partners in Kenya – Shradha Doshi – Univ. Washington, KEMRI, SAPTA, Univ. Nairobi, KNH
- 5:00 - 5:15 Challenges faced by community health volunteers in offering sexual and reproductive health care services to women during the COVID-19 pandemic in Kenya – Cynthia Wangamati – The Aurum Institute

POSTERS – WEDNESDAY MIDDAY - FRIDAY

Verification of use of dried blood spot (DBS) for SARS-CoV-2 antibody testing on InBios SCoV-2 Detect™ IgG assay – Victor Sewe - KEMRI

Challenges and coping mechanisms clinical trials adopted during the COVID-19 period – Moses Ayany – KEMRI

HIV risk profile of injury patients with hazardous alcohol use - Ogechukwu Offorjebe – Brown Univ, KNH, KEMRI, Univ. Washington, Univ. Nairobi

Sociodemographic characteristics of persons living with HIV who use tobacco in Kisumu County: Results from Tobacco Cessation Integrated Study – Raphael Onyango - KEMRI

Enhancing recruitment and retention strategies in the Immune Inducing Quiescence Clinical trial: a mixed method approach - Tabitha Kimotho – PHDA, Univ. Manitoba, Univ. Nairobi

Three magic bullets for early intervention to improve appointment keeping, retention, and viral load suppression of adults living with HIV in SWOP Majengo, Nairobi – Onesmus Munywoki, PHDA, Univ. Manitoba, Univ. Nairobi

U=U messaging and viral suppression among key populations: A case study of ICRHK Kisauni Drop-in Center – Dorah Kobags - ICRH

HIV status and viral suppression among women aged 40 and over in Mombasa – Esther Mutunga – Univ. Washington, Univ. Nairobi

Couples' Reproductive Decisions (CoRD) study design: A couples-based intervention to improve engagement in reproductive health services for mobile fisherfolk in western Kenya - Phoebe Olugo – IRDO, UCSF, Univ. Colorado, Univ. Michigan

Evaluation of implementation of screening for postpartum depression in selected health facilities in Nairobi City and Mombasa Counties – Anne Pulei - Univ. Washington, KNH, Univ. Nairobi, APHRC,

Experts' perspectives on the proposed strategy to engage community pharmacies in antenatal care and HIV prevention continuum – Mary Marwa – Univ. Washington, KNH, Univ. Nairobi

Evaluating a stepped care model to address perinatal mood and anxiety disorders integrated into maternal child health services in Kenya – Agnes Karume – Univ. Washington, KNH, KEMRI

Assessment of daily acetylsalicylic acid intake on commensal vaginal bacteria and yeast – Ann Adhiambo – PHDA, JKUAT, Univ. Manitoba, Univ. Nairobi

Expanding STI testing to private pharmacies in Kenya: pharmacy provider perceptions of acceptability, feasibility, and costs – Rhon Onyando – KEMRI, Univ. Washington, JHPIEGO, JKUAT

Health outcomes and mothers' perspectives on receiving post-natal home visits in Linda Kizazi Study – Ednah Ojee – Univ. Washington, KNH, Université de Montréal, Univ. Nairobi

Relationship between mental health and unmet need for contraception and method type among women living with HIV in Kenya – Agnes Karume – KNH, Univ. Washington, Brown Univ.

Enabling Adherence to Treatment (EAT): A pilot study of a combination intervention including modified directly observed therapy to improve HIV treatment outcomes among street-connected individuals in western Kenya – Reuben Kiptui – AMPATH, Univ. Toronto, Brown Univ., Moi Univ.

Determinants of implementation of a stepped care intervention to improve retention in care for adolescents and youth living with HIV in Kenya – Nok Chhun - Univ. Washington, IRDO