

NATIONAL HEALTH RESEARCH AUTHORITY

ZAMBIA'S 8TH HEALTH RESEARCH CONFERENCE

“Breaking New Ground in Health Research: Moving from Results to Implementation—Without Leaving Anyone Behind”

12TH ANNUAL HIV TECHNICAL CONFERENCE

“Sustaining the Momentum towards HIV Epidemic Control”

SCIENTIFIC PROGRAMME



2018
8th Zambia Health
Research &
12th Annual HIV
Technical Conference



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IMPORTANT INFORMATION

Conference Website: www.nhra.org.zm/zhrc2018

If you need assistance, contact: Conference managers listed below

To provide feedback, please complete the Conference Survey:
www.nhra.org.zm/conference-survey2018

Welcome from Zambia's 8th Health Research Conference and 12th Annual HIV Technical Conference Co-Chairs

Dear Colleagues,

It is our distinct pleasure to welcome you to both Zambia's 8th Health Research Conference and 12th Annual HIV Technical Conference in Lusaka, Zambia. With a record number of participants expected this year, we are thrilled to see that our research community, both international and local, are becoming larger and more robust.

The theme of this year's 8th Health Research Conference is "Breaking New Ground in Health Research: Moving from Results to Implementation—Without Leaving Anyone Behind." The theme in conjunction with the 12th Annual HIV Technical Conference's theme of "Sustaining the Momentum towards HIV Epidemic Control" recognizes Zambia's progress in the field of health research, but acknowledges that there is need to translate that research into action. There is also a focus on inclusivity. We are committed, this year and for future conferences, to include participation from health personnel at all levels and from the non-scientific community so that they appreciate the value of research to them as individuals and the country's development in general.

We are honored to have partnered with many organizations and researchers this year to bring you a programme that incorporates a wide range of topics—including novel and cutting-edge research. The programme includes keynote addresses, oral presentations in plenary and parallel sessions, panel discussions, poster sessions, and scientific symposia. There will also be an exhibition center for participants to learn

more about what our partners are doing. We will also be presenting a number of awards during the programme. We trust that you find the programme informative and interesting. We urge you to use this forum to **learn, grow, and connect** with other researchers from across Zambia and beyond.

Best regards,



Dr. Godfrey Biemba
Conference Organizing Chair
8th Zambia Health Research Conference



Dr. Nanthalile Mugala
Conference Organizing Co-Chair
8th Zambia Health Research Conference



Dr. Lloyd Mulenga
Conference Organizing Chair
12th Annual HIV Technical Conference



Dr. Tina Chisenga
Conference Organizing Co-Chair
12th Annual HIV Technical Conference



Prof. James Chipeta
Scientific Committee Chair
8th Zambia Health Research Conference



Dr. Victor Mukonka
Scientific Committee Co-Chair
8th Zambia Health Research Conference

Featured Key Speakers



Dr. Chitalu Chilufya, MP, Honourable Minister of Health, Zambia – Guest of Honour

Hon. Minister Dr. Chitalu Chilufya a medical doctor by training. He studied a Bachelor of Medicine and Surgery at the University of Zambia. He has been a Member of Parliament since 2013, and was appointed as the Minister of Health for the Republic of Zambia in September 2016. Hon. Minister Dr. Chilufya is a graduate of the University of Zambia, School of Medicine. Prior to joining politics, he worked at various levels of management in the health sector mostly in the rural areas of Zambia.



Dr. Jabbin Mulwanda, Permanent Secretary, Health Services, Zambia

Jabbin Mulwanda, is a physician specialized in General Surgery and has 29 years of experience in clinical medicine, public health, and health facility management across a spectrum of settings mainly in low resource settings. He has spent over 15 years implementing and managing national and regional public health programs, including HIV/AIDS, Infection Prevention, and Injection Safety (IP/IS) in the public sector. He has worked on implementation of health programs in Ethiopia, Kenya, Tanzania, Uganda, Rwanda, Lesotho, Swaziland and South Africa. He has also served as Director General of the Zambian National HIV/AIDS/STI Council (NAC) and, in addition, managed tertiary hospitals in Zambia. In his current position as Permanent Secretary (Health Services) in the Ministry of Health, he is responsible for technical aspects of health service and represents the ministry on a number of boards of directors.

Dr. Mulwanda has experience in management of capacity building programs in Infection prevention/Injection safety and HIV/AIDS, including clinical training; trainer capacity development; performance improvement; strengthening of training systems for health care providers; development and dissemination of clinical standards and protocols; and developing training materials for service providers. He has contributed to the development of various national learning resource materials in such areas as Antiretroviral Therapy, Diagnostic Testing and Counseling, Male Circumcision, Prevention of Mother to Child transmission of HIV (PMTCT) and successfully managed a pilot site, one of the two that preceded the introduction of ART in the Zambian public sector.



DR. WILLIAM (BILL) MOSS

Dr. Moss is a Professor in the Departments of Epidemiology, International Health and Molecular Microbiology and Immunology at the Johns Hopkins Bloomberg School of Public Health and Head of Epidemiology at the International Vaccine Access Center. He is a pediatrician with subspecialty training in infectious diseases, and has worked in Ethiopia, Kenya, South Africa, Zambia, Zimbabwe and India among other countries. The specific focus of his current research is in understanding the impact of the HIV epidemic on measles control and eradication, the epidemiology and control of malaria in southern Africa, and the care and treatment of HIV-infected children in rural Zambia.



DR. ROMA CHILENGI

Dr. Chilengi serves as the Chief Scientific Officer at the Centre for Infectious Disease Research in Zambia (CIDRZ). He joined CIDRZ in 2011 where he has since led a number of research projects. His interest is in vaccine research, child immunisations and public health, with a bias towards infectious tropical diseases. As CIDRZ Chief Scientific Officer he oversees all research and training programmes as well as leads his own research work focused on rotavirus and other enteric pathogens.



ELIZABETH MCCARTHY

Ms. McCarthy leads a global team of public health scientists at the Clinton Health Access Initiative (CHAI). She and her team develop high impact data analyses to improve global health care delivery. For the past 7 years, Ms. McCarthy has led a DFID-funded impact evaluation program where results from demand-driven evaluations have informed health policy decisions. Prior to joining CHAI, Ms. McCarthy worked with the U.S. Centers for Disease Control & Prevention in Atlanta, GA, USA.



DR. MEDHIN TSEHAU

Dr. Medhin currently serves as the UNAIDS Zambia Country Director. She has a wealth of experience in global health leadership having previously served as the Country Director in South Sudan and as current WHO Director General Dr. Tedros Adhanom Ghebreyesus' Chief of Staff during his tenure as Minister of Health of Ethiopia.



AMBASSADOR DANIEL L. FOOTE

Ambassador Foote was appointed as U.S. Ambassador to the Republic of Zambia on November 20, 2017. At the time of his appointment, Mr. Foote was the Acting Assistant Secretary, Bureau of International Narcotics and Law Enforcement Affairs at the Department of State, where he had served as Deputy Assistant Secretary since 2015. Known for his leadership acumen, judgment and communication skills, he has held diverse senior foreign policy positions.

BETHANY BAXTER

Bethany Baxter is the Acting PEPFAR Country member of the United States Government PEPFAR Team and provides expertise to build the capacity of the CCM Secretariat and CCM for the long-term.

Conference Managers

Zambia’s 8th Health Research Conference:

12th Annual HIV Technical Update:



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Conference Committees

Main Organizing Committee

Dr. Godfrey Biemba –
Chair (ZHRC)
Dr. Nanthalile Mugala –
Co-Chair (ZHRC)
Dr. Lloyd Mulenga -
Chair (AHTC)
Dr. Tina Chisenga- **Co-Chair (AHTC)**
Dr. Abdi Mohamed
Ms. Sandra Chilengi-Sakala
Dr. Victor Chalwe
Ms. Hiwote Solomon
Ms. Kutha Banda
Ms. Colleen Leonard
Mr. Chunga Chipwaila
Ms. Sarah Pickersgill
Dr. Modest Mulenga
Dr. Andrew Silumesii
Dr. Victor Mukonka

Scientific Committee

Prof. James Chipeta—
Chair
Dr. Victor Mukonka—
Co-Chair
Dr. John Miller
Dr. Busiku Hamainza
Prof. Patrick Musonda
Dr. Victor Chalwe
Dr. Lawrence Mwananyanda
Dr. Roma Chilengi
Dr. Chitalu Chama
Dr. Gershom Chongwe
Prof. Charles Michelo
Dr. Philip Nkunika
Dr. Amara L. Robinson-Miller
Dr. Jenny Stevenson
Dr. Fred Masaninga
Prof. Nkandu Munalula
Prof. Trevor Kaile

Prof Margaret Maimbolwa
Prof Mubiana Macwan'gi
Mr. Million Phiri
Dr. Modest Mulenga
Dr. Alwyn Mwinga
Dr. Phil Thuma
Ms. Ramya Kumar
Mr. Josphat Bwembya
Prof. Henry Njapau
Dr. Francis Dien Mwansa
Dr. Ray Handema
Dr. Goma Fastone
Dr. Sebastian Hachizovu
Prof. Seter Siziya
Mr. Musonda Lemba
Mr. Ben Bellows
Dr. Patricia Bobo
Dr. Chabila C. Mapoma
Prof. Kasonde Bowa

Communications Committee

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Chair
Ms. Sarah Pickersgill—
Co-Chair
Ms. Rose Masilani
Ms. Pauline Wamulume
Mr. Mpundu Mwanz
Mr. Todd Jennings
Mr. Ngosa Stanslous
Ms. Nora Mweemba
Ms. Mazyanga Liwewe
Ms. Edna Simbay
Mr. Andrew Phiri
Mr. Davies Chutu

Resource Mobilization Committee

Dr. Kennedy Malama –
Chair
Dr. Lloyd Mulenga
Dr. Aaron Shibemba
Mr. Lameck Chirwa
Dr. Rosemary Sunkutu
Ms. Ohito Rhoder
Dr. Abdi Mohamed
Ms. Karin Sverken
Ms. Ulrika Hertel
Dr. Mary Katepa Bwalya
Dr. Joseph Nikisi
Ms. Hilda Shakwelel
Ms. Sandra Mudhne

Logistics Committee

Mr. Francis Sinkala
Mr. Justine Nkaama
Ms. Marvis Bwalya
Ms. Elizabeth LN Ng'andu – Sakala
Ms. Winfrieda Mwenda



PRE-CONFERENCE CHECK-IN DAY

Sunday, 14th October, 2018
From 14:00- 18:00

Main Entrance Foyer, Government Complex

Activities:

- Check-in for conference presenters and attendees
- Conference bag collection
- Poster presenters to drop off their posters
- Setting up exhibition booths by exhibitors



15th – 17th October 2018
Government Complex
Lusaka, Zambia

DAY 1

DAY 1: MONDAY 15TH OCTOBER, 2018

TIME	TOPIC	PRESENTER	Venue
07:00 – 08:30	CHECK-IN		
08:30 – 09:00	Welcome Remarks	Organizing Chairs: Dr. Godfrey Biemba, NHRA Dr. Nanthalile Mugala, PATH Dr. Lloyd Mulenga, UTH	Theatre Hall
09:00 – 09:20	Key Speech	Elizabeth McCarthy, CHAI Zambia	Theatre Hall
09:20 – 10:10	<p style="text-align: center;">HEALTH RESEARCH REGULATION IN ZAMBIA-PLENARY Chair: Prof. Esther Munalula Nkandu Co-Chair: Ms. Bernice Mwale Presenters: Dr. Godfrey Biemba and Dr. Victor Chalwe, NHRA <u>Scientific Presentations:</u> 1) Predatory Journals: A Threat to Health Research Dissemination in Zambia, Japhet Matoba, Macha Research Trust 2) Consenting and Ethical Approval for Post Mortem Studies in Zambia, Angel Chirwa, UNZA SOM</p>		
10:10 – 10:30	Sponsor Speech- Ministry of Health (10 minutes) Sponsor Speech- Mylan (10 minutes)		
10:30 – 10:40	TEA BREAK		
10:40 – 12:00	PUBLIC HEALTH PLENARY: Chair: Dr. Victor Mukonka Co-Chair: Prof. Charles Michelo		
10:40 – 11:00	Prevalence and risk-factors for non-communicable diseases: Findings from the first national survey in Zambia	Dr. Roma Chilengi, CIDRZ	Theatre Hall
11:00 – 11:20	Effect of Results-Based Financing on the utilization and quality of maternal and child health services in Zambia: a three-arm cluster-randomized study	Collins Chansa, World Bank	Theatre Hall
11:20 – 11:40	Challenges of identifying and following up social harms related to HIV self-testing in urban Zambia: Experience from the HPTN 071 (PopART) Study	Musonda Simwinga, ZAMBART	Theatre Hall
11:40 – 12:00	Sponsor Speech- UTH-HAP (10 minutes) Sponsor Speech- PATH-MACEPA (10 minutes)		
12:00 – 13:30	Concurrent Breakaway Sessions (Theatre Hall, Rooms 1, 2, 3, 4, 5, 6, 7 and 8) See page 12		
13:30 – 14:30	LUNCH		
14:30 – 16:00	Concurrent Breakaway Sessions (Theatre Hall, ROOM 1, 2, 3, 4, 5, 6 and 8) See page 18		
16:00 – 17:00	POSTER SESSION (SEE PAGE 21)/ TEA BREAK		
17:00	END OF DAY		
18:30– 20:30	BD SPONSORED DINNER FOR INVITED GUESTS		

Malaria Control and Elimination Partnership in Africa (MACEPA)



Malaria is one of the oldest and deadliest diseases in history, and PATH's Malaria Control and Elimination Partnership in Africa (MACEPA) has been working with national governments since 2005 to make malaria history.

Our support to the National Malaria Elimination Programme includes testing new strategies to accelerate malaria reduction, technical guidance on community surveillance, and strengthening, at all levels, routine and periodic data collection, analysis and visualization.



In Southern Province, community treatment strategies in coordination with vector control and household follow up on individual cases of infection, has contributed to a significant reduction in malaria.

PATH MACEPA is committed to sharing what we learn through operational research and best practices. Visit our conference presentations on indoor spraying, surveillance in very low transmission settings and how community health workers are key to ending malaria in Zambia.



BILL & MELINDA
GATES *foundation*



Our HIV solutions enable actionable decisions to be made that have a powerful impact on people, governments, and society. With a leading set of solutions for screening, monitoring, management and connectivity – from the lab to the point of care, Abbott is providing crucial tools to healthcare providers, especially in resource-limited settings.



ALERE³
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TB LAM Ag



SD BIOLINE³
HIV/SYPHILIS DUO



HIV COMBO

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Monday, October 15th – 12:00 to 13:30
Breakaway Session Options

MALARIA ELIMINATION SYMPOSIUM

Theatre Hall

Theme: Accelerating evidence-based Interventions for malaria elimination | Zambia's Journey: From SUFI to Elimination

Chair: Dr. Elizabeth Chizema | **Co-Chair:** Dr. Modest Mulenga
Sponsor Speech: CIDRZ

Enesia Chaponda-Ngulube et al., UNZA

Current National Malaria in Pregnancy (MIP) Disease Burden—Focus on Nchelenge

Felix Masiye, et al., UNZA

Contribution of Malaria Interventions to the Decline of Under-five Infant and Maternal Mortality Rate

Dr. William Moss, Macha Institute

Reactive Case Detection, Secondary Vector, and Challenge to Malaria Elimination in Southern Province, Zambia

Dr. Modest Mulenga, TDRC

Impact of Indoor Residual Spraying and Barriers to Malaria Control in Nchelenge District, Zambia

Dr. Busiku Haminza, National Malaria Elimination Centre (NMEC)

From Scale-up for Impact to Malaria Elimination: How Do We Get Here?

Room

HIV/AIDS TECHNICAL UPDATE SYMPOSIUM

Conference Room 1

Theme: Improving HIV Case-Finding 1

Chair: Dr. Mary Boyd | **Co-Chair:** Dr. Tina Chisenga

Dr. Ahmed Saadani, CDC

A Snapshot from Zambia

Nkwemu Kennedy, CDC

Overview of progress in implementing index testing (by province, district, age and sex), throughout the last 12 months: challenges and way forward

Dr. Mwanza Wa Mwanza, CIDRZ

Lusaka Surge update and HIV case finding

Dr. Kalasa Mwanda, USAID DISCOVER Health

“Finding Adam”: Reaching Men through Index HIV Testing and Partner Notification

Mr. Lawrence Mwenge

Application of Cost-effectiveness analysis for high impact HIV testing programmes in Zambia: does it matter for reaching 90-90-90 target?

Mrs. Linah Mwango, University of Maryland

Optimization of Index Testing to Increase HIV Positivity Yield

HIV/AIDS Technical Update Symposium
Theme: Services for High Risk Populations

Room
Conference Room 2

Chair: Dr. Jackson Okuku | **Co-Chair:** Ms. Nomsa Phiri

Ellen Mubanga, NAC
Updates on Prevention Interventions

Dr. Cassidy Claassen & Linah Mwangi, University of Maryland
Initial Implementation of PrEP in Zambia

Mwansa Njelesani-Kaira, USAID DISCOVER Health
Experience in rolling out PrEP for High Risk Individuals

Dr. Chitalu Chanda, UTH
UTH Experience in Clinic for High Risk Individuals

Dr. Johan Hugo, ANOVA South Africa
Training Health Care Workers Working with Key Populations

Rosemary zimba, CHAZ
Impact of sexual reproductive health and life skills program on adolescents behavior

Theme: Male Circumcision

Chair: Dr. Robert Zulu | **Co-Chair:** Dr. Omega Chituwo

Mr. Royd Kamboyi, MOH
Zambia VMMC program updates (Program Performance to Date)

Dr. Omega Chituwo, CDC
Male circumcision devices: updates, current practices and potential for the Zambian National VMMC program

Rosemary zimba, CHAZ
Use of social media in improving VMMC performance

Dr. Wilson Mbewe, LDHO
VMMC adverse event: Case report on Fournier's gangrene

Monday, October 15th – 12:00 to 13:30
Breakaway Session Options

BLOOMBERG DATA FOR HEALTH INITIATIVE **Room**
Conference Room 3

Theme: Data to Policy Forum

Chair: Dr. Francis Dien Mwansa | **Co-Chair:** Dr. Sharon Kapambwe

Namundi Nshimbi, Zambia Field Epidemiology Training Program

Hepatitis: Vaccinate, Save a Life! Addressing the Hepatitis B prevalence in the adult population in Zambia.

Nelia Langa Mulambya, Zambia Field Epidemiology Training Program

Protecting Future Generations: Addressing hepatitis B among Pregnant Women and Newborns in Zambia.

Dr. Daniel Makawa & Dr. Brittany Gianetti

Care for the Carers: Vaccinate health workers against Hepatitis B in Zambia

Fridah Ng'uni

"Mind the Gap" Improve Tuberculosis Care and Treatment in Correctional Facilities in Zambia.

Kutha Banda, National Health Research Authority

Save a Cervix, Save a Life!: Reinforcing Cervical Cancer Test and Treat for HIV positive women.

ORAL PRESENTATIONS

Room
Conference Room 4

Theme: Reproductive, Maternal, Neonatal Child Health & Nutrition

Chair: Prof. Bellington Vwalika | **Co-Chair:** Prof. Margaret Maimbolwa

Natasha Laban, CIDRZ

Association of histo-blood group antigens with rotavirus vaccine response among Zambian children

Katayi Mwila-Kazimbaya, CIDRZ

Rotavirus prevalence, co-infections and genetic diversity of vaccinated children in Zambia

David Hamer, Boston University School of Public Health

Rates, causes, and timing of maternal deaths, stillbirths and neonatal deaths in Southern Province, Zambia

Catherine G. Sutcliffe, Johns Hopkins Bloomberg School of Public Health

Acceptability and feasibility of implementing birth testing for early infant diagnosis of HIV infection in Zambia

Francis Hamangaba, Macha Research Trust

Response to antiretroviral therapy among HIV-infected infants and young children

Rokaya Ginwalla, UTH

A Review of Resistance Patterns among Children and Adolescents on First and Second line Antiretroviral Therapy at the University Teaching Children's Hospital, Lusaka, Zambia

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Monday, October 15th – 12:00 to 13:30
Breakaway Session Options

ORAL PRESENTATIONS **Room**
Conference Room 5
Theme: Nutrition
Chair: Dr. Nanthalile Mugala, PATH | **Co-Chair:** Dr. Chipepo Kankasa, UTH

Nixon Miyoba, Kitwe Teaching Hospital

Nutritional risk and associated factors of adult inpatients at Kitwe teaching hospital in Zambia: a hospital-based cross-sectional study

Justin Chileshe, TDRC

Body composition (Unhealthy Fat mass) was associated with stunting in supposedly healthy children aged 3-5 years old in Ndola, Zambia

Beatrice Kawana, PATH

Procedure for Graduating Clients from a Nutrition Assessment, Counselling and Support Program

Paul Kelly, UNZA SOM

Transcriptomic analysis of enteropathy in Zambian children with severe acute malnutrition

Kasonde Bowa, Copperbelt University

Cancer and Nutrition in Zambia

ORAL PRESENTATIONS **Room**
Conference Room 6
Theme: Reproductive, Maternal, Neonatal Child Health & Nutrition
Chair: Prof. Mary Shilaluki Ngoma | **Co-Chair:** Dr. Victor Chalwe

Lawrence Mwananyanda, Right to Care/Boston University

Sepsis Prevention in Neonates in Zambia Study: Impact of an Infection Prevention Bundle on Neonatal Sepsis and Mortality

Mutinta Hamahuwa, Macha Research Trust

Factors associated with PMTCT utilization among HIV-infected women in Zambia

Passwell Munachoonga, MACHA RESEARCH TRUST

Performance of the GeneXpert for early infant diagnosis of HIV infection using whole blood and dried blood spot samples

Zumbe Siwale, EQUIP

Poor HIV testing rates among youth and adolescents in Zambia; will the self-testing strategy help? Results from EQUIP

Sylvia Maunga, Macha Research Trust

Early infant diagnosis of HIV infection and linkage to care in rural Zambia

Caroline Chisenga, CIDRZ

Aetiology of Diarrhoea Among Zambian Infants Presenting with Moderate & Severe Diarrhoea in Health Facilities

Monday, October 15th – 12:00 to 13:30
Breakaway Session Options

HIV/AIDS TECHNICAL UPDATE SYMPOSIUM

Room
Conference Room 7

Theme: Improving HIV Case-finding 2

Chair: Dr. George Sinyangwe | **Co-Chair:** Dr. Keith Mwebo

Dr. Almakio Phiri, EQUIP

Index Testing through a standardized mentorship tool

Thikazi Jere, EQUIP

Keeping the Negative HIV Negative

Andres Mortaner, EQUIP

Using a Lynx app as community testing strategy

Dr. Lawrence Mwananyanda, EQUIP

Lessons learnt from HIVST among adolescents

Dr. Patrick Makelele, FHI 360

HIV Testing Optimization and Antiretroviral Therapy Initiation in a Tertiary Hospital: Case of Ndola Teaching Hospital, Zambia.

Dr. Patrick Makelele, FHI 360

Implementing Moonlighting Testing to Optimize HIV Testing Services in Northern Zambia

Gabriel Kibombwe, FHI 360

Improving HIV Case-Finding using Partner Notification Services: A Snapshot from Zambia

Theme: Differentiated Service Delivery models

Chair: Dr. Felix Mwanza | **Co-Chair:** Dr. Khozya Zyambo

Dr. Priscilla Lumano Mulenga

Where are we and what are the next steps?

Dr. Cassidy Claassen, University of Maryland

DSD Models: CHEC Model Results in SMACH Project

Dr. Daniel Mwamba and Dr. Mwanza wa Mwanza, CIDRZ

CAG uptake among HIV virologically unsuppressed patients

Dr. Victoria Musonda-Daka, Systems for Better Health

Strengthening linkages between community and health facilities for improved retention of infants, children and adolescents in HIV care – A Case of Kitwe HIV Linkages Activity model

Mr. Ivin Chibanda, EQUIP

Centralized Chronic Medicines Dispensing and Distribution

Mr. Ivin Chibanda, EQUIP

Multi-months Scripting and Dispensing, Lessons on Supply Chain

Zambia's 8th Health Research Conference & 12th Annual HIV Technical Conference

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Monday, October 15th – 12:00 to 13:30
Breakaway Session Options

ORAL PRESENTATIONS

Room
Conference Room 8

Theme: Communicable Disease

Chair: Dr. Patricia Bobo | **Co-Chair:** Dr. Humphrey Chanda

Albertus Schaap, ZAMBART

Effectiveness of index testing: Estimations from 4 years of data from the HPTN 071 (PopART) trial

Kabema Evans Mwape, UNZA

Effects of the computer-based Taenia solium educational program 'The Vicious Worm' after one year: effective knowledge retention in rural primary school students in eastern Zambia

Kabema Evans Mwape, UNZA

Pigs and Epilepsy in Zambia

Chishimba Mubanga, UNZA

Taenia solium infections in Zambia: Towards a point of care (POC) test for endemic communities

Maurice Musheke, Population Council

HIV prevalence and uptake of HIV care among female sex workers in 4 districts of Zambia: Implications for achieving the 90-90-90 HIV targets

Monday, October 15th – 14:30 to 16:00
Breakaway Session Options

TB SYMPOSIUM 1

Theatre Hall

Chair: Dr. Andrew Silumesi | **Co-chair:** Dr. Abel Kabalo

Dr. Patrick Lungu, Ministry of Health

Diagnosis and Management of Drug Sensitive TB

Mwananyambe Namushi, Centres for Disease Control and Prevention

IPT/ TPT (Tuberculosis Preventive Therapy): Progress in the Past 12 months, Challenges and Way Forward

Dr. Khozya Zyambo, Lusaka District Health Office

Intensified TB Case finding: Case of Kanayama

HIV/AIDS TECHNICAL UPDATE SYMPOSIUM

Room
Conference Room 1

Theme: *Industry-Sponsored Presentations*

Chair: Mr. John Mapulanga

Abbott

Title TBD (See separate sheet attached)

HIV/AIDS TECHNICAL UPDATE SYMPOSIUM

Room
Conference Room 2

Theme: *Industry-Sponsored Presentations*

Chair: Dr. Aaron Shibemba | **Co-chair:** Mrs. Fales Mwamba

BD Life Sciences

Role of CD4 in Managing HIV Infected Individuals

Chembio

Title TBD (See separate sheet attached)

Abbvie

Title TBD (See separate sheet attached)

Monday, October 15th – 14:30 to 16:00
Breakaway Session Options

ORAL PRESENTATIONS

Room
Conference Room 3

Theme: Health Systems

Chair: Prof. Trevor Kaile | **Co-Chair:** Dr. Nathan Kapata

Emily Katamujuna, Baylor-Uganda

Community Facility Framework Strategy To Achieve The UNAIDS 90-90-90 Goals In Rwenzori Region, Baylor Uganda

Imraan Ahmed, UNZA

Hand washing compliance in operating theatres

Helene Smith, CIDRZ

Early Results of Universal Test and Treat Implementation in a Large Zambian Correctional Facility

Chanda Mwaba, CIDRZ

Vaccine-related perceptions influencing demand in three compounds in Lusaka, Zambia

Marie-Reine I. Rutagwera, PATH/MACEPA

Community Health Workers: scalable foot soldiers for case management and surveillance for malaria elimination in Zambia

Mukuma Lubinda, Macha Research Trust

A decade of malaria surveillance using SMS mobile phone technology in a low transmission setting in southern Zambia

ORAL PRESENTATIONS

Room
Conference Room 4

Theme: Health Systems

Chair: Dr. Cephas Sialubanje | **Co-Chair:** Dr. Kunda Musonda

Sponsor Speech - ICAP at Columbia University

Sponsor Speech - SSG Access for All

Mazyanga Lucy Mazaba, Copperbelt University

Sero-epidemiology of rubella in Zambia in the pre-vaccination period (2005 – 2016) as baseline for future evaluation of the impact of introduction of rubella national immunization program

Thandiwe Ngoma, Right to Care- Zambia

Facility Readiness for Emergency Obstetric and Newborn Care at Rural Health Centers in Zambia: A Time-Series Analysis

Martha Mwendafilumba, CIDRZ

The Community Health Workers' Perception of Motivational Incentives

Aldina Mesic, Innovations for Poverty Action

Household saving during pregnancy and facility delivery in Zambia: a cross-sectional study

Monday, October 15th – 14:30 to 16:00
Breakaway Session Options

ORAL PRESENTATIONS

Room
Conference Room 5

Theme: Communicable Disease

Chair: Dr. Christine Manyando | **Co-Chair:** Prof. Patrick Musonda

Brenda Mambwe, PATH-MACEPA

Evaluating the impact of Indoor Residual Spraying on malaria vector species Composition and Abundance along Lake Kariba of Southern Zambia

Kochelani Sali, PATH-MACEPA

Increase in outdoor biting in primary and potential secondary vectors- possible implications on malaria elimination

Busiku Hamainza, Ministry of Health

Zambia National Malaria Indicator Survey 2018: monitoring progress toward strategic malaria elimination targets

James Chipeta, UNZA SOM

Marked variations in Pro-inflammatory and Regulatory cytokines and chemokines among children with cerebral malaria and bacterial meningitis in Zambia

Jay Sikalima, TDRC

Is Housing (roofing) quality associated with malaria incidence? The findings in Nchelenge, Luapula province

ORAL PRESENTATIONS

Room
Conference Room 6

Theme: Reproductive, Maternal, Neonatal, Child Health & Nutrition

Chair: Dr. Michael Mbizvo | **Co-Chair:** Dr. Lonia Mwape

Esau G. Mbewe, UNZA

Effects of Human immunodeficiency Virus and Socioeconomic Status on Cognitive functioning in Children and Adolescents in Lusaka District, Zambia

Michael Nambozi, TDRC

Artemisinin-based combination therapy in pregnant women in Zambia: efficacy, safety and risk of recurrent malaria

Mwelwa Chibuye, Population Council

Sexual and reproductive health outcomes of female sex workers in 4 districts of Zambia

Chishala Chabala, UTH

Evidence for optimal childhood TB diagnosis and treatment; The SHINE, SURE and TB-SPEED research studies

Fred Kapaya, MOH/ZNPHI

Factors associated with of Obstetric Fistula Surgical Repair Failure at Monze & St. Francis Mission Hospitals from 2010 to 2016, Zambia

DAY 1: MONDAY 15TH October, 2018 | POSTER PRESENTATIONS
16:00 – 17:00

PRESENTER, AFFILIATION	TITLE	TOPIC CATEGORY
Martha Mwendafulumba, CIDRZ	Why Babies are born before Arrival; A case of Chawama Community, Lusaka.	Reproductive, Maternal, Newborn, Child, Adolescent Health & Nutrition
Joseph Chizimu, Ministry of Health	Assessment of Factors Influencing Antenatal Care Attendance in First Trimester of Pregnancy among Women in Chibombo district, Zambia	Reproductive, Maternal, Newborn, Child, Adolescent Health & Nutrition
Misinzo Moono, CIDRZ	Home deliveries in the capital: a qualitative exploration of barriers to institutional deliveries in peri-urban areas of Lusaka city, Zambia	Reproductive, Maternal, Newborn, Child, Adolescent Health & Nutrition
Perfect Shankalala, UNZA	Adaptation of the WHO PEN tool for assessing health system capacity to prevent and control Non-Communicable Diseases in Zambian primary care settings.	Non-communicable diseases
Mwansa Ketty Lubeya, UNZA SOM	Anaemia In Pregnancy: A Public Health Problem in Zambia	Reproductive, Maternal, Newborn, Child, Adolescent Health & Nutrition
Mwamba Mwenge, SHARPZ	Randomized Control Trial of ways to improve OVC HIV prevention and well being	Communicable diseases
Njekwa Mukamba, CIDRZ	Patients' satisfaction with HIV care providers in public health facilities in Lusaka Province – a study of patients who were lost-to-follow-up from HIV care and treatment	Health Systems
Clement Nchimunya Moonga, CIDRZ	Improving Prison Health Governance: The Zambian Prisons Health System Strengthening (ZAPHSS) Project	Health Systems
Marie-Reine I. Rutagwera, PATH/MACEPA	Review of Data Strengthening Process for Malaria Surveillance System, Zambia	Communicable diseases
Kalima Tembo, JSI AIDSFree Project	eLMIS in Zambia: Lessons in how to scale up information systems in low resource settings	Health Systems
John Yabe, UNZA	Current Trends of Childhood Blood Lead Levels and Exposure Patterns in Kabwe, Zambia	Reproductive, Maternal, Newborn, Child, Adolescent Health & Nutrition
Victor Daka, TDRC	Field Evaluation of the Illimipro-10 Illumigene Malaria Diagnosis by Amplification of Plasmodium SPP DNA- A viable option to Accelerating Malaria Elimination?	Biomedical & laboratory sciences

DAY 1: MONDAY 15TH October, 2018 | POSTER PRESENTATIONS
16:00 – 17:00

Fred Sakubita, ZFETP	Mpulungu and Mbala Cholera Outbreak Investigation in Northern Province, Zambia, 2017	Communicable diseases
Justin Mulenga, BMSZ	Trichomonis Vaginalis in Kasempa District North Western Province of Zambia	Communicable diseases
Anne Martin, Akros	Results from a comparison-control trial examining different targeting strategies for IRS, Zambia 2017	Communicable diseases
John Tembo, UNZA-UCLMS, HERPEZ	Children infected by HHV-6B with febrile seizures admitted to the hospital are more likely to develop febrile status epilepticus.	Reproductive, Maternal, Newborn, Child, Adolescent Health & Nutrition
Shephard Khondowe, TDRS	Fear of job loss as a barrier to TB care among mineworkers in Zambia: impact of TB-related policies	Social determinants of Health
Mathias Tembo, TDRS	Tuberculosis Health Services for Mineworkers in Zambia: Policies versus Practices	Health Systems
Davie Simwaba, Ministry of Health Zambia	Factors Associated with Mortality among Smear Positive Pulmonary TB HIV co infected Patients enrolled for Care in Eastern Province, Zambia.	Communicable diseases
Josphat Bwembya, PATH	When Locals Lead-- Empowering Districts to Set their own TB Operational Research Agenda: Success Story from the USAID Eradicate TB Project	Communicable disease
Francis Hamangaba, Macha Research Trust	Puberty and sexual activity among perinatally HIV infected adolescents in rural Zambia	Reproductive, Maternal, Newborn, Child, Adolescent Health & Nutrition
Patrick Makelele, FHI 360	Implementing Moonlight Testing to Optimize HIV Testing Services in Northern Zambia	Health Promotion
Florence Mulenga, USAID/ODP	Improving HIV Case-Finding among key populations; A Snapshot from 100 days of using Total Quality Leadership approach in USAID Open Doors Project Zambia:	Health Systems Strengthening
David Bearden, UTH, University of Rochester	Evaluating the Impact of Antiretroviral and Antiepileptic Medication Interactions on ARV Effectiveness: An Exposure-Control Study	Communicable disease
Maurice Musheke, Population Council	What do Adolescent Girls and Young Women in Zambia tell us about their male partners and their relationship characteristics?	Reproductive, Maternal, Newborn, Child, Adolescent Health & Nutrition
Mwelwa Chibuye, Population Council	Developing a model to link Comprehensive Sexuality Education and adolescent health services to improve sexual and reproductive health outcomes among adolescents in Zambia	Reproductive, Maternal, Newborn, Child, Adolescent Health & Nutrition
Manoj Matthews, UTH Children's Hospital	Early Results from the UTH Children's Hospital Cohort of HIV-Associated Seizures and Epilepsy (CHASE) Study	Reproductive, Maternal, Newborn, Child, Adolescent Health & Nutrition

DAY 1: MONDAY 15TH October, 2018 | POSTER PRESENTATIONS
16:00 – 17:00

Mathur Sanyukta, Population Council	HIV Risk profiles among out-of-school adolescent girls and young women in two DREAMS sites in Zambia: Using Latent Class Analysis for differentiated prevention programming	Reproductive, Maternal, Newborn, Child, Adolescent Health & Nutrition
Jenala Chipungu, CIDRZ	An Exploration of Needs Across the Faecal Sludge Management (FSM) Chain in Peri-Urban Areas in Lusaka	Communicable Disease
Graham Chianzu, Sanket Medical Laboratories	Influences of Haemoglobin-as Genotype on Asymptomatic Plasmodium Infections in Children in Nchelenge District, Luapula Province, Zambia	Communicable Disease

**DAY 1: MONDAY 15TH October, 2018 | STUDENT POSTER PRESENTATIONS
16:00 – 17:00**

PRESENTER, AFFILIATION	TITLE	TOPIC CATEGORY
Bernadette Moraes, UNZA	Experiences of Adolescent Learners with Sickle Cell Disease	Reproductive, Maternal, Newborn, Child, Adolescent Health & Nutrition
Priscilla Nkonde	Factors Associated with Early Childbearing among Adolescent Girls in the Research Initiative to Support the Empowerment (RISE) of Girls Trial at Baseline	Reproductive, Maternal, Newborn, Child, Adolescent Health & Nutrition
Rabecca Bwato, UNZA	Time to Infant Death: A Study of Infant Mortality in Zambia	Reproductive, Maternal, Newborn, Child, Adolescent Health & Nutrition
Niza Sinkonde, UNZA	Reflections on a novel method of delivering teaching in the operating theatre in Lusaka, Zambia.	Novel/Innovative/Discovery Health Research
Ninza Sheyo, UNZA	Changes in selected electrolytes in adult intensive care patients at the University Teaching Hospital (UTH), Lusaka, Zambia	Non-Communicable Diseases
Doreen Sitali, UNZA	Social Determinants of Human Anthrax Transmission among affected Communities in Zambia	Health Promotion, Social Determinants, Environmental Health, Primary Health Care, & Community Health
Sompwe Mwanza, UNZA	A Study on Determinants of Preoperative Anxiety in Adult Patients Undergoing Elective Surgical Procedures at The University Teaching Hospitals, Lusaka, Zambia	Anaesthesia and Surgery
Angela Gama Butale, MOH	An Investigation on Reported Increased Malaria Cases in Kalabo District, Zambia	Disease Outbreaks & Epidemic Control
Andrea Carcelen, Johns Hopkins Bloomberg School of Public Health	Process evaluation of integrating a nested serological survey within a post-vaccination coverage survey for measles and rubella in Southern Province, Zambia	Disease Outbreaks & Epidemic Control, Health Promotion
Simon Mutembo, Ministry of Health, University of Georgia	Lessons learned from nesting a measles and rubella serological survey within a post-campaign coverage evaluation survey	Reproductive, Maternal, Newborn, Child, Adolescent Health & Nutrition, Communicable Diseases, including surgical conditions

**DAY 1: MONDAY 15TH October, 2018 | STUDENT POSTER PRESENTATIONS
16:00 – 17:00**

Leonard Heyerdahl, Ecole Normale Supérieure de Lyon, France	"It depends how one understands it:" A qualitative study on differential uptake of oral cholera vaccine in three compounds in Lusaka, Zambia	Communicable Diseases, Disease Outbreaks & Epidemic Control
Fred Kapaya, MOH/ ZNPHI	A foodborne disease outbreak investigation experience in a College in Lusaka, Zambia, 2017	Disease Outbreaks & Epidemic Control
Fred Sakubita, ZFETP	Assessment of Prevalence and Risk Factors for Urinary Schistosomiasis Among Primary School Going Children in Mpongwe District, Zambia	Disease Outbreaks & Epidemic Control
Pelekelo P Kabundula, UNZA	Validation of the National Institute of Health (NIH) Toolbox, An Ipad Based Test of Cognition among Zambian Children and Adolescents	Reproductive, Maternal, Newborn, Child, Adolescent Health & Nutrition
Ronald Fisa, UNZA	Modelling Deaths Associated with Road Traffic Accidents and other factors between 2000 and 2016 using Poisson Processes Models: A case of Great North Road, Lusaka, Zambia.	Road Traffic Accidents/Statistical Methods
Bertha Kasonde-Chanshika, TDRC	Profiling Chloroquine Resistance-Associated Pfcrt-76T AND Pfmdr1-86Y mutations in Plasmodium falciparum isolates of Ndola, Zambia	Biomedical Science
John Shawa	An Ethical analysis of Community awareness of the legal status of homosexuality in Zambia	Social Determinants of Health
Lwito Mutale, UNZA	HIV testing uptake and associated factors among male long-distance truck drivers in Zambia, 2015.	Communicable Disease
Lisa Kalungwana-Mambwe, University of Cape Town	Mental Health, Adaptive Functioning and Neurocognitive Functioning among school aged children living with HIV in Zambia	Reproductive, Maternal, Newborn, Child, Adolescent Health & Nutrition
Sibongile Tembo, UNZA	Prevalence, Intensity and Factors Associated with Soil Transmitted Helminths Infection among Children in Chililabombwe District, Copperbelt Province, Zambia-cross sectional study.	Communicable Disease
Mercy Chisashi, UNZA	Evaluation of Adolescent Sexual Reproductive Health Services in Zambia: The Case of the National Adolescent Health Strategic Plan of 2011-2015	Reproductive, Maternal, Newborn, Child, Adolescent Health & Nutrition



Ministry of Health



ZAMBIANS AND AMERICANS
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2018

**8th Zambia Health
Research &
12th Annual HIV
Technical Conference**



15th – 17th October 2018
Government Complex
Lusaka, Zambia

DAY 2

DAY 2: TUESDAY 16th October, 2018

TIME	TOPIC	PRESENTER	Venue
07:00 – 08:00	CHECK-IN		
08:00 – 10:20	OPENING CEREMONY Chairs: Dr. G. Biemba & Dr. L. Mulenga Co-Chair: Dr. N. Mugala Master of Ceremonies: Mr. Hebert Mutabi		Theatre Hall
08:00 – 08:30	<u>Arrival of Distinguished Guests to High Table</u> 1) Minister of Health: Honourable Dr. Chitalu Chilufya, MP 2) MOH Permanent Secretary-Health Services: Dr. Jabbin Mulwanda 3) MOH Permanent Secretary-Administration: Dr. Kennedy Malama 4) MOH Permanent Secretary – Training: Prof. Elwyn Chomba 5) US Ambassador: Mr. Daniel Foote 6) NAC Director: Mr. Fortune Chibamba 7) UNAIDS Country Director: Dr. Medhin Tsehaiu 8) PEPFAR Coordinator: Ms. Bethany Baxter 9) CDC Country Director: Dr. Simon Agolory 10) USAID Zambia Health Team Lead: Ms. Melanie Luick-Martins 11) WHO Country Representative: Dr. Nathan Bakyaita 12) CHAI Country Director: Ms. Hilda Shakwelele 13) Keynote Speaker: Dr. William Moss 14) Outgoing Chair, NHRA: Prof Everist Njelesani		
08:30 – 08:45	National Anthem Welcome remarks and objectives of the Conference by Chair		
08:45 – 08:55	Remarks and Objectives of the HIV Technical Updates by National HIV Treatment and Care Coordinator		
08:55 – 09:00	Performance by Cultural Dance Group		Theatre Hall
09:00 – 09:20	Opening Speeches	PEPFAR Coordinator UNAIDS Country Director US Ambassador Hon. Minister of Health	Theatre Hall
09:20 – 09:40	Official Launch of: Revitalizing HIV Mentorship and STP ID Training through Tele-Echo	Hon. Minister & U.S Ambassador	Theatre Hall
09:40 – 09:50	Official Launch of documents: 1. NHRA Strategic Plan 2. National Health Research Agenda (Research Priorities) 3. Guidelines for Research in Traditional, Complementary and Alternative Medicine 4. Zambia Differentiated Service Delivery Framework 5. National Elimination of Mother to Child Transmission of HIV & Syphilis- The National Operational Plan 2018-2021 6. National Laboratory Strategic Plan 2018 to 2022	Hon. Minister	Theatre Hall

DAY 2: TUESDAY 16TH October, 2018

09:50 – 10:20	Awards Ceremony	Hon. Minister/Conference Chairs	Theatre Hall
10:20 – 10:35	Performance by Cultural Dance Group		Theatre Hall
10:35 – 10:55	Keynote Speech	Dr. William Moss, Johns Hopkins University-Bloomberg School of Public Health, USA	Theatre Hall
10:55 – 11:20	TEA BREAK		
11:20 – 13:00	HIV/AIDS TECHNICAL UPDATE PLENARY Chair: Dr. Andrew Silumesi Co-Chair: Dr. Mzaza Nthele Dr. Lloyd Mulenga Status of the HIV Epidemic in Zambia Dr. Tina Chisenga HIV Self Testing: Policy Guidance: Dr. Tina Chisenga Policy Guidance for Pre-Exposure Prophylaxis of HIV Infection: Dr. Gloria Munthali Status of Paediatric HIV Dr. Priscilla Lumano- Mulenga Road Map of Elimination of MTCT of HIV Dr. Aaron Shibemba Status of the Viral Load Scale Up Dr. Albert Mwango Moving from Efavirenz and Nevirapine to Dolutegravir: TLD Transition Dr. Lloyd Mulenga Revitalizing HIV Mentorship and STP ID Training through Tele-Echo		Theatre Hall
13:00 – 14:00	LUNCH BREAK		

DAY 2: TUESDAY 16TH October, 2018

14:00 – 15:30	Concurrent Breakaway Sessions (Theatre Hall, ROOM 1, 2, 3, 4, 5, 6 and 8) See Page 30	
15:30 – 16:00	TEA BREAK	
16:00 – 17:20	PUBLIC HEALTH PLENARY Chair: Dr. Chipepo Kankasa Co-Chair: Dr. Victor Mukonka	Theatre Hall
16:00 – 16:20	Sponsor Speech- Abbot (10 minutes) Sponsor Speech- BD Zambia (10 minutes)	Theatre Hall
16:20 – 16:40	Prevalence and Correlates of Active Syphilis and HIV Co-Infection among persons aged 15-59 in Zambia: Results from the Zambia Population-based HIV Impact Assessment (ZAMPHIA) 2016	Hiwote Solomon, Boston University School of Public Health National Health Research Authority
16:40 – 17:00	Sepsis Prevention in Neonates in Zambia Study: Microbiology and Outcomes Associated with Bloodstream Infections	Chileshe Lukwea-Musyani, UTH
17:00 – 17:20	Artemisinin-based combination treatment during pregnancy, outcome of pregnancy and infant mortality: a cohort study	Michael Nambozi, TDRC
17:20	END OF DAY	
18:30 – 19:30	COCKTAIL HOUR FOR INVITED GUESTS	

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DAY 2: TUESDAY 16th October, 2018 – 14:00 to 15:30

Breakaway Session Options

Theatre Hall

INDIGENOUS KNOWLEDGE SYMPOSIUM

Theme: Harnessing Indigenous Knowledge Systems for Novel Drug Development in Zambia; The case of *Steganotaenia araliacea* (SAE) *hochst* in obstetrical care

Chair: Prof. Fastone M. Goma | **Co-Chair:** Christian Ezeala

Dr. David Chuba, PhD

Botanical Identification, Specimen Collection and Herbarium Curation of Indigenous Knowledge System Derived Plants

Dr. James Nyirenda, PhD

Extraction, Phytochemical Analysis and Chemical Characterization of the Root Extract of *S.araliacea*

Dr. Lukubi Lwiindi, MSc

Demonstration of Uterotonic Activity and Elucidation of Possible Mechanism of Action of Extract of *S.araliacea* roots on Rat Uterus

Dr. Christian C. Ezeala, PhD

Pre-clinical Toxicology and Biochemical Evaluation of Crude *S.araliacea* root extract in Wister Rats

Prof. Fastone M. Goma, PhD

Drug ability of the Root Extract of *S.araliacea* for Use in Obstetric Care

Room

HIV/AIDS TECHNICAL UPDATE SYMPOSIUM

Conference Room 1

Theme: Reaching Adults

Chair: Dr. Robb Scheneberger | **Co-Chair:** Dr. Simon Agolory

Dr. Tadesse T. Mekonen, Avacare Health Group

HIV Treatment Recommendations in Sub Saharan Africa: The Emerging Evidence and Public Health Dilemmas

Dr. Sombo Fwoloshi, UTH

Dolutegravir and EFV400 Use in Zambia

Dr. Lloyd Mulenga, UTH

How Do We Transition from EFV or NVP to DTG?

Dr. Aggrey Mweemba

The Role Tenofovir Alafenamide in Zambian Guidelines

Lubinda Nyambe, CHAI

Supporting the TLD Transition Process: Sharing Lessons

Dr. Cassidy Claassen, University of Maryland

Technical Updates from the AIDS Conference

DAY 2: TUESDAY 16th October, 2018 – 14:00 to 15:30
Breakaway Session Options

HIV/AIDS TECHNICAL UPDATE SYMPOSIUM

Room
Conference Room 2

Theme: Reaching Children

Chair: Dr. Chipepo Kankasa | **Co-Chair:** Dr. Gloria Munthali

Dr. Annie Mwila, CDC

Progress in finding children (BY PROVINCE, DISTRICT). Current strategies and way forward

Dr. Prisca Kasonde, ICAP

The quality improvement collaborative to increase access to infant

Prudence Haimbe, CHAI

Pediatric HIV Change Package | Baseline Data Findings

Dr. Suilanji Sivile, University of Maryland

Understanding the WHO Interim Guidance on Treatment of Children and Dolutegravir in Children

Dr. Mwiya Mwiya, UTH

Once daily Abacavir (ABC) based regime

Pediatric Third Line:

- **Dr. Sam Miti, Arthur Davison Children's Hospital**
ADH Experience
- **Dr. Ginwala Rokaya-Lakhi, UTH**
UTH Experience
- **Dr. Robert Fubisha, Livingston Central Hospital**
Livingstone Experience

Doreen Shempela, CHAZ

The first and second 90: We are leaving babies behind

DAY 2: TUESDAY 16th October, 2018 – 14:00 to 15:30
Breakaway Session Options

	Room
ORAL PRESENTATIONS	Conference Room 3
Theme: Communicable Disease	
Chair: Dr. Sebastian Hachizovu Co-Chair: Dr. Nathan Kapata	
Winnie Mwanza, ZAMBART	
Evaluation of Smear Conversion Rates, Predictors of Smear Non-Conversion and Challenges of Tb Treatment Monitoring in the Absence of Routine Culture	
Reggison Phiri, UNZA	
Prevalence of Glucose- 6-Phosphate Dihydrogenase Deficiency (G6PD) and Subclinical Gametocytaemia Among Adults and Children in High And Low Malaria Transmission Zones of Zambia	
Javan Chanda, UNZA	
High Insecticide Resistance and Parasite Infection Rates in Major Vectors of Malaria: Implications for Malaria Elimination Programme in Luapula Province of Zambia	
Belinda Varaidzo Chihota, CIDRZ	
Hepatitis B Virus (HBV) functional cure among art-treated HIV-HBV coinfecting Zambian adults	
Conceptor Mulube, PATH	
Monitoring Parasite Infection Rates in field Mosquitoes using Molecular Tools in Areas Targeted for Malaria Elimination, Southern Zambia	
Limonty Simubali, Macha Research Trust	
Comparison of Indoor and Outdoor Collection of Anopheline Mosquitoes in Macha, Southern Zambia	

DAY 2: TUESDAY 16th October, 2018 – 14:00 to 15:30

Breakaway Session Options

ORAL PRESENTATION

Room
Conference Room 4

Theme: Non-Communicable Disease

Chair: Dr. Kennedy Lishimpi | **Co-Chair:** Dr. Paul Kelly

Sponsor Speech- Jhpiego

Kasonde Bowa, Copperbelt University SOM

Pulse pressure as a predictor of Erectile Dysfunction

John Musuku, UTH

Prevalence of rheumatic heart disease in Zambian school children

Francis Dien Mwansa, Ministry of Health, UNZA

A Descriptive Analysis of the Breast, Cervical and Prostate Cancer Patients from the Zambia National Cancer Registry, 2008 -2015

James Chipeta, UNZA SOM

Spectrum of Primary Immune Deficiency among children seen at a Tertiary Care Hospital in a resources-limited Developing Country with high HIV Prevalence.

Violet Kayamba, UNZA

The Presence of Blood in Gastric Juice: A Sensitive Marker of Gastric Cancer in Poor Resource Settings.

ORAL PRESENTATIONS

Room
Conference Room 5

Theme: Reproductive, Maternal, Neonatal, Child Health & Nutrition

Chair: Dr. Duncan Chanda | **Co-Chair:** Dr. Cephas Sialubanje

Mwewa Kasonde, UNZA

Effects of the Injectables, Pills, and Male Condom on total fertility rate in Zambia: Evidence from the 2013-14 Zambia Demographic and Health Survey

Rachel Thomas, UTH

Case Report: LPV/r Intolerance Leading to LPV/r Resistance, Clinical Failure and Successful Viral load Suppression with DTG

Lwimba Kaunda, UNZA

Potential of Ketofol to Provide Adequate Sedation and Analgesia in Women Undergoing Manual Vacuum Aspiration of Retained Products of Conception in Emergency Department at the University Teaching Hospitals, Lusaka, Zambia

Archana Patel, UNZA/Lusaka Children's Hospital-UTH

Closing the Epilepsy Treatment Gap: A Paediatric Epilepsy Education Initiative for Primary Care Providers in Zambia

Patricia Mupeta Bobo, MOH

The morbidity and mortality pattern of malaria in children in a very low transmission setting: a cross sectional study

DAY 2: TUESDAY 16th October, 2018 – 14:00 to 15:30

Breakaway Session Options

	Room
ORAL PRESENTATIONS	Conference Room 6
Theme: Cross-Cutting Health Issues	
Chair: Ms. Lakie Kalyapu Co-Chair: Dr. Jonas Mwale	
David Hamer, Boston University	
Impact of the Zambia Sanitation and Hygiene Program on Sanitation, Hygiene and Stunting in Rural Zambia	
Lloyd Mulenga, UNZA, UTH, MOH	
Insulin Resistance is Associated with Higher Plasma Viral Load Among HIV-Positive Adults Receiving Longer-Term (1 Year) Combination Antiretroviral Therapy (ART)	
Paul C. Hewett, Population Council	
Assessment of impact of a cluster randomized girl's empowerment program on HSV-2 and HIV incidence among vulnerable adolescent girls in Zambia	
Kelvin Kapungu, TDRC	
Zambian miners' perceptions of self-efficacy, social influence, and barriers to accessing TB services	
TB SYMPOSIUM 2	Room
	Conference Room 8
Theme: Burden of TB in Zambia and Active Case Finding	
Chair: Dr. Patrick Lungu Co-Chair: Dr. Alwyn Mwinga	
Dr. Alwyn Mwinga, ZAMBART	
Role of Community in TB	
Dr. Rhehab Chimzizi	
Community-based active TB case finding in Kanyama community	
Dr. Helen Ayles	
Household TB Screening in PopART	
Dr. Monde Muyoyeta	
Community vs Facility-based active case finding: Lessons from TB REACH project	
Prof. Bellington Vwalika	
TB in ovaries	
Ms. Sisa Hatwiinda	
Active TB case finding and prevention therapy in vulnerable populations: Prisoners and PLHIV	
Dr. Chishala Chabala	
TB in Children	



15th – 17th October 2018
Government Complex
Lusaka, Zambia

DAY 3

DAY 3: WEDNESDAY 17th October, 2018

TIME	TOPIC	PRESENTER	Venue
07:00 – 08:30	CHECK-IN		
08:30 – 08:40	Recap of Day 2	Conference Chairs	Theatre Hall
08:40 – 9:00	Key Speech	Dr. Roma Chilengi, CIDRZ	Theatre Hall
09:00 – 09:20	Key Speech	TBD	Theatre Hall
09:20 – 09:50	TRADITIONAL MEDICINE PLENARY Chair: Dr. Godfrey Biemba, Co-Chair: Dr. Nanthalile Mugala		
09:20 – 09:50	A Phase I single blind, randomized, placebo controlled, parallel group study to investigate the safety and tolerability of SF2000SD (an extract from a traditional remedy) in healthy male volunteers in Zambia	Dr. Ray Handema, TDRC	Theatre Hall
09:50 – 10:10	TEA BREAK		
10:10 – 11:30	PUBLIC HEALTH PLENARY Chair: Prof. James Chipeta, Co-Chair: Dr. Victor Mukonka		
10:10 – 10:30	Sponsor Speech- PATH Eradicate TB Project (10 minutes) Sponsor Speech- Clinton Health Access Initiative (CHAI) (10 minutes)		
10:30 – 10:50	National Health Insurance in Zambia: A Review of Other Countries	Dr. Alex Lwando, Maina Soko Military Hospital, University Teaching Hospital	Theatre Hall
10:50 – 11:10	Factors Associated with Unfavourable Tuberculosis Treatment Outcomes in Lusaka, Zambia, 2015; A Secondary Analysis of Routine Surveillance Data	Francis H Nanzaluka, Ministry of Health	Theatre Hall
11:10 – 11:30	A view into the smoke: the current debates on medical marijuana	Francis Mupeta, Zambia Medical Association	Theatre Hall
11:30 – 13:00	Concurrent Breakaway Sessions (Theatre Hall, ROOM 1, 2, 3, 4, 5, 6 and 8) See Page 41		
13:00 – 14:00	LUNCH		
14:00 – 15:00	POSTER SESSION (SEE PAGE 52)/ TEA BREAK		Foyer

DAY 3: WEDNESDAY 17th October, 2018

15:00 –16:30	Concurrent Breakaway Sessions (Theatre Hall, ROOM 1, 2, 3, 4, 5, 6 and 8) See Page 48	
16:30 – 17:30	CLOSING CEREMONY	
16:30 – 16:40	Performance	
16:40 – 17:00	Highlights of the Conference	Dr. Nzaza Nthele, MOH Prof. James Chipeta, UTH
17:00 – 17:10	Looking ahead to 2020	Dr. Godfrey Biemba, NHRA
17:10 –17:30	Closing Remarks	Permanent Secretary- Health Services, Dr. Jabbin Mulwanda

PATH
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USAID
Eradicate TB
Project



PATH is leading a consortium of partners to support Zambia’s Ministry of Health and the country’s vision of a “Nation of Healthy and Productive People.”

In May 2017, PATH signed a contract with the U.S. Agency for International Development (USAID) for the five-year Eradicate TB Project.

This project serves six provinces in Zambia - Luapula, Northern, Northwestern, Copperbelt, Muchinga, and Central. Our work focuses on four priority areas:

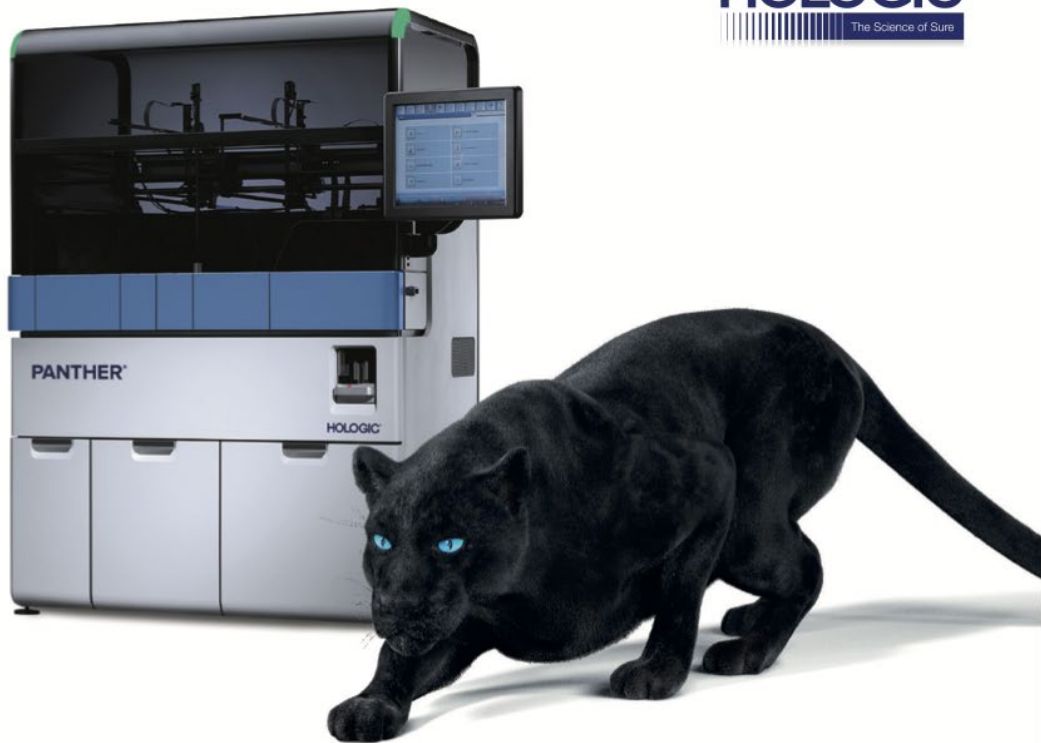
1. Pursue high-quality directly observed treatment, short-course (DOTS) expansion and enhancement.
2. Address TB-HIV, MDR-TB, and the needs of poor and vulnerable populations in the six target provinces.
3. Engage all categories of providers.
4. Enable and promote research

Since the project began, we’ve realized many achievements including:

1. Training of 450 health care workers in TB case management
2. Training of 19 health care workers in TB operational research.
3. Conducting of mass TB screening in correctional facilities and training of correctional service staff in TB case management
4. Procurement and installation of critical supplies including 10 GeneXpert machines and 50 LED Florescent Microscopes

We look forward to a continued partnership with Zambia’s Ministry of Health and USAID in the fight to reduce TB-mortality. For more information about this project or to learn how you can partner with us, please contact Dr. Joseph Nikisi at jnikisi@path.org.





Automated workflow flexibility

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- Assay menu consolidation enables simultaneous testing of HIV and common co-infections (HCV, HBV, HPV)
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DAY 3: WEDNESDAY 17th October, 2018 – 11:30 to 13:00
Breakaway Session Options

CIDRZ SYMPOSIUM

Theatre Hall

Chair: Dr. Izukanji Sikazwe | **Co-Chair:** Dr. Kennedy Malama (PS (A) MOH)

Drs. Roma Chilengi, Jenala Chipungu, & Anjali Sharma

The Status of Cholera and WASH in Zambia: Perils, Pitfalls, and Progress

HIV/AIDS TECHNICAL UPDATE SYMPOSIUM

Room
Conference Room 1

Theme: Viral load and EID scale up

Chair: Dr. Aaron Shibemba | **Co-Chair:** Dr. Samuel Yingst

Dr. Aaron Shibemba/Mrs. Fales Mwamba, UTH/MOH

VL and EID country update

Dr. Aaron Shibemba, UTH

Platforms and Reagent Rentals

Mrs. Fales Mwamba, MOH

Update on Point Care VL and EID Instruments

Bright Kulukulu & Dennis Musatwe, EGPAF

POC EID Study Update

Dr. Annie Mwila, CDC

Prioritizing Children for Viral Load testing

Dr. Aaron Shibemba, UTH

VL routine testing coverage: status of progress in the last 12 months, by province, district & challenges from lab and program perspectives

Dr. Samuel Yingst, CDC

Coordinating Transportation of Specimens

Dr. Samuel Yingst, CDC

DBS for Viral Load Testing, Is it a feasible Alternative?

Dr. Lilian Chinyanganya, EQUIP

Viral Load Cascade monitoring for quality service delivery: Lab and Clinical Cascade

DAY 3: WEDNESDAY 17th October, 2018 – 11:30 to 13:00
Breakaway Session Options

HIV/AIDS TECHNICAL UPDATE SYMPOSIUM **Room**
Conference Room 2
Theme: Viral load and EID scale up
Chair: Dr. Lloyd Mulenga | **Co-Chair:** Mrs. Fales Mwamba

Linda C Mwila, Catholic Relief Services
Tracking of VL and EID results to improve coverage; CRS experience

Dr. Lilian Chinyanganya, EQUIP
Optimized Viral Load Courier

Namwaka Mulenga, CHAI
Partnerships to foster Increasing VL/EID coverage in Zambia

Ms. Lucy, EQUIP
eLABs Digital Application to Improve Turn Around Time

Dr. Marisha Meyer, BD Life Sciences
Plasma Preparation Tubes (PPTs) for Sample Collection, Plasma Preparation and Transportation

Mwelwa Phiri, Churches Health Association of Zambia
Lessons Learnt: Reaching the second 90 in the HPTN 071/ PopART Intervention in Zambia

Theme: Scaling Up Resistance Testing in The Public Sector
Chair: Dr. Lloyd Mulenga | **Co-Chair:** Dr. Clement Gondwe

Dr. Aaron Shibemba, UTH/ MOH
National Overview and Sample Referral

Dr. Clement Gondwe, UTH
UTH Perspective

Mangani Zulu, Arthur Davison Children's Hospital
ADH Perspective

Dr. Ranjit Warriar, CIDRZ
CIDRZ Perspective

Mr. Mpanji Siwingwa, UTH
DBS for Resistance Testing, Is at a feasible Alternative?

DAY 3: WEDNESDAY 17th October, 2018 – 11:30 to 13:00
Breakaway Session Options

HIV/AIDS TECHNICAL UPDATE SYMPOSIUM **Room**
Conference Room 3
Theme: HIV Program Management
Chair: Dr. George Sinyangwe | **Co-Chair:** Dr. Ahmed Saadani

Dr. Robert Chiegil, FHI 360

Implementing Total Quality Leadership and Accountability to accelerate HIV program results in Zambia

Dr. Michael Chanda, USAID SAFE

Total Quality Management in ART Programming

Dr. Henry Phiri, MoH

ARV Data Audit

Dr. Michael Chanda, USAID SAFE

Unlocking the Private Sector Potential Towards Epidemic Control through Public Private Partnership, USAID SAFE Experience

Mr. Frank Chirowa, EQUIP

Daily HIV Program data Monitoring for Rapid Decision Making

Peter Lesiak, EQUIP

The Digital Health Worker QODE

Ivin Chibanda, EQUIP

Optimizing of Supply Chain for Commodity Security in a vast rural province: Case of Northern Province

DAY 3: WEDNESDAY 17th October, 2018 – 11:30 to 13:00
Breakaway Session Options

ORAL PRESENTATIONS

Room
Conference Room 4

Theme: Non-Communicable Disease

Chair: Ms. Nosiku S. Munyinda | **Co-Chair:** Dr. Ray Handema

Violet Kayamba, UNZA

Late Gastric Cancer Diagnosis In Zambia Is Not Only Due To Delayed Patient Presentation

Ornella Ciccone, University Teaching Hospital- Children's Hospital, University of Zambia- School of Medicine

Electroencephalogram Findings among Zambian Children: Clinical Correlation and Use of Antiepileptic drugs

Paul Kelly, UNZA SOM

Tryptophan, glutamine and leucine supplementation increases villus height but does not improve barrier dysfunction in Zambian adults with environmental enteropathy: a randomised controlled trial

Lawrence Mwananyanda, Right To Care / Boston University

Effect of chlorhexidine bathing on neonatal bloodstream infections and mortality at a large neonatal intensive care unit in Lusaka, Zambia

Clayton Buback, Doris Duke Charitable Foundation and School of Medicine and Dentistry, University of Rochester

Estimating the Period Prevalence of Non-Convulsive Status Epilepticus among Comatose Adults at the University Teaching Hospital in Lusaka, Zambia

DAY 3: WEDNESDAY 17th October, 2018 – 11:30 to 13:00

Breakaway Session Options

	Room
ORAL PRESENTATIONS	Conference Room 5
Theme: Communicable Disease	
Chair: Dr. Aaron Mujajati Co-Chair: Dr. Kwame Shanaube	
Sponsor Speech- FHI 360	
Kabema Evans Mwape, UNZA	
Taenia solium in Zambia: Time for control and/or elimination	
Priscilla Kapombe, UNZA	
Comparison of Antimicrobial Resistant Neisseria gonorrhoea in Ceftriaxone vs Ciprofloxacin Using Multinomial/Proportional Odds Model, at the University Teaching Hospital in Lusaka, Zambia	
Esther Tatenda Zulu, American Institutes for Research	
Impact of the HIV prevention tool “Join-In-Circuit on AIDS, Love & Sexuality” in Zambia	
Chiti Bwalya, Zambart	
“It was a very easy test for him ... in fact he loved it”: Men’s experiences and competencies with door-to-door secondary distribution of HIV self-test kits, in four HPTN 071 (PopART) study communities.	
Aldina Mesic, Innovations for Poverty Action	
Facilitators and barriers to adherence to antiretroviral therapy and retention in care among adolescents living with HIV/AIDS in Zambia: A mixed methods study	

DAY 3: WEDNESDAY 17th October, 2018 – 11:30 to 13:00

Breakaway Session Options

ORAL PRESENTATIONS

Room
Conference Room 6

Theme: Health Systems

Chair: Mr. Solomon Kagulura | **Co-Chair:** Dr. Victor Chalwe

Sponsor Speech- VL HealthNet Services

Steve Belemu, Zambart

From Principles to Action: Stakeholder Engagement in a community- based cluster randomized trial, the HPTN 071 PopART trial

Chitalu Chama-Chiliba, UNZA

Effects of Performance based financing on facility accountability and autonomy: Evidence from Zambia

Wilbroad Mutale, UNZA

Assessing capacity and readiness to manage NCDs in primary care setting: Gaps and opportunities based on adapted WHO PEN tool in Zambia

Clement Nchimunya Moonga, CIDRZ

The health system accountability impact of prison health committees in Zambia

Thandiwe Ngoma, Right to Care- Zambia

Financial sustainability of maternity waiting homes: evaluation of a four-pronged strategy in rural Zambia

DAY 3: WEDNESDAY 17th October, 2018 – 11:30 to 13:00
Breakaway Session Options

TB SYMPOSIUM 3

Room
Conference Room 8

Chair: Dr. Joseph Nikisi | **Co-Chair:** Dr. Patrick Lungu

TB Screening During Special Events:

Dr. Joseph Nikisi, Chief of Party, Eradicate TB Project

World TB Day and Child Health Week

Dr. Mwendaweli Maboshe, Chief of Party, Challenge TB Project

World TB Day

Dr. Patrick Lungu, MOH

National Health Week

TB Diagnostics:

Dr. Duncan Chanda, UTH/ UNZA SOM

Diagnosis of TB

Dr. Maboshe, Challenge TB Project

Gene Xpert Connectivity

Other TB-related Presentations:

Dr. Mateyo

Sequalae of TB

Dr. Henry Phiri, MOH/ Dr. Patrick Lungu, MOH

Isoniazid Presumptive Treatment (IPT)

Dr. Patrick Lungu, MOH

Focus for research in TB

DAY 3: WEDNESDAY 17th October, 2018 – 15:00 to 16:30

Breakaway Session Options

CHAI SYMPOSIUM

Theatre Hall

Theme: Bridging the Gap Between Research and Policy: Evidence generation and Use on Safe Childbirth, Road Safety, and Retention in HIV Care

Chair: Ms. Hilda Shakwelele

Conveners: Dr. A. Silumesii (MOH), Dr. F.D. Mwansa (MOH), Dr. A. Mwiche (MOH), Dr. T. Chisenga (MOH), Dr. G. Munthali (MOH), Mr. C. Kanchele (RTSA), S. Mudhune (CHAI), P. Haimbe (CHAI), H. Shakwelele (CHAI)

Room

HIV/AIDS TECHNICAL UPDATE SYMPOSIUM

Conference Room 1

Theme: Fast tracking Elimination of Mother to Child Transmission of HIV

Chair: Dr. Chipepo Kankasa | **Co-Chair:** Dr. Lastone Chitembo

Dr. Joseph Simbaya, UNZA

Outcome of the MTCT Impact Study

Dr. Maureen Simwenda, USAID SAFE

Mentor Mothers Model: Copperbelt and Central Provinces

Panel Discussion (Dr Priscilla Lumano-Mulenga, Dr Sarai Malumo, Dr Keith Mweebo, Dr Msangwa Sinjani, Dr Sitali Maswenyeho, Ms Gwen Yondela, Mr Chimuka Sianyinda)

- What is the EMTCT Roadmap?
- Where are we?
- What is Duo Elimination?
- What are the Next Steps?

Room

HIV/AIDS TECHNICAL UPDATE SYMPOSIUM

Conference Room 2

Theme: Managing HIV Comorbidities

Chair: Dr. Richard Nsakanya | **Co-Chair:** Dr. Shabir Lakhi

Dr. Izukanji Sikazwe, CIDRZ

Mortality Data Report—Screening for Infections

Dr. Sharon Kapambwe, MOH

Cervical Cancer Screening and linkage to HIV Treatment Services

Dr. Mutumba Songiso, Matero First Level Hospital

Integration of Breast Cancer in a Cervical Cancer Platform

Dr. Aggrey Mweemba, UTH

Screening for DM, HTN and Kidney Diseases in HIV

Dr. Mwanza wa Mwanza, CIDRZ

Strategies for Improving Linkages

Dr. Savory, CDC

Characterizing the last mile (Exactly who are we missing in the CDC, CIDRZ and MOH Program)

Zambia's 8th Health Research Conference & 12th Annual HIV Technical Conference

www.nhra.org.zm/zhrc2018

DAY 3: WEDNESDAY 17th October, 2018 – 15:00 to 16:30
Breakaway Session Options

ORAL PRESENTATIONS

Room
Conference Room 3

Theme: Biomedical & Laboratory Sciences

Chair: Dr. James Mwansa | **Co-Chair:** Dr. Aaron Shibemba

Lumamba Mubbunu, Copperbelt University

A prospective study to review the weight of important internal organs compared to that of text book values at Ndola Teaching Hospital: A case study of 100 specimens.

John Mwaba, CIDRZ

Molecular characterization of Cryptococcus species detected directly from cerebral spinal fluid samples in Zambia using PCR-sequencing method

David Ojok, CIDRZ

Continuous monitoring of sample acceptance rates and training of clinic personnel involved in sample collection reduced laboratory specimen rejection rates at a reference laboratory in Zambia annually over a 4-year period

John Mwaba, UTH/CIDRZ/UNZA -School of Health Sciences

Evaluation of the SD Bioline Cholera Rapid Diagnostic Test During the 2016 Cholera Outbreak in Lusaka, Zambia

Simeon Sikwiya, UNZA/ CIDRZ

Assessment of Environmental Factors Associated with Endemic Cholera in Lukanga Swamps of Kapiiri Mposhi District in Central Province of Zambia from 2010 to 2016.

Mulenga Mwenda-Chimfwembe, PATH/MACEPA

Is zero really zero? Molecular surveillance in areas approaching malaria elimination in Southern Province, Zambia

DAY 3: WEDNESDAY 17th October, 2018 – 15:00 to 16:30

Breakaway Session Options

ORAL PRESENTATION

Room
Conference Room 4

Theme: Public Health

Chair: Dr. Abdi Mohamed | **Co-Chair:** Prof. Seter Siziya

Ben Katowa, Macha Research Trust

Using Parasite DNA from Rapid Diagnostic Tests (RDTs) to Track Malaria in a Low Transmission Setting in Southern Zambia

Mwiche Musukuma, UNZA

Application of Multiple Imputation Techniques on Short-Term Clinical Outcomes of Patients with Traumatic Spinal Cord Injuries Who Presented at the University Teaching Hospital in Lusaka in the Period 2013-2017

Violet Kayamba, UNZA

An Assessment of Gastric Cancer Risk Factors In Zambia

Izukanji Sikazwe, CIDRZ

A Streamlined ART Initiation Algorithm of Care reduces Time to ART Initiation

Anne Martin, Akros

A disruptive cue improves handwashing in school children in Zambia

Flor Melendez, JHU AMHR/ SHARPZ

Randomized Controlled Trial of a Multi-Pronged Intervention to Address Prevention of Violence in Zambia

ORAL PRESENTATIONS

Room
Conference Room 5

Theme: Reproductive, Maternal, Neonatal, Child Health & Nutrition

Chair: Dr. Christine Manyando | **Co-Chair:** Dr. Maureen Chisembele

Katayi Mwila-Kazimbaya, CIDRZ, UNZA

Effect of innate antiviral glycoproteins in breast milk on seroconversion to rotavirus vaccine (Rotarix) in children in Lusaka, Zambia

Nelia Mulambya Langa, ZNPHI

Trends and factors associated with pneumonia among under five children in Zambia

Kwame Shanaube, ZAMBART

Coverage against the UNAIDS 90-90-90 targets among adolescents in the HPTN 071 (PopART) trial

Margaret Kasaro, UNC Global Projects Zambia

Field performance evaluation of dual rapid HIV & syphilis tests in three antenatal care clinics in Zambia

Simon Mutembo, Ministry of Health- Zambia

Identification of immunity gaps to measles and rubella in southern Zambia: Added value of linking a serological survey with a post-campaign coverage evaluation survey

Joseph Chirwa, Macha Research Trust

An Evaluation of Mental Health Status for Orphans and Vulnerable Children affected by HIV/AIDS in rural Zambia.

Zambia's 8th Health Research Conference & 12th Annual HIV Technical Conference

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DAY 3: WEDNESDAY 17th October, 2018 – 15:00 to 16:30
Breakaway Session Options

ORAL PRESENTATIONS **Room**
Conference Room 6
Theme: Reproductive, Maternal, Neonatal, Child Health & Nutrition
Chair: Dr. Angel Mwiche | **Co-Chair:** Dr. Moses Sakala

Cephas Sialubanje, Ministry of Health/Harvard University, School of Public Health
Exploring the User and Provider Perspectives on the Quality of Antenatal and Postnatal Care in Rural Zambia

Carlos Acero, Innovations for Poverty Action
Evaluating the Impacts of Home-Based Growth Charts and Community Monitoring on Stunting in Zambia

Matimba Dindi, Lusaka Children's Hospital
Prevalence of Tuberculosis in HIV Exposed Neonates admitted to the University Teaching Hospital Lusaka

David Mulemena, UNZA
Fertility Intentions among HIV-positive women in Zambia: Evidence from Demographic and Health Survey 2013- 2014.

Ackson Tyson Mwale, UNZA
Women's empowerment and use of maternal health services in Zambia in 2010s

Tamika Nakawala, UNZA
Trends and determinants of under-weight children in Zambia –evidence from 2002, 2007 and 2014 Zambia Demographic Health Survey

**DAY 3: WEDNESDAY 17th October, 2018 | POSTER
PRESENTATIONS
14:00 – 15:00**

PRESENTER AFFILIATION	TITLE	TOPIC CATEGORY
Thandiwe Ngoma, Right to Care- Zambia	The influence of intra-familial relationships on the utilization of maternity waiting homes in rural Zambia: a qualitative analysis	Reproductive, Maternal, Newborn, Child, Adolescent Health & Nutrition
Muttau Nobutu, CIDRZ	Kangaroo Mother Care for Low Birth Weight Infants: A Descriptive Study from the University Teaching Hospital, Zambia	Reproductive, Maternal, Newborn, Child, Adolescent Health & Nutrition
Francis Hamangaba, Macha Research Trust	HIV drug resistance among HIV-infected children receiving care in rural Zambia	Reproductive, Maternal, Newborn, Child, Adolescent Health & Nutrition
Mathias Muleka, Macha Research Trust	Factors influencing HIV disclosure among HIV-infected children receiving care in rural Zambia	Reproductive, Maternal, Newborn, Child, Adolescent Health & Nutrition
Monica Mutesa, PATH	A systems-based approach to integrating ECD into the health sector at scale: PATH's experiences from Kenya and Mozambique	Health Systems
Brave Katemba, Zambia National Public Health Institute	Demand side factors associated with quality antenatal care services in Zambia: A case study of Lusaka district.	Reproductive, Maternal, Newborn, Child, Adolescent Health & Nutrition
Nkumbula Moyo, Macha Research Trust	Performance characteristics of the LYNX p24 antigen point-of-care test for early infant diagnosis of HIV	Reproductive, Maternal, Newborn, Child, Adolescent Health & Nutrition
Happy Kamatha, Macha Research Trust	Challenges of implementing a point-of-care test for early infant diagnosis of HIV infection in rural Zambia	Reproductive, Maternal, Newborn, Child, Adolescent Health & Nutrition
Mwango Mutale, Ministry of Health- Western Provincial Health Office	Health Workers' Experiences with the use of SmartCare for decision-making in Mongu and Limulunga districts of Western Province of Zambia	Novel/Innovative/Discovery Health Research
Harry Hamapumbu, ICEMR	Enhancing bed net use by periodical bed net monitoring may help achieve the goal of malaria elimination by 2021	Communicable Diseases
Titus Haakonde, Evelyn Hone College of Applied Arts and Commerce	Assessment of Factors Affecting the Implementation of the Integrated Disease Surveillance and Response in Public Health Care Facilities – The Case of Rufunsa District, Zambia	Health Systems
Emile Efronson, AidData	Using Data to Drive Decision-making and Strengthen Health System Responses to HIV/AIDS in Zambia	Health Systems
Chilochibi Chiziba, Jhpiego	Increasing uptake of Voluntary Medical Male Circumcision (VMMC) among 15-29 year old clients	Communicable Diseases

**DAY 3: WEDNESDAY 17th October, 2018 | POSTER PRESENTATIONS
14:00 – 15:00**

Mary Namukoko, Jhpiego	PrePex™ Male Circumcision Active Adverse Event Surveillance Cascade in Zambia, Including Tetanus Vaccinations	Non- Communicable Diseases
Sydney Mwanza, TDRC	The epidemiology of Influenza in Ndola District of Zambia	Communicable Diseases
Grace Mwikuma, BMSZ	Molecular Identification of Non-Tuberculous Mycobacteria Isolated from Clinical Specimens in Zambia	Biomedical & Laboratory Science
Sandra Chishimba, PATH-MACEPA	Genetic characterization of P. falciparum infections over time in the Community-led Responses for Elimination (CoRE) study, Southern Province, Zambia	Biomedical & Laboratory Science
Javan Chanda, PATH	Entomological Evaluation of an Attractive Targeted Sugar Bait for Potential use in Malaria Prevention in Western Province, Zambia	Communicable disease
Edford Sinkala, UNZA SOM	Rifaximin Reduces Markers of Inflammation and Bacterial 16S rRNA in Zambian Adults with Hepatosplenic Schistosomiasis: A Randomised Control Trial	Non-communicable disease
Chituwo Omega, CDC	Profile of the uncircumcised Zambian Man	Social determinants of Health
Albert Manasyan, CIDRZ	Preterm Resourced, Education, and Effective Management for Infants: The PREEMI Study	Reproductive, Maternal, Newborn, Child, Adolescent Health & Nutrition
Mulenga Mukanu, UNZA SOM	Scoping review of research on non-communicable diseases in Zambia	Non-communicable disease
Jay Sikalima, TDRC	Severe Malarial Anemia and in-hospital mortality in Zambian Children with and without blood transfusion	Communicable disease
Kalongo Hamusonde, Jhpiego Zambia Country Office	Impact of the Regulatory Health Workforce Information System in Zambia	Health Systems Strengthening
Ngula Monde, TDRC	Characterization of Non-tuberculous Mycobacterium from Humans and Water in an Agropastoral area in Zambia	Communicable disease
Josh Suresh, Institute for Disease Modeling	Defining the intervention requirements for elimination in the Lake Kariba region using a spatial model of malaria transmission	Communicable disease

DAY 3: WEDNESDAY 17TH October, 2018 | POSTER PRESENTATIONS
14:00 – 15:00

Joseph Rosen, Population Council	Compounded Household Stigma among Young People and Their Caregivers Living with HIV: Challenges and Opportunities to Reaching 90-90-90 in Zambia	Communicable disease
Edith Namukonda, Population Council	Correlates of Comprehensive HIV Knowledge among Caregivers of Young People Living with HIV: Findings from a Baseline Assessment in Eastern and Central Provinces of Zambia	Communicable disease
Sydney Mwanza, TDR	Geospatial mapping of current and former mineworkers in a high incidence TB setting – Zambia	Communicable disease
Patrick Makelele, FHI 360	HIV Testing Optimization and Antiretroviral Therapy Initiation in a Tertiary Hospital: Case of Ndola Teaching Hospital, Zambia	Communicable disease
Jenala Chipungu, CIDRZ	Unravelling the Factors Affecting the Success of a Behavioural Intervention Targeted at Improving Peri-Urban Sanitation in Lusaka, Zambia	Health Promotion
Jenala Chipungu, CIDRZ	Understanding linkage to care with HIV self-test approach in Lusaka, Zambia - A mixed method approach	Communicable disease
Rachel Banay, Ideas42, Population Council	Barriers to Respectful Care During Facility-Based Birth in Chipata District, Zambia	Reproductive, Maternal, Newborn, Child, Adolescent Health & Nutrition

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