

20/01/2023

AGENDA FOR ANNUAL REVIEW MEETING 2023
UNIVERSITY OF NAIROBI STD/HIV/SRH COLLABORATIVE
RESEARCH GROUP
SERENA HOTEL, NAIROBI

Monday, January 23, 2023

7:30 – 9:00 Registration

9:00-9:30 **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
- Official opening - Prof. Margaret Jesang Hutchinson, Associate Vice-Chancellor, Research, Innovation and Enterprise, Univ. Nairobi

Session I: Review of HIV in Kenya and Globally

Chairs: Marianne Mureithi

9:30 – 9:50 HIV in Kenya 2022 – Ruth Laibon, CEO, National Syndemic Diseases Control Council (NSDCC formerly NACC)

9:50 – 10:15 The Global AIDS Strategy and Kenya – Focus on Inequalities – Medhin Tshaiu, Country Director, UNAIDS.

10:15-10:30 Discussion

10:30 – 11:00 TEA/ COFFEE

Session II: COVID-19

Co-Chairs: Julius Oyugi, Keith Fowke

11:00–11:15 Impact of the COVID-19 pandemic on obstetrical care at a large public hospital in Mombasa, Kenya: an interrupted time-series analysis and qualitative interviews with staff - Jackson Nyandoro, Univ. Washington, Univ. Nairobi

11:15–11:30 COVID-19 vaccine hesitancy among pregnant and postpartum women enrolled in a PrEP study in Western Kenya – Mary Marwa, Univ. Washington, KNH

11:30–11:45 HIV and SARS-CoV-2 infection in postpartum Kenyan women and their infants -Ednah Ojee, Univ. Washington, Univ. Nairobi

11:45–12:00 SARS-COV-2 antibody prevalence and correlates among persons who inject drugs living with and without HIV and their partners in Kenya - Hanley Kingston, Univ. Washington, KNH, Kenya MoH

- 12:00–12:10 Human B cell responses to SARS-COV-2 infection and vaccination in blood and lymphoid organs – Scott Boyd, Stanford Univ.
- 12:10-12:20 Plasma TILRR protein, risk of HIV seroconversion and severe COVID-19 disease - Ma Luo, Univ. Manitoba
- 12:20-12:30 Suitability of dried blood spot samples for measuring SARS-CoV-2 antibodies - Hannah Itell, Univ. Washington
- 12:30-12:40 SARS-CoV-2 exposure and clinical outcome in pregnant women in Uganda – Katharina Röltgen, Swiss Tropical and Public Health Inst.
- 12:40-12:50 Unique antibody responses in mothers and infants upon SARS-CoV-2 infection - Caitlin Stoddard, Univ. Washington, Univ. Montreal, Univ. Nairobi, KNH
- 12:50–1:00 Implementation of the Sanofi Phase 3 COVID-19 Vaccine Trial in Mombasa – Kenya; Festus Rao, Univ. Washington, Univ. Nairobi

1:00 – 2:30 Poster Session

1:00 – 2:00 Lunch

Session III: Pre-Exposure Prophylaxis (PrEP)

Co-Chairs: Scott McClelland, Nelly Mugo

- 2:00-2:10 Preferences for Pre-exposure Prophylaxis (PrEP) Delivery through an Online Pharmacy Retailer in Kenya: A Discrete Choice Experiment - Nicholas Thuo, PHRD, Univ. Washington, JKUAT, LSHTM
- 2:10-2:20 Peer PrEP Referral + HIV Self-Test Delivery Among Young Kenyan Women: A Pilot Study - Njeri Wairimu, PHRD, Univ. Washington, JKUAT, Heidelberg Univ.
- 2:20-2:30 Designing a novel PrEP initiation model for Kenyan AGYW: the Nominal Group Technique - Njeri Wairimu, PHRD, Univ. Washington, JKUAT, Heidelberg Univ.
- 2:30-2:40 Risk-based vs. universal PrEP delivery during pregnancy: a cluster randomized trial – John Kinuthia, Univ. Washington, Univ. Nairobi, KNH
- 2:40-2:50 HIV risk perception and PrEP use among Kenyan women during and after pregnancy – Mary Marwa, Univ. Washington, Univ. Nairobi, KNH
- 2:50-3:00 Assessment of HIV infections, drug resistance and treatment outcomes among seroconverters on PrEP in Kenya – Everline Bosek, Univ. Washington, KEMRI
- 3:00-3:10 Pharmacy delivery or daily oral HIV PrEP in Kenya - Kenneth Ngure, JKUAT, PHDA, KEMRI, Univ. Washington, Kenya MoH
- 3:10-3:20 High acceptability of STI testing and EPT among pregnant Kenyan women initiating PrEP – Eunita Hakim, Univ. Washington, Univ. Nairobi, KNH
- 3:20-3:30 PrEP persistence beyond 24 months among Kenyan women who initiated PrEP perinatally – Ben Ochieng, Univ. Washington, Univ. Nairobi, KNH

- 3:30-3:50 TEA/COFFEE**
- 3:50-4:00 Association of prenatal PrEP exposure with neurodevelopmental and growth outcomes beyond 24 months among Kenyan children – John Kinuthia, Univ. Washington, Univ. Nairobi, KNH
- 4:00-4:10 Randomised trial of patient actor training to improve PrEP services for AGYW in Kenya – Pam Kohler, Univ. Washington, Univ. Nairobi
- 4:10-4:20 Co-factors of HIV self-testing and PrEP acceptance among Kenyan pregnant women with high HIV risk – Nancy Ngumbau, Univ. Washington, Univ. Nairobi, KNH
- 4:20-4:30 The fidelity of a pharmacy-based PrEP delivery model in Kenya, as assessed by pharmacy clients and standardized client actors - Victor Omollo, CMR, KEMRI
- 4:30-4:40 Perceptions of pharmacy-delivered injectable PrEP among pharmacy providers in Kenya - Greshon Orocha, CMR, KEMRI, Univ. Washington, JHPIEGO
- 4:40-4:50 Online HIV prophylaxis delivery: protocol for the ePrEP Kenya pilot study - Catherine Kiptinness, PHRD, Univ. Washington, JKUAT
- 4:50-5:00 Limited experience with HIV pre-exposure prophylaxis (PrEP) among fishermen in western Kenya: A qualitative analysis - Phoebe Olugo, IRDO, UCSF, UCLA, KEMRI,
- 5:00-5:10 Pre-Exposure Prophylaxis – A case of increasing STI incidence and HIV seroconversion among clients on PrEP in Kenya - Jafred Mwangi, PHDA, Univ. Manitoba
- 5:10-5:20 Correlates of pre-exposure prophylaxis (PrEP) interest among men who have sex with men and transgender women in a multi-center HIV prevention study in sub-Saharan Africa (2015 -2017) – Joseph Orinda, KEMRI, Columbia Univ.
- 5:20-5:30 URCHOICE: Preferences for Pre-Exposure Prophylaxis (PrEP) Options for HIV Prevention Among Kenyan men who have sex with men and Transgender Women in Nairobi, Kisumu and the Coast - Rhoda Kabuti, PHDA, LSHTM, Univ. Manitoba, Univ. Nairobi
- 5:30-5:40 “PrEP My Way”: A Novel PrEP Delivery System to Meet the Needs of Young African Women - Kevin Oware (Kamolloh), CMR, KEMRI
- 6:00 – 9:00 Reception – Serena Hotel, all participants invited**

Tuesday, January 24

Session IV: Treatment and Care

Co-Chairs: Carey Farquhar, Michael Chung

- 8:30-8:40 Acceptability of Long-Acting Antiretrovirals for HIV Treatment in Kenya: Key Informant Interviews and Pilot Testing - Anne Kaggiah, KNH, Univ. Washington
- 8:40-8:50 Performance Evaluation of Visitect CD4 ADVANCED DISEASE RAPID TEST in HIV-Infected Individuals in Western Kenya - Boaz Oyaro, KEMRI
- 8:50-9:00 Improving HIV assisted partner services outcomes by eliciting additional partners after the initial encounter – George Otieno, KEMRI, Kenya MoH

- 9:00-9:10 Challenges, strengths, and perceptions of integrating interactive direct to client SMS communication into community health volunteer workflows in Western Kenya - Lincoln Pothan, Univ. Washington KNH, Brown Univ. Kenya MoH
- 9:10-9:20 Obesity the new epidemic among stable persons living with HIV - a cross-sectional situational analysis in western Kenya. Dan Muchi, Univ. N. Carolina
- 9:20-9:30 Estimating the unit cost of voluntary medical male circumcision using surgical and device methods in integrated health settings in Kenya - Rodgers Kongina, PHDA, Univ. Manitoba, Univ. Nairobi, CESR, Kenya MoH,
- 9:30-9:40 Drivers of participation in HIV clinical trials: an experience of KAVI-ICR Kangemi, Nairobi - Laura Lunani, Univ. Nairobi, KAVI, IAVI, UCSF, Stanford
- 9:40-9:50 Real world impact of implementing HIV Assisted Partner Services in 31 facilities in Kenya: Uptake and 12 month linkage to care outcomes - Edward Kariithi, Univ. Washington, PATH, Harvard Univ., KEMRI, MoH
- 9:50-10:00 Early initiation of anti-retroviral therapy restores some but not all perturbation of natural killer cells in early HIV-1 infected men who have sex with men - Matrona Akiso, Univ. Kwazulu-Natal, Univ. Nairobi

Session V: Sexually Transmitted Infection (STIs)

Co-Chairs: Supriya Mehta, Frederick Otieno

- 10:00-10:10 Understanding the effect of the vaginal microbiome on cervical immune cells - Michelle Sabo, Univ. Washington
- 10:10-10:20 Changes in vaginal bacteria and inflammatory mediators from periconception through early-postpartum in a cohort of HIV-negative Kenyan women - Clayton Salano, Univ. Washington, Univ. Nairobi
- 10:20-10:30 Assessment of Knowledge, Attitudes and Practices (KAP) Towards Hepatitis B Virus among Pregnant Women Attending Antenatal Clinic in Naivasha Sub-County Referral Hospital, Nakuru, Kenya - Geoffrey Ojunju, Naivasha Sub-County Referral Hospital
- 10:30-11:00 TEA/COFFEE**
- 11:00-11:10 Condom shortage and STI prevention and management among FSW in Nairobi - Anne Mahero, PHDA, Univ. Manitoba, Univ. Nairobi
- 11:10-11:20 Combined syndromic management and etiological testing as an accelerator of STI treatment among FSW at SWOP Majengo Clinic – Onesmus Muli, PHDA, Univ. Manitoba, Univ. Nairobi
- 11:20-11:30 Sexually transmitted infection knowledge levels, socio-demographic characteristics and sexual behaviour among men who have sex with men: results from a cross-sectional survey in Nairobi County - Delvin Nyasani, Univ. Nairobi, Kenyatta Univ., IAVI, UCSF
- 11:30-11:40 Characterising metabolites in the vaginal mucosa - Ruey Su, Univ. Manitoba

Session VI : Key Populations – Sex Workers

Co-Chairs: Tara Beattie, Marissa Becker

- 11:40-11:50 The Mombasa Cohort – A Long-term open cohort study of women engaged in sex work in Mombasa - Esther Mutunga – Univ. Washington, Univ. Nairobi
- 11:50-12:00 Childhood and adolescent factors associated with early age of entry into sex work: a mixed methods study of female sex workers in Nairobi, Kenya - Pooja Shah, LSHTM, PHDA, Univ. Toronto
- 12:00-12:10 Exploring the Mental Health Experiences and Perceived Social and Sexual Risks among Female Sex Workers in Nairobi, Kenya - Mamtuti Panneh, LSHTM, PHDA, Univ. Toronto,
- 12:10-12:20 Prevalence and correlates of common mental health problems and recent suicidal thoughts and behaviours among female sex workers in Nairobi - Alicja Beksinska, LSHTM, PHDA, Univ. Nairobi, Univ. Toronto
- 12:20-12:30 Longitudinal experiences and risk factors for common mental health problems and suicidal behaviours among female sex workers in Nairobi - Alicja Beksinska, LSHTM, PHDA, Univ. Nairobi, Univ. Toronto
- 12:30-12:40 Harmful Alcohol and Drug use is associated with syndemic risk factors among Sex Workers in Nairobi: a mixed-methods study - Alicja Beksinska, LSHTM, PHDA, Univ. Nairobi, Univ. Toronto
- 12:40-12:50 Saving for a rainy day: Piloting a savings intervention to reduce HIV risk among young female sex workers in Siaya County, Kenya – Lyne Nutt, IRDO, RHAY, Univ. Washington, KEMRI
- 12:50-1:00 Managing motherhood – the experiences of female sex workers in Nairobi, Kenya - Emily Nyariki, PHDA, Univ. Manitoba, Univ. Nairobi

1:00 – 2:30 Poster Session

1:00 – 2:00 Lunch

Session VII : Key Populations – People who inject drugs (PWUD)

Co-Chairs: James Blanchard, Parinita Bhattacharjee

- 2:00-2:10 HIV, HCV, and HBV prevalence and associated risk factors among people who inject drugs accessing harm-reduction services in Kenya - Matthew Akiyama, Montefiore Medical Centre, Albert Einstein School of Medicine, Kenya MoH
- 2:10-3:00 Assisted partner services for people who inject drugs to identify partners living with HIV and HCV (Univ. Washington, KNH, Kenya MoH, KEMRI)
- Overarching results - Aliza Monroe-Wise
 - A phylogenetic investigation of assisted-partner services recruitment among people who inject drugs (PWID) in Kenya – Hanley Kingston
 - Alcohol use among people who inject drugs living with HIV in Kenya is associated with needle-sharing, more sex partners, and poor engagement in care - Nicholas DesLauriers
 - Viral non-suppression and HIV drug resistance among PWIDs and their partners in Kenya – Hanley Kingston

- Prevalence and correlates of violence among partners of PWID living with HIV in Kenya - Betsy Sambai
- Hepatitis C treatment outcomes among people who inject drugs in Kenya – Carey Farquhar

Session VIII : Human Papilloma Virus (HPV) Seminar

Co-Chairs: Lyle McKinnon, Pascal Macharia

3:00 – 4:00 Correlates of HPV clearance in male and female sex workers in Nairobi

- Epidemiology of cervical cancer and HPV in sub-Saharan Africa and Kenya – Myo Minn Oo
- Prophylactic and therapeutic vaccination for HPV and study design – Lyle McKinnon
- Mobilisation, community engagement and recruitment – Rhoda Kabuti
- FSW study champion
- Mucosal sub-studies and HPV viral load data – Aloysious Ssemaganada
- Preliminary analysis of mucosal flow cytometry data – Belindah Kebil

4:00 – 4:15 TEA/COFFEE

4:15 – 5:15 Confronting homophobia in anal health: community-based program science and HPV among MSM in Nairobi

- HIV burden and HIV associations in MSM from HOYMAS/SWOP – Myo Minn Moo
- Project overview and the case for HPV vaccination of MSM – Rob Lorway, Liza Lazarus
- Expanding anal health care: plans for early detection and summary of surgeries to date – Sam Anyula, Sushena Reza Paul
- Community-led clinical services and the HOYMAS Recovery Centre – Pascal Macharia, John Mathenge
- HPV treatment trajectories and pain experiences – an ethnographic view – Maina Wambui, Matthew Thoman
- Tissue sampling plans – Lyle McKinnon

5:15-5:30 – Discussion

POSTERS MONDAY-TUESDAY

Comparison of nucleocapsid and spike antibody ELISAs for determining SARS CoV 2 seropositivity in Kenyan women and infants - Prestone Owiti – **Institution?**

Conducting violence and mental health research with vulnerable populations during the COVID-19 pandemic: ethical considerations, challenges, and lessons learned from the Maisha Fiti study in Nairobi - Mary Kung'u, PHDA, LSHTM, Univ. Toronto

"Impact of Differentiated Service Delivery on HIV Outcomes in Kisumu County, Kenya." Raphael Onyango, UCSF, KEMRI, CDC

Depression and anxiety: Impact of COVID-19 on HIV research staff working in southwestern Kenya - Everlyne Owengah, Univ. Alabama, Univ. N. Carolina, Univ. Michigan, KEMRI

Selecting implementation strategies to test to improve implementation of integrated PrEP for pregnant and postpartum populations in Kenya – Ben Ochieng, Univ. Washington, Univ. Nairobi, KNH

Implementation strategy package improves PrEP implementation for pregnant women in antenatal care clinics in western Kenya – Joseph Sila, Univ. Washington, Univ. Nairobi, KNH

Service readiness; assessment of integrated PrEP delivery during pregnancy – Felix Abuna, Univ. Washington, Univ. Nairobi, KNH

Longitudinal PrEP adherence among Kenyan women who initiated PrEP during pregnancy – Salphine Watoyi, Univ. Washington, Univ. Nairobi, KNH

A prospective analysis of PrEP adherence and depressive symptoms among Kenyan women who initiated PrEP during pregnancy and postpartum – Anna Larsen, Univ. Washington, Univ. Nairobi

PrEP levels strongly correlated in hair and DBS during pregnancy and post-partum – Pascal Omondi, Univ. Washington, Univ. Nairobi, KNH

Client preferences for HIV PrEP continuation at public clinics versus private pharmacies: a pilot in Kenya - Katrina Ortblad, Univ. Washington, PHRD, JKUAT

The acceptability of pharmacy-delivered PrEP in Kenya: provider and client perceptions - Magdaline Asewe KEMRI

Quantified prenatal PrEP exposure and perinatal outcomes among Kenyan women – Peter Okoth Owiti, Univ. Washington, Univ. Nairobi, KNH

HIV-associated and non-communicable diseases – mortalities among treatment-experienced people living with HIV in Coptic Hospitals in Kenya - Charles Kibaara, Coptic Hope Centre

The use of national unique personal identifiers to resolves patient duplication at Coptic Hope Center Hospital, Nairobi - Charles Kibaara, Coptic Hope Centre

Identifying potential disparities in access and delivery of SMS-based healthcare service (CHV-NEO) in Kenya using the ASPIRE framework – Millicent Masinde, Univ. Washington, KNH, Brown Univ. Kenya MoH

Are viral load results in client charts? An audit of facility EMRs (Electronic Medical Records) in Kiambu and Nakuru Counties – Alvin Onyango, Univ. Washington, KNH, Univ. Nairobi

Association between HIV-1 subtypes and drug resistance to first line therapy among individuals with advanced disease in Homa Bay County, Kenya - Nelson Nyakundi KEMRI, Maseno Univ., Medecins Sans Frontieres

Derivation and Internal Validation of a Risk Score for Predicting Chlamydia trachomatis Infection in Kenyan Women Planning Conception - Anne Pulei, Univ. Washington, KNH, Univ. Nairobi

The East Africa STI Laboratory: Development and Expansion of an STI Testing Service to support Regional Research - Emmanuel Kabare, Univ. Washington

Alcohol use and associated risk factors among female sex workers in low- and middle-income countries: A systematic review and meta-analysis - Alicja Beksinska, LSHTM, PHDA, Univ. Nairobi, Univ. Toronto

Beaten but not down! Exploring resilience among female sex workers (FSWs) in Nairobi - Rhoda Kabuti, PHDA, LSHTM, Univ. Manitoba, Univ. Nairobi

Regional trends in HIV transmission among people who inject drugs in Nairobi and coastal Kenya - Hanley Kingston, Univ. Washington, KEMRI, KNH, Univ. Kwazulu Natal, Stellenbosch Univ., Kenya MoH

Wednesday January 25

Session IX : Immunology and Basic Science

Co-Chairs: Thomas Hope, Omu Anzala

- 8:30-8:40 Africa-specific host genetic variation influences HIV viral load and evolution - Paul McLaren, Univ. Manitoba, National Microbiology Laboratories, Public Health Agency of Canada
- 8:40-8:50 Mediators of the antiviral response against HIV during early infection - Hannah Itell, Univ. Washington
- 8:50-9:00 Utilising PET/CT to study systemic therapeutic antibody distribution, dynamics and function - Thomas Hope, Northwestern Univ.
- 9:00-9:10 HIV prevention by reducing inflammation: aspirin, the HESN phenotype, T cells, and NK cells - Monika Kowatsch, Univ. Manitoba, PHDA, Univ. Nairobi
- 9:10-9:20 Downregulated epithelial junction proteins and structural disruption of the ectocervical epithelium in women with chronic HIV-infection - Mathias Franzén Boger, Karolinska Inst, Univ. Manitoba, Univ. Nairobi
- 9:20-9:30 Oral intake of Hydroxychloroquine Decreases Activation of CD8+ and Double negative Mucosal-Associated Invariant T (MAIT) cells Among HIV-negative Women of Reproductive Age in Nairobi - Lucy Mwangi PHDA, Univ. Manitoba, Univ. Nairobi
- 9:30-9:40 HIV drug resistance patterns and characteristics associated with major drug resistance among children with virologic failure on ART in Kenya: findings from the Opt4Kids randomized controlled trial – Patrick Owiti, LVCT Health
- 9:40-9:50 Improved HIV-infected infant survival is correlated with high levels of HIV-specific ADCC activity in multiple cohorts - Zak Yaffe, Univ. Washington, Monath Univ., Univ. Melbourne, KEMRI, KNH
- 9:50-10:00 Differential clearance among intact and defective HIV DNA sequences in the paediatric reservoir - Dara Lehman, Univ. Washington, N. Carolina State Univ., Univ. Nairobi
- 10:00-10:10 Contraception with DMPA elevates plasma Cortisol and Thyroid Hormones: implications for HIV susceptibility - Kenneth Omollo, Univ. Manitoba, McMaster Univ., Univ. Nairobi

Session X : PMTCT and HIV in Children

Co-Chairs: Grace John-Stewart, Ruth Nduati

- 10:10-10:20 The effect of interactive text messaging on neonatal mortality in Kenya: Mobile WACH NEO, a randomized controlled trial in progress - Brenda Wandika, Univ. Washington, KNH
- 10:20-10:30 Dynamics of HIV sequence diversity during paediatric infection provide an estimate of infection timing - Magdalena Russell, Univ. Washington, Univ. Nairobi
- 10:30-11:00 COFFEE/TEA**

- 11:00-11:10 Identifying HIV-exposed uninfected (HEU) children and adolescents in resource-limited settings: The HOPE study experience – Hellen Moraa, Univ. Nairobi, KNH, Univ. Washington
- 11:10-11:20 Comparable mental health outcomes in HIV exposed and unexposed children and adolescents in Kenya - Maureen King'e, Univ. Nairobi, KNH, Univ. Washington
- 11:20-11:30 Predictors of neurodevelopment among HIV-exposed uninfected infants - Maureen King'e, Univ. Nairobi, KNH, Univ. Washington
- 11:30-11:45 Predictors of intact HIV reservoir size among children in Kenya - Jillian Neary, Univ. Washington, KNH
- 11:45-12:00 Community Health Volunteers' Impact on the Quality of Maternal and Newborn Health in Kenya – Winnie Atieno, Univ. Washington KNH, Brown Univ. Kenya MoH
- 12:00-12:15 Protocol for the Evaluation of Integrated Community-based Digital Communication to Support Neonatal Health: rationale, design, and methods of the CHV-NEO study in Western Kenya – Violet Apondi, Univ. Washington, KNH, Brown Univ. Kenya MoH
- 12:15-12:30 The role of health system digitization to improve maternal and neonatal health outcomes: a qualitative analysis of the community health workforce and data flow in Western Kenya – Eunice Sijenje, Univ. Washington, KNH, Brown Univ. Kenya MoH
- 12:30-12:45 Study of an audit and feedback intervention to reduce fresh stillbirth at a level five hospital in Mombasa, Kenya (The FSB Study) - Dickson Okello, Univ. Washington, Univ. Nairobi
- 12:45-1:00 Predictors of sustained viral suppression among children living with HIV in Kenya: Secondary analysis of data from a randomized control study - Patrick Owiti, LVCT Health
- 1:00 – 2:30 Poster Session**
- 1:00 – 2:00 Lunch**

Session XI : Adolescents and Young People

Co-Chairs: Craig Cohen, Maureen Akolo

- 2:00-2:10 Data-informed stepped care to improve youth engagement in HIV care in Kenya: a protocol for a cluster randomised trial of a health service intervention – Kawango Agot, IRDO, Univ. Washington, Univ. Nairobi
- 2:10-2:20 HIV stigma is associated with depressive symptoms, non-adherence and viral non-suppression in youth with HIV - Cyrus Mugo, KNH, Univ. Nairobi, Univ. Washington, IRDO
- 2:20-2:30 Individual-, interpersonal- and institutional-level factors associated with HIV stigma among youth in Kenya - Cyrus Mugo, KNH, Univ. Nairobi, Univ. Washington, IRDO
- 2:30-2:40 Reach and uptake of a peer navigator program linking street-connected youth and young adults in western Kenya to HIV testing and treatment - Reuben Kiptui, AMPATH, Univ. Toronto, Univ. Western Ontario, Moi Univ.
- 2:40-2:50 Prevalence and correlates of violence among adolescents living with HIV in Kenya – Jacinta Badia, Univ. Washington, Univ. Nairobi

- 2:50-3:00 Consenting dynamics and adolescent engagement in HIV-related research: A qualitative study - Mary Kirk, Univ. Washington, Univ. Nairobi
- 3:00-3:10 “[T]he laws need to change to reflect current society”: Insights from stakeholders involved in development, review, or implementation of policies about adolescent consent for HIV testing, care, and research in Kenya - Mary Kirk, Univ. Washington, Univ. Nairobi
- 3:10-3:20 Adolescent and young adult preferences for financial incentives to support adherence to antiretroviral therapy in Kenya: a mixed methods study - Evelyn Nyadieka, KEMRI, Washington Univ., UCSF, Univ. Colorado
- 3:20-3:30 Prevalence and factors associated with depression among adolescents living with HIV in Western Kenya - Edwin Nyagesoe, KEMRI, Washington Univ., UCSF, Univ. Colorado
- 3:30 – 3:45 TEA/COFFEE**
- 3:45-4:00 A human-centered design approach to adapting patient retention interventions for adolescents and young adults living with HIV in western Kenya - Norton Sang, KEMRI, Washington Univ., UCSF, Univ. Colorado
- 4:00-4:10 “It encourages you, and also gives you strength:” Evaluation of an Adolescent Transition Package that improves transition readiness among youth living with HIV in Kenya – Hellen Moraa, Univ. Washington, KNH, Univ. Nairobi
- 4:10-4:20 Influences on healthcare worker acceptability and feasibility of an Adolescent Transition Package in Kenya – Caren Mburu, Univ. Washington, KNH, Univ. Nairobi
- 4:20-4:30 “They say that we are young and we are taught about adult things”: The DREAMS experience from the perspective of adolescent girls and young women in Nairobi - Elizabeth Kemigisha Genesis Analytics, LSHTM, APHRC
- 4:30-4:40 Sexual Behaviour Among Kenyan Adolescents Enrolled in an Efficacy Trial of a Smartphone Game to Prevent HIV: A Cross-Sectional Analysis of Baseline Data - Victor Mudhune, KEMRI
- 4:40-4:50 Key Influences on the Sustainability of an Adolescent Transition Package for youth living with HIV in Kenya - Sarah Shaw, Univ. Washington, KNH, Univ. Nairobi
- 4:50-5:00 Assessing the potential effectiveness of peers versus staff in identifying adolescents living with HIV reporting depressive symptoms in two health facilities Kisumu County – Edna Okwaro, IRDO/RHAY, Univ. Washington, KEMRI
- 5:00-5:10 Views of adolescent, caregiver and school nurses on school-based antiretroviral adherence counseling in boarding schools in Kenya-a participatory formative evaluation – Nicholas Kipkurui, IRDO/RHAY, Univ. Washington, KEMRI
- 5:10-5:20 Assessing the effectiveness of using comprehensive sexuality education in improving uptake of HIV testing among adolescents and young people in Secondary Schools - Gerald Owuor, IRDO/RHAY, Univ. Washington, KEMRI
- 5:20-5:30 Discussion

Thursday January 26

Session XII : Reproductive Health

Co-Chairs: Marleen Temmerman, Rose Bosire

- 8:30-8:45 Multiple adverse childhood experiences and maternal mental health outcomes among Kenyan mothers with and without HIV – Alvin Onyango, Univ. Washington, Univ. Nairobi, KNH
- 8:45-9:00 Results of a cluster randomized trial testing the Systems Analysis and Improvement Approach (SAIA) as a strategy to improve cervical cancer screening in family planning clinics in Mombasa County, Kenya - McKenna Eastment, Univ. Washington, Harvard Univ., Univ. Nairobi
- 9:00-9:15 Efficacy of Thermal Ablation for treatment of high-grade cervical precancer among HIV-positive women: Results from Western Kenya - Chemtai Mungo, Univ. N. Carolina, KEMRI
- 9:15-9:30 Factors associated with cervical cancer screening among women attending maternal child health clinics in Kenya - Loise Joseph, Univ. Nairobi, Aga Khan Univ., Univ. Washington, KEMRI, CDC, Emory Univ.
- 9:30-9:45 p16 expression and recurrent cervical intraepithelial neoplasia after cryotherapy among women living with HIV - Daniel Maina, Aga Khan Univ.
- 9:45-10:00 Characterizing Contraceptive Use among Women in Fishing Communities on Lake Victoria - Zachary Kwena, KEMRI
- 10:00-10:15 Intimate Partner Violence amongst Women in a Trial of an Intervention for PMTCT and Family Health in Southwestern Kenya - Everlyne Owengah, KEMRI, Univ. Alabama, Univ. N Carolina, Univ. Michigan, KEMRI
- 10:15-10:45 Menstrual cups and cash transfer to reduce sexual and reproductive harm and school dropout in adolescent schoolgirls: a cluster-randomised controlled trial in western Kenya – Elizabeth Nyothach, Garazi Zulaika, UIC, NRHS, LSHTM, KEMRI, CDC
- 10:45-11:15 TEA/COFFEE**
- 11:15-11:45 The effect of menstrual cups on the vaginal microbiome, Bacterial vaginosis, and sexually transmitted infections: results of a nested cohort study within a cluster randomized controlled trial – Fred Otieno, Supriya Mehta UIC, NRHS

Session XIII: Testing

Co-Chairs: Walter Jaoko, Gloria Gakii

- 11:45 – 12:00 Assessing the sustainability of the Systems Analysis and Improvement Approach to increase HIV testing in family planning clinics in Mombasa, Kenya: results of a cluster randomized trial - McKenna Eastment, Lucy Adala, Univ. Washington, Univ. Nairobi
- 12:00-12:15 Impact of point-of-care HIV viral load and targeted drug resistance mutation testing on viral suppression among Kenyan pregnant and postpartum women: Results from a prospective cohort study (Opt4Mamas) - Patrick Owiti, LVCT Health

- 12:15-12:30 High performance of blood-based HIV self-tests at private pharmacies in Kenya - Benn Kwach CMR, KEMRI
- 12:30-12:45 Expanding options for HIV testing: An evaluation of a community-led HIV self-testing programme among men who have sex with men in Kenya – Memory Otieno, PHDA, Univ. Manitoba, Kenya MoH
- 12:45-1:00 Acceptability of HIV Self-Testing in the Context of Assisted Partner Notification Services in Kisumu and Homa Bay, Kenya - Victor Mudhune, KEMRI

1:00 – 2:30 Poster Session

1:00 – 2:00 Lunch

Session XIV : Capacity-building

Chair: Larry Gelmon

- 2:00-2:15 Country-to-country exchange of experience and expertise: Lessons from a south to south learning network - Missie Oindo, PHDA, Genesis Analytics, Univ. Manitoba
- 2:15-2:30 Leveraging Data to Optimise Technical Assistance for Key Populations Programmes: The Case of South to South Learning Network in Kenya - Lamek Nyabuga, PHDA, Genesis Analytics, Univ. Manitoba
- 2:30-2:40 Expanding Access to Critical Training through E-Learning: What can we learn from the COVID 19 Pandemic? - Adriane Berman, Univ. Washington, Univ. Nairobi, KEMRI, KNH
- 2:40-2:50 Engaging key populations in HIV prevention trials: Experience in Nairobi, Kenya – Elizabeth Mutisya, KAVI, Univ. Nairobi, PHDA, MRC Uganda, LSHTM, UCSF

2 pm – 6 pm TWO PARALLEL SYMPOSIA:

- **BUILDING CAPACITY FOR MICROBIOME RESEARCH IN KENYA**
- **ZOOSES AND OTHER INFECTIOUS DISEASES**

Session XV: Building Capacity for Microbiome Research in Kenya

Co-Chairs: Serah Gitome, Elizabeth Bukusi

- 2:00-2:10 Introductions, networking activity – Serah Gitome, Elizabeth Bukusi
- 2:10-2:35 Recent microbiome research capacity assessment results – Supriya Mehta, Serah Gitome
- 2:35-3:20 Working group session to identify priority action points for building research capacity
- 3:20-3:30 Wrap-up, next steps – Craig Cohen, Eva Heinz

Session XVI: Zoonoses and other Infectious Diseases

Co-Chairs: Moses Masika, Jason Kindrachuk

- 2:50–3:00 One Health Approach to understanding emergence of infectious diseases – Tarja Sironen, Univ. Helsinki
- 3:00-3:15 Current mosquito studies in the Taita Hills - Ruut Uusitalo, Univ. Helsinki
- 3:15- 3:30 Bat virus emergence in Kenya and beyond - Kristian Forbes, Univ. Arkansas
- 3:30-3:45 Ecology of Ebolavirus (Bombali virus) in Kenyan molossid bats - Tamika Lunn, Univ. Arkansas, Cambridge Univ., Maasai Mara Univ., Univ. Nairobi
- 3:45 – 4:00 COFFEE/TEA**
- 4:00-4:15 Effects of roost stability and multispecies roosting on bat infection dynamics in Kenya - Isabella DeAnglis, Univ. Arkansas
- 4:15 – 4:30 Defining the humoral responses of Egyptian rousette bats to circulating bat-borne viruses - Anne Roffler, Univ. Arkansas, Univ. Helsinki, Harvard Univ.
- 4:30-4:45 Seroevidence of zoonotic viruses in rodents and humans in Kibera informal settlement, Nairobi – Joseph Ogola, Univ. Nairobi
- 4:45 – 5:00 Bat-associated lyssaviruses: hosts and landscape in Kenya – Bernard Agwanda, National Museums of Kenya
- 5:00 – 5:15 Seroepidemiology of Onyong-nyong and chikungunya viruses in Western Kenya – Magnus Evander, Umeå Univ.
- 5:15–5:30 Phages to the rescue: combatting salmonella in poultry – Angela Mukumi, ILRI
- 5:30–5:45 A prospective and retrospective multi-center, cohort study for surveillance, clinical characterization and determination of relative vaccine effectiveness for monkeypox virus clade IIb by IMReC - Jason Kindrachuk, Univ. Manitoba, Univ. Nairobi
- 5:45-6:00 Discussion

POSTERS WEDNESDAY-THURSDAY

Experience in School Related Gender Based Violence in Dagoretti, Kenya - Charles Kibaara, Coptic Hope Centre

Optimization of a stepped care intervention for adolescents and youth living with HIV using continuous quality improvement – Nok Chhun, Univ. Washington, Univ. Nairobi

Do adolescents know their viral load results? Adolescent exit surveys in Kiambu and Nakuru Counties - Deepa Oja, Univ. Washington, KNH, Univ. Nairobi

Experiences of Adolescents and Young Adults receiving Phone-based Peer Navigation to Address Barriers to HIV Care Engagement and Viral Suppression in Kenya - Gladys Ontuga, KEMRI, Univ. Washington, UCSF, Washington Univ., Univ. Colorado

“I feel like a guest on the other side”: youth-identified challenges and solutions to transitioning from adolescent to adult HIV care services in Western Kenya - Gladys Ontuga, KEMRI, Univ. Washington, UCSF, Washington Univ., Univ. Colorado

“They should show them love even if their status of being HIV positive is known”: Youth and caregiver stigma experience and strategies to end HIV stigma in schools – Hellen Moraa, Univ. Washington, KNH, Univ. Nairobi

Gaps and opportunities for strengthening support for in-school youth living with HIV – Florence Nyapara, Univ. Washington, Univ. Nairobi, KNH, Kenya MoH, Univ. Eduardo Mondlane

Reducing HIV among Adolescents and Youth (RHAY): A Mentorship Program for Novice Young HIV Researchers in Eastern and Southern Africa – Winnie Wadera, IRDO/RHAY, Univ. Washington, KEMRI

Assessment of Effects of Peer Social Networks on Uptake of HIV Testing and Linkage to Care Among Youths Aged 15-24 Years in Migori County – Harrison Ayallo, IRDO/RHAY, Univ. Washington, KEMRI

Understanding the role of schools in supporting HIV treatment outcomes among HIV infected adolescents (TIMIZA) - Brenda Wandika, Univ. Washington, KNH

Transition to independent care for youth living with HIV: A cluster randomized clinical trial - Caren Mburu, Univ. Washington, Univ. Nairobi, Kenya MoH, KEMRI

Personnel Time Associated with Different Models of Youth HIV Care in the Data-informed Stepped Care (DiSC) Hybrid I Cluster Randomized Trial in Kenya - Dorothy Mangale, Univ. Washington, IRDO

“We tested together”: Experiences of PLHIV Delivering HIVST to Partners of Unknown HIV Status in Kenya - Catherine Kiptinness, PHRD, Univ. Washington, JKUAT

Performance evaluation of the CheckNow™ HIV Self-Test - Fredrick Oloo, KEMRI

Learning within Africa, by Africa: South-to-south learning visits to strengthen HIV prevention programmes - Winfred Nduku, PHDA, Genesis Analytics, Univ. Manitoba

Mobile solutions to empower reproductive life planning for women living with HIV in Kenya - Nancy Ngumbau, KNH

Assessing acceptability, Usability, and programmatic fit of Microarray Patch for HIV prevention and as a Multipurpose Prevention Technology (MPT) to protect from HIV and Unintended Pregnancy in Kenya - Sammy Gachigua, LVCT Health, PATH

HIV prevalence according to exclusive breastfeeding status among mothers in Naivasha, Kenya – Douglas Bosibori, Coptic Hope Centre, Univ. Washington, KEMRI

Influence of the hormonal contraceptive DMPA on HIV susceptibility ex vivo - Terry Muhomah, Karolinska Inst, Univ. Nairobi

Experience conducting verbal autopsy via phone for neonatal deaths and stillbirths in the Mobile WACH NEO randomized controlled trial in Kenya – June Moraa, Univ. Washington, KNH

Developing patient-centered perinatal mental health services in Kenya: formative research with a human-centered approach – Joan Mutahi, Univ. Washington, Univ. Nairobi, KNH

Impact of point-of-care HIV viral load and targeted drug resistance mutation testing on viral suppression among Kenyan children on antiretroviral therapy: Results from an open-label, randomized controlled trial (Opt4Kids) - Patrick Owiti, LVCT Health

Friday January 27 – Retreat

9 am – Opening and meeting objectives

9:15am – 1pm – Project presentations and discussion

- Univ. Manitoba
- Univ. Washington
- Univ. California San Francisco
- Northwestern Univ.
- Univ. Illinois Chicago
- Emory Univ.
- Univ. North Carolina
- KEMRI
- Univ. Nairobi
- Others TBD

1:00pm – 2:00 pm – Lunch

2:00pm – 3:45pm – Plenary discussion of possible projects and collaborations

3:45pm – 4:00pm – Way forward and closing