

9th ZAMBIA HEALTH RESEARCH CONFERENCE

*“Achieving Universal Health Coverage through
Research Innovations, Technology, and Knowledge
Management”*

Virtual Conference

SCIENTIFIC PROGRAMME



Republic of Zambia
Ministry of Health



A Virtual Conference Organized by the National Health Research Authority, Paediatric Centre of Excellence, University Teaching Hospitals, Lusaka, Zambia

IMPORTANT INFORMATION

Conference Website: <https://www.nhra.org.zm/zhrc2020>

If you need assistance, contact: Conference managers listed below

To provide feedback, please complete the Conference Survey:
www.nhra.org.zm/conference-survey2020

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Welcome from 9th Zambia's Health Research Conference

Dear Colleagues,

It is our distinct pleasure to welcome you all to the 9th Zambia Health Research Conference and wherever you are joining us from. As you may be aware, the COVID19 pandemic has accelerated with a spike in cases, including severe cases and deaths worldwide. With this background, the 9th Zambia Health Research Conference is being hosted VIRTUALLY in order to safeguard the conference delegates while achieving the goal of facilitating dissemination of research results and program information.

The theme of this year's 9th Zambia Health Research Conference is "*Achieving Universal Health Coverage through Research Innovations, Technology, and Knowledge Management*". Our commitment, this year and for future conferences is 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 will 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,

Conference Chairpersons



Professor Godfrey Biemba
Conference Organizing Co-Chair
9th Zambia Health Research
Conference



Dr. Chipepo Kankasa
Conference Organizing Co-Chair
9th Zambia Health Research
Conference



Featured Key Speakers

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

Hon. Minister, MP Dr. Chitalu Chilufya a medical doctor by training. He studied a Bachelor of Medicine and Surgery at the University of Zambia. Prior to joining politics, he worked at various levels of management in the health sector mostly in the rural areas 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.



Dr. Kennedy Malama, Permanent Secretary- Technical Services –

Dr. Kennedy Malama a medical doctor by training. He studied a Bachelor of Medicine and Surgery at the University of Zambia and has worked for the past 24 years in the Zambian Public Health Care System holding various positions at district, Provincial and now national level as Permanent Secretary in the Ministry of Health. He holds a Master's degree in Public Health from the University College of Dublin in Ireland obtained in 1999. He has obtained several certificates including Health Systems Strengthening, Health Care Management, Financing and Development.

In August 2017, His Excellency the Republican President of Zambia appointed him as Permanent Secretary of the Ministry of Health (Chief Executive Officer) the position he currently holds.

SPEAKER PROFILES



DR. VICTOR MUKONKA

Medical Doctor and holder of PhD in Public Health from University College Dublin in Ireland.

Dr Victor Mukonka is the current Director of the Zambia National Public Health Institute and interim coordinator of the Southern Africa Regional Collaborating Center for the Africa CDC. He is public health practitioner with over 30 years' experience in management at all levels of the health system in Zambia. He has served on various committees including a variety of technical, steering committees, working groups as well as sat on over 14 national boards.



PROF. VICTOR NEUFELD

Current portfolio: Adjunct Professor, University of Victoria
Previous portfolios: Professor Emeritus, McMaster University
National Coordinator, Canadian Coalition for Global Health Research.

Professional qualifications: MD, FRCPC



DR. ROMA CHILENGI

A Zambian physician, epidemiologist and vaccinologist currently employed as Chief Scientific Officer at the Centre for Infectious Disease Research in Zambia (CIDRZ). Research focus is on enteric disease vaccines including rotavirus, ETEC, cholera and Shigella, as well HIV vaccines. Presently he is working to validate a human infection challenge model using live oral rotavirus vaccine as the infection agent and simultaneously studying to understand differences in between natural infection in Zambia and exposure through infection challenge to naïve volunteers. He is passionate about establishing a robust human infection studies platform in Zambia for evaluating

enteric vaccines. Dr Chilengi has an adjunct faculty position as Assistant Professor, University of Alabama at Birmingham school of Medicine as well as honorary lecturer appointment at the University of Zambia, School of Public Health.

DR. KATRINA PLAMONDON



Dr. Plamondon is an Assistant Professor and Michael Smith Foundation for Health Research Scholar at the University of British Columbia, Okanagan, School of Nursing. Her program of research focuses on questions of *how* to align knowledge, intention, and action for health equity. Her clinical nursing foundations are in critical care/emergency and street outreach. With a Master of Science in Health & Epidemiology and PhD in Interdisciplinary Studies, her research extends a decade of research and practice in Knowledge

Translation with a focus on advancing health equity.



DR. WILLIAM KILEMBE

Dr. William Kilembe is a Project Director of the Center for Family Health Research in Zambia (CFHRZ) formerly known as ZEHRP. He is a medical doctor from the University of Zambia; has MSc in Clinical Trials and an MSc in Infectious Disease from London School of Hygiene and Tropical Medicine. William leads public health programs, sexual & reproductive health and infectious disease research and programs in parts of Zambia that are supported by CFHRZ. He has also been instrumental IAVI – sponsored AIDS vaccine trials conducted in Zambia and has served as PI or co-PI on various studies that have contributed to AIDS vaccine research and development. These studies include: characterization of transmitted HIV virus, identification; isolation, and characterization of broadly neutralizing monoclonal antibodies to HIV; long term follow up of previous AIDS vaccine trial participants; and studies to determine markers of disease progression in recent HIV seroconverters from cohort studies and AIDS vaccine trials. Dr. Kilembe is a CFHRZ – PI on the HIV Vaccine Trials Network (HVTN) 705 Phase 2b HIV vaccine efficacy trial and on the Globally Relevant AIDS Vaccine Europe-Africa Trials Partnership (GREAT), EDCTP funded phase 2a HIV vaccine trial.

DR. LLOYD MULENGA



Lloyd Mulenga, M.D., is the Director and Consultant Physician in the Division of Infectious Diseases, University of Zambia School of Medicine & University Teaching Hospital and Associate Director of Infectious Diseases in the Ministry of Health in Zambia. He is also an Adjunct Assistant Professor of Medicine in the Vanderbilt University School of Medicine. Dr. Mulenga has

experience working with HIV and Infectious Diseases in a variety of roles such as Director of Adult HIV Services for the Centre for Infectious Disease Research in Zambia (CIDRZ) and National Coordinator of the HIV Treatment and Care Program for the Ministry of Health.

DR. DARRELL M GRAY II



Darrell M. Gray, II, MD, MPH is an associate professor of medicine in the Division of Gastroenterology, Hepatology and Nutrition (GHN) at The Ohio State University (OSU) College of Medicine. Additionally, he serves as Deputy Director of the Center for Cancer Health Equity at OSU Comprehensive Cancer Center, Medical Director of Healthy Communities for OSU Wexner Medical Center (OSUWMC), and chair of the OSUWMC Health Equity Steering Committee. Dr. Gray is a native of Baltimore, Maryland and graduate of Morehouse College and Howard University College of Medicine. He completed his residency at Duke University Medical Center, Gastroenterology fellowship at Washington University, and public health training at the Harvard T.H. Chan School of Public Health.

DR. TYLER BERZIN



Dr. Tyler Berzin is Co-Director of GI Endoscopy, Director of the Advanced Endoscopy Fellowship at Beth Israel Deaconess Medical Center, and Assistant Professor of Medicine at Harvard Medical School. Dr. Berzin received his medical degree from Brown Medical School in 2003. He completed his internship and residency in Internal Medicine at Brigham and Women's Hospital in 2006, where he later served as chief resident, and subsequently trained in gastroenterology and advanced endoscopy at BIDMC. He joined staff at BIDMC and Harvard Medical School in 2011. Dr. Berzin has authored over 100 articles and chapters on topics including endoscopic ultrasound and ERCP, quality and safety in GI endoscopic anesthesia, and applications of artificial intelligence in endoscopy. At Harvard Medical School, he has been the recipient of numerous clinical and classroom teaching awards, including the HMS Academy Certificate of Excellence in Teaching and the Z. Myron Falchuk Award for Mentoring and Clinical Teaching

Conference Managers



SANDRA CHILENGI- SAKALA

sandra.sakala@nhra.org.zm

+260 977 533554



KUTHA BANDA-MHANGO

kutha.banda-mhango@nhra.org.zm

+260 979 142603



DOUGLAS MUSHINGWE

Douglas.mushingwe@nhra.org.zm

0978300846

Conference Committees

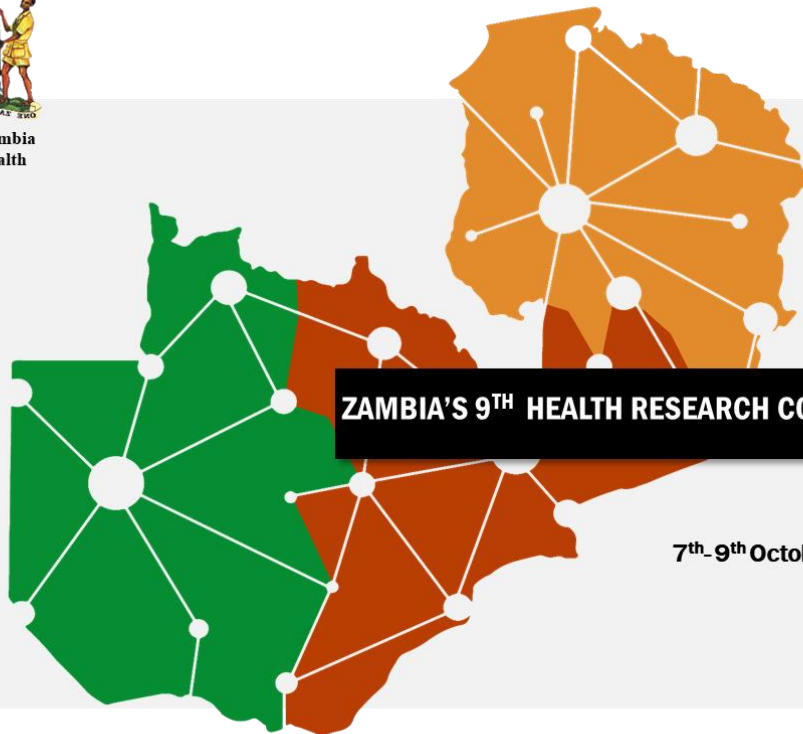
| Main Organizing Committee | Scientific Committee | Resource Mobilization | Marketing And Communications |
|----------------------------------|---------------------------------|--------------------------------|-------------------------------------|
| Dr. Godfrey Biemba (Chair) | Dr. Roma Chilengi (Chair) | Dr. Kennedy Malama (Chair) | Prof. Margaret Maimbolwa (Chair) |
| Dr. Chipepo Kankasa (Co-Chair) | Prof. Victor Mukonka | Dr. Victor Mukonka | Rose Masilani |
| Prof. Victor Mukonka | Dr. Chipepo Kankasa | Dr. Mabvuto Kango | Todd Jennings |
| Dr. Andrew Silumesi | Dr. Patricia Bobo | Dr. Rosemary Sunkutu | Mr. Ngosa Stanslous |
| Dr. Roma Chilengi | Prof. Patrick Musonda | Dr. Nathan Nsubuga Bakyaita | Ms. Nora Mweemba |
| Dr. Nathalile Mugala | Prof. Esther Nkandu Munalula | Dr. Mary Katepa Bwalya | Ms. Edna Simbay |
| Dr. Victor Chalwe | Dr. Mwansa Dien | Ms. Ohito Rhoder | Mr. Andrew Phiri |
| Dr. Angel Mwiche | Dr. Modest Mulenga | Ms. Hilda Shakwelele | Ms. Davies Chutu |
| Ms. Hilda Shakwele | Prof. Seter Siziya | Dr. Dally Menda | Ms. Chola Clara Kasapo |
| Dr. Gershom Chongwe | Mr. Aniset Kamanga | Dr. Elizabeth Chizema | Mr Davey Malinda Malinda |
| Ms Sandra Chilengi Sakala | Ms. Mazyanga Liwewe | Prof. Groesberk Paham | Mrs Matafwala |
| Ms. Kutha Banda- Mhango | Dr. Alwyn Mwinga | Dr. Prisca Kasonde | Mwiza Muwowo |
| Mr. Douglas Mushingenge | Dr Phil Thuma | Dr. Seraphine Kaminsa | Dr Mercy Imakando |
| Mr. Chipwaila Chunga | Dr. Goma Faston | Mr. Herryman Moono | Dr Christabel Phiri |
| Dr. Dande Malawo | Mr Raymond Hamonga | Dr Akwi Asombang | Dr Akwi Asombang |
| Mr. Mambo Nsazya | Dr. Lonia Mwape | Dr Nancy Kasongo | Dr Nancy Kasongo |
| Ms. Winfrida Mwenda | Dr. Christine Manyando | Tepwanji Mpetemoya | Hannah Simba |
| | Dr. Sebastian Hachizovu | Simbeya Anthony | Mrs Chidi Onyia |
| | Dr. Chila Simwanza | Limbumbu Anthony | |
| | Dr. Fusya Goma | Kasakula Kunda | |
| | Mr. Josephat Bwembya | Namunji Matale | |
| | Dr. Patricia Mupeta Bobo | Meek Mwila | |

| | |
|-------------------------|-------------------------|
| Ms. Doreen Shempela | Atotwe Mpetemoya |
| Dr. Busiku Hamainza | Caleb Chilufya |
| Dr. Ketty Mwansa Lubeya | Dr. Ketty Mwansa Lubeya |
| Dr. Jane Mumba | Dr Chileshe |
| Ms. Albertina Moraes | Mrs Memory Kalolekesha |
| Mr. Chabu Kangale | Millicent Tutlam |
| Dr Chishiba Kabengele | Dr Sula Mazimba |
| Dr Kwangu Mwenya | Hannah Simba |
| Ms Prisca Mwila | |
| Dr Akwi Asombang | |
| Dr Nancy Kasongo | |
| Dr Sula Mazimba | |
| Hannah Simba | |
| Mrs Chidi Onyia | |
| Dr Seth Bloom | |

7th – 9th October 2020



Republic of Zambia
Ministry of Health



ZAMBIA'S 9TH HEALTH RESEARCH CONFERENCE

7th-9th October, 2020

A Virtual Conference Organized by the National Health Research Authority, Paediatric Centre of Excellence, University Teaching Hospitals, Lusaka, Zambia

DAY 1: WEDNESDAY 7th October, 2020

Plenary Session

| Official Opening Session Time: 09:00-11:00 Chairpersons: Dr Chipepo Kankasa & Dr. Abel Kabalo | | |
|--|--|--|
| TIME | Topic | PRESENTER/SPEAKER |
| 09:00 - 09:15 | Opening Remarks/Speech | Prof Godfrey Biemba |
| 09:15 – 09: 25 | Remarks from Scientific Chairperson | Dr. Roma Chilengi |
| 09:25-10:05 | Official Opening | Honorable Minister of Health-Dr Chitalu Chilufya, MP |
| 10:05-10:15 | Awards Presentations | Honorable Minister of Health-Dr Chitalu Chilufya |
| 10:00-10:35 | Keynote Presentation on COVID19-Expert Perspective | Prof. Victor Mukonka (Key note address) |
| 10:35-10:45 | Knowledge Translation in epidemics and advocacy for equity-centred thinking | Dr. Katrina Plamondon |
| 10:45-10:50 | TED Talk- Surviving Covid-19 | Mr. Philip Chitalu |
| 10:50-11:00 | Health Break | |
| Health Research Environment Plenary Session Time: 11:00-12:00 Chairpersons: Prof. Esther Munalula Nkandu & Prof. Patrick Musonda | | |
| 11:00-11:20 | NHRA Health Research Mandate | Prof Godfrey Biemba |
| 11:20-11:35 | Health Research Statutory Instruments | Prof. Victor Chalwe |
| 11:35-12:50 | Capacity Building & Knowledge Translation for Health Research | Ms. Sandra Sakala |
| 11:50-12:00 | Q & A | |
| Public Health Plenary Session Time: 12:00-13:00 Chairperson: Prof. Charles Michelo & Prof. Lloyd Mulenga | | |
| 12:00-12:15 | Universal Health Coverage through Health Insurance | NHIMA |
| 12:15-12:30 | Evidence to Action: Improving Access to Adolescent Health Services through the use of age-disaggregated data | Levy Mkandawire Clinton Health Access Initiative |
| 12:30-12:45 | JHPIEGO presentation | Kwame Asiedu |
| 12:54-13:00 | Q & A | |
| 13:00-14:00 | LUNCH BREAK | |
| 14:00-16:00 | Break-away sessions: Symposia (Rooms 1), Thematic break-away rooms (Rooms 2-7), NHRA & ZNPHI Scientific writing workshop (Room 8), YES ZAMBIA/POHER/CBU-SOM (Room 9) Symposia happening now: (Research ethics and Regulation Capacity building symposium) | |
| 16:00- 17:25 | POSTER SESSION (See page 16 for list of posters) Chairpersons: Dr. Jonathan Nchengwamwa & Dr Theodora Savory | |

Wednesday, October 7th – 14:00-16:00hrs

Breakaway Session Options

Virtual Room 1: Research Ethics and Regulation Capacity Building (NHRA/EDCTP) Symposium

Chairpersons: | Dr. Fusya Goma & Dr Lawrence Mwananyanda

Name: Prof. Victor Chalwe

Title: *Regulatory Capacity Building overview:*

Name: Prof. Victor Chalwe

Title: *NHRA Statutory Instruments*

Name: Mr. Chipwaila Chunga

Title: Efficiency of Clinical Trials Review

Name: Dr. Sody Munsaka

Title: Transitioning from paper to electronic platform: University of Zambia Bioethics Research Ethics Committee

Name: Japhet Matoba

Title: The Functioning of a Zambian Health Research Ethics Committee

Virtual Room 2: Reproductive, Maternal, Newborn, Child, Adolescent Health and Nutrition

Chairperson: | Dr. Patricia Bobo & Ms. Doreen Shempela

Name: Daughtry Mulenga

Title: *Healthcare Investments in Zambia: The Case of SIDA.*

Name: Justin Chileshe

Title: *Do traditional fermented foods affect the gut microbiota metabolism? Assessing the potential using an in vitro system*

Name: Mwansa Ketty Lubeya

Title: *Cervical Cancer Screening Uptake among HIV Positive Women Seeking Healthcare Services at A Tertiary Hospital In Lusaka, Zambia.*

Name: Dr. Joan Price

Title: *Acceptability of a trial of vaginal progesterone for the prevention of preterm birth among HIV-infected women in Lusaka, Zambia: a mixed methods study*

Name: Thandiwe Ngoma

Title: Health Seeking Behaviors for Infants Under 6 Months of Age with Symptoms of Illness in Rural Zambia

Name: Thandiwe Ngoma

Title: Early Learning and Development of Pre-School-Aged Children in Rural Zambia

Name: Mutinke Zulu

Title: Unsafe Abortions Among Adolescents In Chibolya Compound, Katete District Zambia

Name: Lawrence Mwananyanda

Title: Persistent Immune Activation in Pregnant Women Initiating cART Post Conception

Virtual Room 3: Reproductive, Maternal, Newborn, Child, Adolescent Health and Nutrition

Chairperson: | Dr. Gideon Zulu & Ms Wanda Mulunda

Name: Paul Bwalya

Title: HIV Exposed Infants Testing/follow up: HIV Exposed Infants Testing/follow up

Name: Lawrence Mwananyanda

Title: RSV seasonality across three cohorts in Zambia

Name: Lawrence Mwananyanda

Title: Longitudinal study of the nasopharyngeal (NP) microbiome in the first three months of life of Zambian infants who developed Lower Respiratory Tract Infections

Name: Lawrence Mwananyanda

Title: Does increased maternal immune activation in HIV+ mothers during pregnancy result in poor health outcomes for their HIV-exposed but not infected babies?

Name: Rabson Zimba

Title: Increasing the Availability of Medicines, Equipment and Human Resources to Provide Sexual, Reproductive, Maternal and Newborn Health Services in Northern Province

Name: Martha Ndhlovu

Title: Improving Quality of Care Through Mentorship: Sustaining a Clinical Mentoring Program Using Mentor Performance Dashboards

Name: Lukuni Makala

Title: The influence of maternal HIV status on mortality in children under the age of five years

Name: Kanta Chandwe

Title: Asymptomatic Enteropathogen Carriage and Growth Trajectories in Stunted Children.

Virtual Room 4: Communicable Diseases

Chairperson: | Dr. Kalangwa Kalangwa & Dr Tina Chisenga

Name: Elias Sinkamba

Title: Increasing Tuberculosis Treatment Success Rate: A tale of the USAID Eradicate Tuberculosis Project, Zambia.

Name: Rokaya Ginwalla

Title: Experiences with Suspected INH Toxicities in Patients attending selected facilities in Chilanga District, Lusaka, Zambia

Name: Sanny Mulubale

Title: HIV Citizenship in Covid-19 and Post-Covid-19 Worlds: A Three-Country (Zambia, Brasil and UK) Qualitative Study.

Name: Christabel Phiri

Title: Association Between Socioeconomic Factors and Knowledge of TB in Lusaka's Kabwata and Misisi Township.

Name: Paul Kelly

Title: Contribution of Schistosoma mansoni to systemic inflammation and microbial translocation among persons with HIV in Zambia.

Name: Travis Porter

Title: A Survey of Zambia National Malaria Elimination Programme Community Health Workers.

Name: Tikulirekuti Banda

Title: Factors associated with Low Tuberculosis Case Notification and Treatment Success in Zambia: A Cross-Sectional Study.

Virtual Room 5: Communicable Diseases

Chairpersons: | Prof. Charles Michelo & Dr. Busiku Hamainza

Name: Ponius Banda & Mrs. Kasuba Mwansa (Avencion)

Title: Early retention on ART clients and retention of ART clients over the first 6 months of treatment

Name: Kaunda Yamba

Title: Impact of PCV10 in Children <5 years hospitalized for Bacterial Meningitis at the Children's Hospital, Lusaka, Zambia, 2010-2019.

Name: Jay Sikalima

Title: Performance of a Pf HRP2-Based Malaria Rapid Diagnostic Test in an Area of High Transmission, Nchelenge District, Zambia.

Name: Kalo Musukuma-Chifulo

Title: Hepatitis B virus among health care workers: exposure, prevalence, and predictors of a lifetime and current infection in a cohort from Kalulushi District, Zambia.

Name: Stephen Chanda

Title: Medical Ward In-Patient Mortality Patterns at a Tertiary Hospital in Urban Zambia; A One Year Review June 2018-June 2019.

Name: Alinani Silwamba

Title: Hemodialysis technique survival in end stage renal disease patients at University Teaching Hospitals-Adult Hospital.

Name: Francis Hamangaba

Title: Comparison of GeneXpert and the Ministry of Health central lab for HIV viral load testing.

Virtual Room 6: Non-Communicable Diseases

Chairpersons: | Dr Sharon Kapambwe & Prof Groesbeck Parham

Name: Sheila Masaku

Title: The effect of time between diagnosis to initial treatment on overall survival and predictive factors of treatment delay of patients with breast cancer seen at the cancer diseases hospital (CDH), Lusaka-Zambia.

Name: Banda Dabwitso

Title: The effect of HIV infection on the 5-year survival of Cervical Cancer patients, at Cancer Diseases Hospital, -Lusaka, Zambia, a retrospective cohort study.

Name: Peter Julius

Title: *Clinicopathologic Presentation of Primary Ocular Surface Tumors in Zambia.*

Name: Chitalu Mpando

Title: *An assessment of the Socio-Economic impact of NCDs in developing counties: A case study of Zambia.*

Name: Theresa Chikopela

Title: *Endothelial dysfunction and body mass index; is there a role for plasma peroxynitrit*

Name: Haakonde Titus

Title: *1. Preliminary Assessment of Uranium Contamination in Drinking Water Sources in the Vicinity of a Uranium Mine in Siavonga District, Zambia and the Associated Health Risks.*

Name: Violet Kayamba

Title: *A five-year retrospective audit of achalasia cardia diagnosed at a Zambian tertiary hospital.*

Virtual Room 7: Disease Outbreaks and Epidemic Control

Chairpersons: | Dr Nathan Kapata & Dr Kwame Shanaube

Name: Tamara Bilima

Title: *Research for Effective COVID 19 Responses*

Name: Harry Hamapumbu

Title: *When half a loaf of bread is not better than nothing: A case of - bed net use at a household level in Macha, Zambia.*

Name: Howard Mushisha

Title: *A Quality-Improvement Collaborative Approach for Increasing People with HIV Currently on Treatment by Targeting High-Volume Health Facilities, Western Province, Zambia – 2019.*

Name: Harriet Ng'ombe

Title: *Immunogenicity and waning of immunity to oral cholera vaccine (Shanchol™) in adults: A case study of Lukanga Swamps in Zambia.*

Name: Enock Lungu

Title: *Outbreak Acute Gastroenteritis in Mazabuka District, Southern Province, Zambia, January, 2020.*

Name: Kapambwe Mwape

Title: Characterisation of Vibrio cholerae isolates from the 2009, 2010 and 2016 cholera outbreaks in Lusaka province, Zambia.

Name: James Zulu

Title: Investigation of Potential Misdiagnosis of HIV — Zambia, 2020

Virtual Room 8: NHRA & ZNPHI Scientific writing workshop (For a small group- pre-registration required)

Chairpersons: | Dr. Raymond Hamoonga & Ms. Kutha Banda-Mhango

Research ethics and scientific writing

Communicating scientific information

Writing effectively

Virtual Room 9: YES Zambia/POHER/CBU-SOM

(YES Zambia/POHER/CBU-SOM - Young Emerging Scientists Zambia (YESZambia), Pan-African Organization for Health, Education and Research (POHER), and Copperbelt University School of Medicine (CBUSOM))

Chairpersons: | Dr. Akwi Asombang & Dr. Andrew Kumwenda

Name: Dr Darrell M Gray II

Title: Mentorship and Research: how and why – my path – Key note address

Name: Kaluba Tamara Victoria

Title: Cervical Cancer in a 26-year female who is HIV negative-A case report.

Name: Sepo Matapo

Title: Sturge Weber syndrome with Monocular Cataract

Name: Songiwe Chiluba

Title: Postnatally Diagnosed Omphalocele

Name: Namunji Matale

Title: Correlates of Sexual Gender Based Violence Cases Reported at the Women and Newborn Hospital-University Teaching Hospital.

Name: Simbeya Anthony

Title: Knowledge, Attitudes and Practices of Sepsis Diagnosis, Stratification and Management among Healthcare Providers at The University Teaching Hospitals (UTH), Lusaka.

Name: Pharidah Rajan Ibrahim Omar Sundi

Title: Gastrointestinal cancers in Zambia. The state of published research.

Name: Kaunda Kasakula

Title: Management of Severe Pre-Eclampsia Within 24 hours Postpartum At A Tertiary.

Name: Kasakula Kaunda

Title: Atypical Haemolytic Uremic Syndrome Presenting Initially AS Acute Kidney Injury with Leukopenia.

Name: Meek Mwila

Title: Autoimmune Polyglandular Syndrome Type 2.

DAY 1: WEDNESDAY 7TH October, 2020

POSTER SESSION

Time: 16:00 – 17:25

Chairpersons: Dr. Jonathan Nchengamwa & Dr. Theodora Savory

| TIME | PRESENTER, AFFILIATION | TITLE | TOPIC THEME |
|-------------|--|--|--|
| 16:00-16:05 | Getrude Suwe Nyirenda Ministry of Health-Kafue Health District. | Elimination of Mother to Child Transmission of HIV; 'The pursue to perfection initiative' | Reproductive, Maternal, Newborn, Child, Adolescent Health and Nutrition. |
| 16:05-16:10 | Christiana Frimpong Arthur Davison Children Hospital, Ndola. | How Does Learning one's HIV Status Relate to Viral Suppression? An Analysis among Perinatally Infected Adolescents and Young Adults in Ndola, Zambia | Reproductive, Maternal, Newborn, Child, Adolescent Health and Nutrition. |
| 16:10-16:05 | Francis Hamangaba MACHA Research Trust | Comparison of GeneXpert and the Ministry of Health central lab for HIV testing | Reproductive, Maternal, Newborn, Child, Adolescent Health and Nutrition. |
| 16:05-16:10 | Questions & Answers | | |
| 16:25-16:30 | Warren Simangolwa Clinton Health Access | To thrive or to crumble? Budget impact analyses for the National Health | Health Service Delivery |

| | Initiative | Insurance Scheme for Zambia | |
|--------------------|--|---|--|
| 16:30-16:35 | Ellen Besa TROPGAN | Glucagon-like Peptide 2nConcetrations vary in Zambian children during diarrhea, in malnutrition and Seasonally. | Biomedical Science |
| 16:35-16:40 | Moses Mwale RTSA | 2019 Road Traffic Crash Statistics | Health Promotion, Environments, Social Determinants and Community health |
| 16:40-16:45 | Questions & Answers | | |
| 16:45-16:50 | Mukuma Lubinda Macha Research Trust | Sub-Health Facility Catchment Area Mapping as a Tool for Accelerating Malaria Elimination in Zambia: A Case of Mapanza Rural Health Centre in Choma District. | Disease Epidemic Outbreak |
| 16:50-16:55 | Tikulirekuti Banda CIDRZ | Exploring Family Planning methods accessibility and preference among adolescents in Zambia | Reproductive, Maternal, Newborn, Child, Adolescent Health and Nutrition. |
| 16:55-17:00 | Ben Katowa Macha Research Trust | Plasmodium falciparum genetic relatedness in rural southern Zambia | Novel/Innovative/Discovery heath research |
| 17:00-17:05 | Questions & Answers | | |

| | | | |
|---------------------|---|--|-------------------------|
| 17:05-17:10 | Phillip Mwale | Improving Patient Waiting Time At Chinsali General Out Patient Department | Health Service Delivery |
| 17:10-17:15 | Limonty Simubali Macha Research Trust | Characteristics Of Mosquito Breeding Sites In Relation To Mosquito Densities In An Area Targeted For Malaria Elimination | Communicable Diseases |
| 17:15- 17:20 | Olipa S.Phiri Tropical Diseases Research Centre (Tdrc) | Screening for Undetected Mycobacterium tuberculosis in Sputum Samples from HIV-Positive individuals Ndola. | Biomedical Sciences |
| 17:20-17:25 | Questions & Answers | | |

DAY 2: THURSDAY 8th October, 2020

Public Health and Innovation Plenary | Time: 09:00-10:40

Chairpersons: Dr. Gershom Chongwe & Prof Charles Michelo

| TIME | Topic | PRESENTER/SPEAKER |
|----------------------|---|---|
| 09:00 - 09:20 | Couples VCT as an HIV prevention strategy, Research among HIV sero-discordant couples and HIV vaccine research. | Dr. William Kilembe – Expert presentation |
| 09:20-09:30 | Immune Activation and Arterial Stiffness In Lean HIV Positive Zambian Adults On Antiretroviral Therapy | Longa Kaluba |
| 09:30-09:40 | Improving Laboratory Performance in External Quality Assurance Programs in Zambia - Quality Management System Perspective | Milimo Delhan Hamomba |
| 09:40-09:50 | A review of drug resistant tuberculosis in Northern Region of Zambia | Ngula Monde |
| 09:50-10:00 | Non-dipping blood pressure is associated with salt-sensitivity and hypertension in Zambian adults with HIV | Sepiso Masenga |
| 10:00-10:10 | COVID19 response Innovation - Inventor | Engineer Sidney Mutale University of Zambia-Technology Development |

| | | |
|---|--|--|
| | | and Advisory Unit |
| 10:30-10:40 | Q/A | TBA |
| 10:30-10:40 | HEALTH BREAK | |
| 10:40-12:40 | Break-away sessions: Symposia (Rooms 1-3), Thematic break-away rooms (Rooms 5-8), NHRA & ZNPHI Scientific writing workshop (Room 9), YES ZAMBIA/POHER/CBU-SOM (Room10) <i>Symposia happening now:</i> <i>(ZAHISA (Population Council) symposium, TB symposium, and Data to Policy symposium)</i> | |
| 12:40-13:30 | LUNCH | |
| Knowledge Translation and Capacity Building Plenary Session Time: 13:30-14:00 Chairperson: Prof. Magaret Maimbolwa & Sandra Sakala | | |
| 13:30-13:35 | Capacity building for sustainability | Lola Aladesamni - Bracing Health & Social Protection Systems for Sustainability (BRASYS) |
| 13:35-13:45 | The Zambezi EcoHealth Partnership: A Knowledge Management Case Study | Prof Vic Nuefeld – Key Note Speaker (& Dr. Douglas Singini) |
| 13:45-14:00 | Presentation | YES ZAMBIA/POHER/CBUSOM |
| 14:00-16:00 | Break-away sessions: Symposia (Rooms 1-2), Thematic break-away rooms (Rooms 3-7, 10), NHRA & ZNPHI Scientific writing workshop (Room 9), YES ZAMBIA/POHER/CBU-SOM (Room 10) <i>Symposia happening now:</i> <i>(Centre for Infectious Diseases Research in Zambia symposium and Knowledge Translation symposium)</i> | |
| | POSTER SESSION (See page 33 for list of posters) Chairpersons: Mr Josphat Bwembya & Ms Mwanga Simwanda | |

Thursday, October 8th – 10:40-12:40hrs

Breakaway Session Options

Virtual Room 1: ZAHISA (Population Council symposium)

Chairperson: | Prof. Michael Mbizvo (Pop Council) & Ms Gift Malunga (UNFPA)

Theme: Using implementation science (IS) to address early and unplanned pregnancy, HIV prevention and care programming among adolescents and young people and advance their sexual and reproductive health.

Proposed speakers:

Name: Dr Matilda Simpungwe (MoH)

Keynote: Programming for the health of adolescents and young people in Zambia:

Research Literature Review:

Name: Ms Nachela Chelwa (Population Council)

Title: Promising IS studies on what works: in-depth analysis of research findings in adolescent HIV/SRHR for implementation

ZAHISA & Partners Panel

Sub-Theme: Internalizing and acting on prevention of HIV, early and unplanned pregnancies among adolescents and young people (AYP): what works and where is the promise?

Panel Moderators: Mr Remmy Mukonka (UNESCO) & Dr Edgar Lungu (UNICEF)

Highlights:

- Prof. Mike Mbizvo: Population Council, MoH & MoGE

Linking CSE to responsive SRH services

- Dr Sam Miti

Project YES

- Pact/USAID: Ms. Misozi Siwela

DREAMS

- ZAHISA youth: Ms Thandiwe Nhliziyo

Challenges encountered by young people

- ZAHISA youth: Ms Mumbi Namwawa

Youth perspectives on what works

Implementation Science Workshop & Discussion on Actionable Recommendations and Way Forward

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- Facilitating greater utilization of research findings to strengthen programming and inform policy
- Implementation science research capacity strengthening

Implementation science research priorities to advance HIV prevention and care and improve SRH&R among adolescents

Virtual Room 2: TB symposium

Chairpersons: | Conveners: Dr. Patrick Lungu & Dr. Victoria Musonda

Chairperson: Dr. Alwyn Mwinga

Theme: Riding on the platform of Universal Health Coverage to find the ‘Missing’ tuberculosis Patients

Name: Dr. Patrick Lungu

Title: Universal Health Coverage (UHC): critical for scaling up TB notification

Name: Dr Sombo Foloshi

Title: Tuberculosis in pregnancy

Name: Dr Chabala Chishala

Title: Challenges of treating MDR TB in Children and why we should prevent it:

Name: Dr Chansa Abidan

A case series report of Drug resistant TB Meningitis

Virtual Room 3: Data to Policy symposium

Chairperson: | Dr. Michel Washington & Ms. Sandra Sakala/ Ms. Kutha Banda-Mhango

The National Health Research Authority with support from Bloomberg Data for Health Initiative have been conducting a Data to Policy training (D2P) with selected Officers from different institutions in Health. This particular component of the initiative provides a skills-based policy training program with a goal of writing evidence-based policy briefs in support of MoH health priorities.

The 2020 D2P cohort will be engaging stakeholders on policy briefs that are being developed in order to get feedback and stakeholder buy-in. Below are the draft policy briefs to be discussed:

Name: Mr. Trevor Mwamba & Mr. Bevis Phiri

Title: *Reaching men with HIV testing Services in Zambia*

Name: Dr. Chibangu Katamba & Mr. Sanzya Mambo

Title: *Adolescent and Young people HIV testing Services in Zambia*

Name: Ms. Simret Habtezgi & Ms. Mbaita Maka

Title: *Identification of Children (0-15) Living with HIV*

Name: Mr. Justin Musonda, Mwelwa Chilufya ,Ms. Bwalya Helena Mutale & Mr. Kamanga Vikwato

Title: *Undetectable = Untransmittable: Working Towards Achieving the 3rd 95 to Reduce New HIV Infections and Mortality in All HIV Positive Patients on ART in Zambia*

Name: Mr. Aaron Banda, Ms. Nelia Banda and Mr. Timothy Silweya

Title: *Improving Neonatal Interventions in Zambia*

Name: Mr. Zimba & Mr. Levy Mkandawire

Title: *High Impact Interventions (NASG and MNHSS) to Reduce Maternal Mortality*

Name: Dr. Eric Mpoyi & Ms. Beatrice Chiyokoma

Title: *High Rate of TB Infection among People Living With HIV in Zambia*

Virtual Room 4: Reproductive, Maternal, Newborn, Child, Adolescent Health and Nutrition

Chairpersons: | Dr Patricia Bobo & Mrs Wanda H Mulunda

Name: Ebedy Sadoki

Title: *High Impact Testing Modalities Improve Testing efficiencies*

Name: Katayi Mwila-Kazimbaya

Title: *In-vitro inhibitory effect of maternal breastmilk components on rotavirus vaccine replication and association with infant seroconversion to live oral rotavirus vaccine*

Name: Ebedy Sadoki

Title: *Fast-tracking the implementation of differentiated ART delivery services in the advent of COVID-19 in Zambia*

Name: Nanyangwe Siuluta

Title: *Factors influencing Gestational Diabetes Mellitus Knowledge, Attitudes and Practices among Pregnant Women at a District Hospital in Coastal Kenya.*

Name: Paul Kelly

Title: *Adaptation of the small intestinal epithelium to intestinal pathogens in Zambian children with stunting*

Name: Kwame Shanaube

Title: Prevalence and correlates of depressive symptoms among adolescents in a population with high prevalence of TB/HIV in Zambia and South Africa: HPTN 071 (PopART) for Youth study

Name: Ebedy Sadoki

Title: Improvement eMTCT services in Northern Zambia through monitoring

Name: Tina Nanyangwe-Moyo

Title: Laboratory Markers and Characteristics of New HIV Infections among Adolescents in Zambia

Virtual Room 5: Health Promotion, Social Determinants, Environmental Health, Primary Health and Community & Reproductive, Maternal, Newborn, Child, Adolescent Health and Nutrition

Chairpersons: | Dr. Abel Kabalo & Dr Kalangwa Kalangwa

Part 1: Health Promotion, Social Determinants, Environmental Health, Primary Health and Community

Name: Wantula Sichembe

Title: The epidemiology of Road Traffic Crashes in Rural Zambia: A Retrospective Hospital- Based Study at Monze Mission Hospital.

Name: Mabvuto Katwizi Kango

Title: An Exploration of the Causes of Loss to Follow-Up and Missed Appointments of Clients on Anti-Retroviral Therapy in Lusaka

Part 2: Reproductive, Maternal, Newborn, Child, Adolescent Health and Nutrition

Name: Mathias Muleka

Title: Impact of primary caregivers on treatment adherence among children and adolescents living with HIV

Name: Khuzuet Tuwele

Title: Communication following stillbirth in Sub-Saharan Africa.

Name: Enesia Chaponda

Title: Syndromic management of curable sexually transmitted and reproductive tract infections among pregnant women: An observational cohort stud

Name: Paul Kelly

Title: Adaptation of the small intestinal epithelium to intestinal pathogens in Zambian children with stunting.

Name: Ebedy Sadoki

Title: Cervical cancer screening scale up in Northern Zambia.

Name: Naeem Dalal

Title: Innovative Strategies to Strengthen Mental Health Gap at Kanyama First Level Hospital in Lusaka Zambia: A Balanced Care Model Using the Who Mental Health Intervention Guide, 2019.

Virtual Room 6: Biomedical Science

Chairpersons: | Ms. Lucky Kalyapu & Mr. Emmanuel Asiamah

Name: Ellen Besa

Title: Low Circulating Concentrations of GLP-2 Reflect Transcriptomic Profiles and Enteroendocrine Cell Phenotype.

Name: Megan Smithmyer

Title: Decreased concentrations of angiogenic biomarkers associated with HIV in pregnant women: a nested case-control study

Name: Kelly Chisanga

Title: Synthesis, Solubility Optimization and Structure Activity Relationship Studies of α -Methylbenzylamine substituted Pyridobenzimidazoles as Potential Therapies for Malaria and Schistosomiasis.

Name: Eugene Mubanga

Title: Progressive multifocal leukoencephalopathy in Zambia is caused by JC virus with prototype regulatory region.

Name: Winnie Mwanza

Title: Evaluation of serum c-reactive protein rapid test as a screening tool for TB in PLHIV

Name: Caroline Cleopatra Chisenga

Title: Sero-prevalence of arthropod-borne virus infections among Lukanga swamp residents in Zambia.

Name: Christine Mfula

Title: Evaluating the Usability of Laboratory Information System (LIS) in Southern Province, Zambia

Name: Evelyn Muleba Kunda-Ng'andu

Title: Exploring willingness to participate in future Human Infection Studies in Lusaka, Zambia: A nested qualitative exploratory study.

Name: Suwilanji Silwamba

Title: Field Evaluation and Validation of an Enterotoxigenic Escherichia Coli Rapid Diagnostic Assay.

Virtual Room 7: Communicable Diseases

Chairpersons: | Dr Gideon Zulu & Dr Charles Msiska

Name: Seraphine Kaminsa

Title: Enhanced early TB diagnosis through integrated sputum sample courier with HIV programs in six provinces in Zambia.

Name: Paul Chabala Kaumba

Title: Viral Suppression and Lost to Follow Up Among HIV Patients in a “test and treat setting”. A Retrospective Cohort Study of Four (4) HIV Clinics in Lusaka, Zambia.

Name: Tracy Phiri

Title: Hepatitis B and C Screening During the 2019 World Hepatitis Day at Cosmopolitan Mall in Lusaka, Zambia.

Name: Andrew Kerkhoff

Title: Clinical and radiographic characteristics among previously treated presumptive tuberculosis patients in Zambia.

Name: Mashina Chomba

Title: Neurosyphilis in Adult Patients Presenting presenting with Meningoencephalitis to the University Teaching Hospital in Lusaka, Zambia.

Name: Gift Mwaanga

Title: Measuring the Integrity of the Mosquito nets in relation to Mosquito.

Name: Musole Chipoya

Title: Outbreak of Circulating Vaccine Derived Polio Virus Type-2 Chiengwe District, Luapula Province, Zambia, September 2019

Name: Jane Musumali

Title: Detection of Mycobacterium tuberculosis in Lymph Node Biopsies at the University Teaching Hospital, Lusaka, Zambia.

Virtual Room 8: NHRA & ZNPHI Scientific writing workshop (For a small group- pre-registration required)

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Chairpersons: | Dr. Raymond Hamoonga & Ms. Mwiche Siamwe

Writing scientific manuscripts for publication

Publishing manuscripts

Virtual Room 9: YES Zambia/POHER/CBU-SOM

Chairperson: | Dr. Jane Kabwe & Memory Kalolekesha

Name: Melissa Mukalumamba Haketa

Title: Traumatic spinal cord injury due to extradural spinal hematoma in a hemophilic pediatric patient.

Name: Anthony Nsamba Limbumbu

Title: Abstract – A Case Control Study on the Neonatal Outcomes of Pregnancies in Women with Cardiac Disease at the Women and Newborn Hospital-University Teaching Hospital, Lusaka.

Name: Theresa Shema Nzayisenga

Title: An avoidable disability: A case report.

Name: Suwilanji Simwanza

Title: Bilharzial Squamous Cell Carcinoma of the Bladder in Pregnancy at a Tertiary Hospital in Sub-Saharan Africa: A Case Report.

Name: Bwalya Daka

Title: Adverse Effects of COVID-19 School closure on school Girls in Zambia-A Case Study.

Name: Kalumba Lubeya

Title: Neurocysticercosis in pregnancy: A case report

Name: Dawin Sichimba

Title: Acute Myelopathy as a Neurological Complication of Schistosomiasis- A Narrative Overview.

Name: Sakala Gift

Title: Assessment of knowledge, practice and attitude towards prostate cancer screening among male patients aged 40 years and above at Kitwe Teaching hospital.

Name: Chinayi Mukambo

Title: Testicular Torsion in an Adult Male

Name: Christabel Phiri

Title: Association Between Socioeconomic Factors and Knowledge of TB in Lusaka's Kabwata and Misisi Township.

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Thursday, October 8th – 14:00-16:00hrs

Breakaway Session Options

Virtual Room 1: Centre for Infectious Diseases Research in Zambia symposium

Chairpersons: | Dr. Izukanji Sikazwe and Dr Sody Munsaka

The 1st Zambian Human Infection Challenge Studies Virtual Symposium

Theme: “Human Infection Challenge Studies as a tool to achieve Universal Health Coverage”

Welcome; opening of the symposium: Dr. Roma Chilengi

Session 1: Introduction of HIC

Name: Mr Michelo Simuyandi

Title: *Infectious Diseases in Zambia: The need for vaccines*

Name: Dr Masuzyo Chirwa Chobe

Title: *Scientific rationale for HIC*

Session 2: Past engagements (What has been done so far)

Name: Ms Evelyn Kunda-Ng’andu

Title: *Findings from a study on willingness to participate in HIC General findings*

Name: Ms Chanda Mwamba

Title: *Compensation issues*

Name: Ms Hope Mwanyungwi Chinganya

Engaging the ethics and regulatory authorities

Session 3: Learning from others (What others have done) /Future plans

Name: Dr Melissa Kapulu

Title: *Kenya CHIMS and its benefits/gaps*

Name: Dr Masuzyo Chirwa

Title: *What the future looks like-HIC rota MRC*

Question and Answer Session

Dr Sharma – moderator

Debaters: Dr Roma Chilengi and Sody Munsaka – debaters

Title: COVID HIC - the debate

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Virtual Room 2: Knowledge Translation symposium

Chairpersons: | Prof. Godfrey Biemba & Prof. Margaret Maimbolwa

Introduction and welcome: Dr. Godfrey Biemba

The Evolution of KT

Name: Victor Neufeld

Title: Canada and global context

Name: David Walugemebe

Title: Africa Context

Name: Sandra Chilengi-Sakala

Title: Zambian Context

The KT Course story:

Katrina Plamondun

- Introduction and background
- Course rationale and model of delivery and learning
- Learning goals for revision (i.e., integrating equity considerations into iKT/co-production training)
- Collaborations

Kutha Banda-Mhango

- Program learning experience
- Why applied, real-time real-problems focus of peer groups working on case studies mattered
- Possible impact/difference of the case study work

Presentations from 2 groups from the KT summer course

Name: Sandra Chilengi-Sakala

Title: Rapid Identification and Deployment of Low-Cost Measures to Mitigate the Spread of COVID-19 in a Rural African Setting in Zambia

Name: Kutha Banda

Title: A rapid review of lit on the implementation of NPIs for Covid-19 in low and middle income countries

Synthesis – future challenge and opportunities

A panel discussion with:

1. Ian Graham
2. Margaret Maimbolwa

Concluding comments and thanks: Godfrey Biemba and Craig Janes (for CCGHR)

Virtual Room 3: Non Communicable Diseases

Chairpersons: | Prof. Modest Mulenga & Dr. Chitonje Musadabwe

Name: Violet Kayamba

Title: Human epidermal growth factor receptor 2 overexpression in gastric and gastroesophageal junction adenocarcinoma in patients seen at the University Teaching Hospital, Lusaka, Zambia.

Name: Samson Shumba

Title: The survival of patients with oesophageal and gastric cancer presenting to the University Teaching Hospital in Lusaka, Zambia.

Name: Wezi Kachinda

Title: Characterization of Chromosomal Abnormalities in Acute Myeloid Leukaemia Patients at the University Teaching Hospital, Lusaka, Zambia.

Name: Andrea Hannah Kaiser

Title: Access to essential medicines for treatment of diabetes and hypertension in Zambia

Name: Malambo Mubbunu

Title: Challenges of Oesophageal Cancer Screening.

Name: Violet Kayamba

Title: Molecular profiling of gastric cancer in a population with high HIV prevalence reveals a shift to MLH1-loss but not the EBV subtype.

Name: Tukiya Kanguya

Title: Perspectives from the Community on integration CETA in HIV clinics in Lusaka Zambia.

Name: Sheila Masaku

Title: The effects of Time between Diagnosis to Initial Treatment on Overall Survival and Predictive Factors of Treatment Delay of Patients with Breast Cancer seen at the Cancer Disease Hospital CDH, Lusaka.

Name: Nicholas K Mwale

Title: Defining the interacting Regions of the Translational Regulators Polyadenylate Binding Protein (PABP) 1 and the Programmed Cell Death Protein (pdc)4.

Virtual Room 4: Reproductive, Maternal, Newborn, Child, Adolescent Health and Nutrition

Chairpersons: | Dr Angel Mwiche & Ms. Hellen Mahamba

Name: Douglas Singini

Title: Trends of HIV-free survival in HIV-exposed infants in Western Province, Zambia: An Operational-Research study.

Name: Mmamulatelo Siame-Mumba

Title: Evaluation of a modified Paediatric Risk of Mortality III (PRISM III) scoring system in predicting mortality in a Resource-limited Paediatric Intensive Care Unit

Name: Levy Mkandawire

Title: Perceptions and Experiences of Adolescents on Sexual and Reproductive Health Services in Rural and Peri-Urban, Zambia.

Name: Obvious Nchimunya Chilyabanyama

Title: Statistical models for estimating linear growth velocity: a systematic review

Name: Kutemba Lyangenda

Title: Promoting Respectful Maternity care in Sub-Saharan Africa using Game Based Learning-The piloting of the Dignity game in Zambia.

Name: Mutinta Hamahuwa

Title: Progress towards eliminating mother-to-child transmission of HIV in Macha area in Zambia from 2010-2020; a cross sectional study.

Name: Haakonde Titus

Title: Uranium Contamination of Raw Cow-milk from Traditional Cattle Breeds Reared Near a Uranium Mine in Siavonga District of Zambia.

Name: Wilson Banda

Title: Nutritional and health benefits of indigenous plant (Plant Based Supplements)

Virtual Room 5: Health Promotion, Social Determinant, Environmental Health, Primary Health and Community

Chairpersons: | Dr Matilda Kakungu-Simpungwe & Ms. Rose Masilani

Name: Caison Sing'anga

Title: Data Quality of Malaria Surveillance in Southern Zambia: A Human Resource Perspective.

Name: Michael Musonda

Title: Investigating Plasmodium falciparum Parasitemia Detected Through Reactive Case Detection and Characterizing Factors Affecting Parasite Load in Macha, Zambia.

Name: Dr Jane Kabwe

Title: Virtual Continuous Medical Education for Health Care Workers In A Low Resource Setting During The COVID -19 Era

Name: Titus Haakonde

Title: Uranium exposure and potential health risk implications among the residents around uranium mining sites in the Southern part of Zambia.

Name: Japhet Matoba

Title: The Functioning of a Zambian Health Research Ethics Committee: The Case of Macha Research Trust Institutional Review Board.

Name: Kafula Lisa Nkole

Title: A Comprehensive strategy for Improving Pediatric Epilepsy Care in Zambia: A Program for First Level Providers and Community Health Workers.

Name: Lydia Hangulu

Title: 'The Zambian Mpika weighbridge is a public health nuisance to Kaice community!' Perspectives of Community members and leaders.

Name: Wisdom Chilwizhi Kaleng'a

Title: Is there room for trade and trade policy in COVID-19 medical supplies in Zambia? A social scientist's view of trade policy determinants to health promotions.

Name: Sebastian Hachizovu

Title: Characteristics of people brought in dead at Ndola Teaching Hospital in Zambia between 2012 and 2016.

Virtual Room 6: Communicable Diseases

Chairpersons: | Prof Fastone Goma & Dr Mwanza wa Mwanza

Name: Nyuma Mbewe

Title: Observational Study on the Quality of In-Patient HIV Care Services at a Tertiary Hospital in Lusaka, Zambia.

Name: Nkumbula Moyo

Title: Retention and linkage to HIV care for HIV exposed infants in rural Zambia

Name: Doreen Mainza Shempela

Title: Onsite Training and Supportive Supervision (OTSS) Key to Malaria Elimination. The Experience of CHAZ in North-Western Province.

Name: Francis Hamangaba

Title: Comparison of GeneXpert and the Ministry of Health central lab for HIV viral load testing.

Name: Alinani Silwamba

Title: Hemodialysis technique survival in end stage renal disease patients at University Teaching Hospitals-Adult Hospital.

Name: Chizimu Yamweka

Title: Genetic Diversity and Transmission dynamics of multi-drug resistant Mycobacterium tuberculosis in Zambia.

Name: Pamela Sinywimaanzi

Title: Surveillance for respiratory infections in Macha, Zambia.

Virtual Room 7: Communicable Diseases

Chairpersons: | Dr Monde Muyoyeta & Dr Dien Mwansa

Name: Moses Chingala

Title: Impact of Fake News on COVID-19 Public Health Education in Zambia

Name: Doreen Mainza Shempela

Title: Laboratory Mentorship through External Quality Assessment (EQA) Key to TB Diagnosis: A Case of CHAZ in Eastern Province of Zambia.

Name: Adriace Chauwa

Title: Distribution of histo-blood group Antigen fut2 genotypes among rotavirus vaccinated infants in Zambia.

Name: Martha Malasa

Title: Factors associated with malaria transmission; a comparative study of Munyumbwe and Sompani Rural Health Centres in Gwembe district, Zambia.

Name: Paul Kelly

Title: Minimal risk of malignant change over 5 years of follow up in adults with hepatitis B infection and large cell change.

Name: Josphat Bwembya

Title: Sex differences in tuberculosis treatment outcomes: an analysis of USAID Eradicate TB Project data for 2018–2019.

Name: Kizito Kabongo

Title: Perforation Peritonitis at the University Teaching Hospitals, Lusaka, Zambia.

Virtual Room 8: NHRA & ZNPHI Scientific writing workshop (For a small group- pre-registration required)

Chairpersons: | Dr. Raymond Hamoonga & Ms. Lucy Mazyanga

Data visualization: Parts I and II

Virtual Room 9: YES Zambia/POHER/CBU-SOM

Chairperson: | Dr. Mwenya Kangu & Dr. Sula Mazimba

Name: Dr Tyler Berzin

Title: Predatory Journals: what you need to know! – Key note address

Name: Paddy Chima

Title: Socio-Demographic Factors Influence Intention to Screen for Cervical Cancer among Women.

Name: Norah Ndambo

Title: Vulva Cancer in a Zambian Woman managed at the Cancer Diseases Hospital-UTH-Case Study.

Name: Mwiche Songolo

Title: Fournier's Gangrene in a female Pediatric Patient

Name: Sheila Mwanamwampula

Title: *Chronic Intestinal Lung Disease in a 16 year old Male: A case study*

Name: James Nyirenda

Title: Knowledge, attitudes and practices towards HPV vaccination for cervical cancer prevention among physicians in Lusaka city

Name: Sheila Mwanamwampula

Title: Chronic Interstitial Lung Disease in a 16-Year-old.

Name: Melissa Mukalumambo

Title: Case report: traumatic spinal cord injury due to extradural spinal hematoma in a hemophilic paediatric patient

Virtual Room 10: Reproductive, Maternal, Newborn, Child, Adolescent Health and Nutrition, & Health Information System

Chairperson: | Ms. Albertina Moreas & Ms. Brivine Sikapande

Part 1: Reproductive, Maternal, Newborn, Child, Adolescent Health and Nutrition

Name: Lawrence Mwananyanda

Title: Longitudinal study of nasopharyngeal (NP) microbiome in the first three months of life of Zambian infants who developed lower respiratory tract infection.

Name: Thandiwe Ngoma

Title: Early Learning development of preschool-aged children in Rural Zambia.

Name: Nsofwa Sukwa

Title: Incidence and clinical presentation of Congenital Syphilis, in a Rotavirus vaccine cohort study in Lusaka: a case series report

Part 2: Health Information Systems

Name: Modest Mulenga

Title: The USAID, Zambia Evidence for Health Project: Improving the Health Management Information System in Zambia.

Name: Kasimona Sichela

Title: National Laboratory Data Repository

Name: Lugard Sichalwe

Title: Installation and Optimization of Solar Power Back Systems in Viral Load Medical Laboratory Hubs in Zambia.

DAY 2: THURSDAY 8TH October, 2020 | POSTER PRESENTATIONS

Time: 16:00 – 17:00

Chairpersons: Mr Josphat Bwembya & Ms Mwanga Simwanda

| TIME | PRESENTER, AFFILIATION | TITLE | TOPIC CATEGORY |
|-------------|---|---|--|
| 16:00-16:05 | Naeem Dalal MOH, UNZA | Knowledge of Emotional Intelligence in the Prevention of Mental Health Disorders Among Urban Youth of Lusaka, Zambia. | Non Communicable Diseases |
| 16:05-16:10 | Kutemba Lyangenda Ministry of Health, University of Nairobi, Lugina Africa Research Midwives Network, University of Manchester | Promoting Respectful Maternity care in Sub-Saharan Africa using Game Based Learning-The piloting of the Dignity game in Zambia. | Reproductive, Maternal, Newborn, Child, Adolescent Health and Nutrition. |
| 16:10-16:15 | Sharon Musakanya Ministry of Health, Kitwe District Health Office. | Factors contributing to low childhood tuberculosis notifications in Kitwe District, Zambia. | Health Service Delivery |
| 16:15-16:20 | Questions & Answers | | |
| 16:20-16:25 | Mizinga Jacqueline Tembo Tropical Gastroenterology and Nutrition Group (TROPGAN) | Histopathological Characterization of Lung Tumours at the University Teaching Hospitals. | Non-Communicable Diseases |

| | | | |
|--------------------|--|--|--------------------------------------|
| 16:25-16:30 | John Mathias Zulu UNZA | Modeling the Use Genexpert and Microscopy on time to Diagnosis, Treatment and Treatment Outcomes among TB Patients at UTH Chest Clinic, Lusaka Zambia. | Communicable Diseases |
| 16:30-16:35 | Chitundu Mbao Ndola Teaching Hospital | Pharmacists rising to the challenge of COVID-19 by enhancing infection prevention through local manufacturing of alcohol-based hand rub in tertiary teaching hospitals in Zambia | Disease Epidemic Outbreak |
| 16:35-16:40 | Questions & Answers | | |
| 16:40-16:45 | Kwangaika Mwala Sinjela Clinton Healthcare Access Initiative; Lund University | Exploring the Factors for Inclusion of the For-Profit Private Healthcare Providers in the Zambia National Health Insurance Scheme: A Qualitative Content Analysis | Health Management Information System |
| 16:45-16:50 | | | |

DAY 3: FRIDAY 9th October, 2020

Public Health Plenary Session

Chairperson: Dr Muzala kapina & Dr Nathan kapata

09:00-10:00

| TIME | Topic | PRESENTER/SPEAKER |
|---------------|--|---|
| 09:00 - 09:15 | Virology of the Covid-19 | Dr Lloyd Mulenga – Expert presentation |
| 09:15-09:25 | Unsafe Abortions Among Adolescents In Chibolya Compound, Katete District Zambia | Mutinke Zulu |
| 09:25-09:35 | Averting Maternal Deaths through the use of community-owned Emergency Transportation System (Motor Bike Ambulances) in Luwingu and Lunte Districts of Northern Province | <i>Margaret Siame</i> Clinton Health Access Initiative |
| 09:35-09:45 | JHPIEGO Presentation | Chikusela Sikazwe |
| 09:45-10:00 | Q/A | |
| 10:00-10:10 | HEALTH BREAK | |
| 10:10-12:00 | <p>Break-away sessions:</p> <p>Symposia (Rooms 1-2), Thematic break-away rooms (Rooms 3-7), NHRA & ZNPHI Scientific writing workshop (Room 8), YES ZAMBIA/POHER/CBU-SOM (Room 9)</p> <p><i>Symposia happening now:</i></p> <p><i>(JHPIEGO symposium and Renaissance Mental health symposium)</i></p> | |

Human Infection Studies for product development Plenary

Chairperson: Prof. Godfrey Biemba & Dr. Lawrence Mwananyanda

12:10-12:25

| | | |
|--|-------------------------|--------------------------------------|
| | Human Infection Studies | Dr. Roma Chilengi - Key note speaker |
|--|-------------------------|--------------------------------------|

Closing Plenary

Time: 12:25-13:30

Chairperson: Prof. Godfrey Biemba

Co-Chairperon: Andrew Silumesi

| | | |
|--------------------|--|--|
| 12:25-12:40 | Remarks from Conference chairperson | Dr. Godfrey Biemba |
| 12:40-12:40 | Student Awards from YES ZAMBIA/POHER/CBU-SOM | Dr. Godfrey Biemba & Dr. Mwansa Ketty Lubeya/ Dr. Jane Kabwe |
| 12:40-13:20 | Communique | Dr Chipepo Kankasa |

FRIDAY, October 9th – 10:10-12:00hrs

Breakaway Session Options

Virtual Room 1: JHPIEGO symposium

Chairperson: | Mr. Makando Kabila

Name: Anna Banda Chirwa

Title: Increasing the number and capacity of nurses and midwives to prescribe ART, manage and provide ongoing support for PLHIV and provide PrEP to HIV negative individuals

Name: Josephat Mutale/John Kamona

Title: Implementing OVC Program in Military Settings– Lessons Learnt and Results

Name: Gracious Liche

Title: VMMC – Contribution to the National Operational Plan. Sharing results and geographical footprint

Name: George Muyunda

Title: Blended learning – Sharing experiences from our e-learners and results so far

Name: Rodgers Siyingwa

Title: Innovative approaches to demand creation in a military setting

Name: Nomsa Siamwanza

Title: Tele-mentoring ECHO Collaborative Partnership to Expand Reach

Name: Christopher Bwale

Title: Increased uptake of Cervical Cancer Screening Services in Southern Province

Name: Gracious Liche/Kalenga Kakompe

Title: Managing programs using a Utilisation focused Monitoring and Evaluation approach

Name: GNCZ/HPCZ

Title: HPCZ – Improved HRIS. A better online service experience for health practitioners

Virtual Room 2: Renaissance Mental health symposium

Chairperson: | Ms Lisa Kalungwana

This symposium focuses on highlighting some of the emerging issues being dealt with in the mental health sector in the time of covid-19. It will include a general discussion on the increased burden of mental health services in the public and private sector as well as some of the psychological interventions that have been useful in the management of mental health problems in Zambia.

Name: Dr Nita Besa

Title: Mental health Challenges arising from covid-19

Name: Dr Naeem Dalal

Title: Psychological first aid during the pandemic

Name: Ms Mutale Kabumbu

Title: Workplace experiences and interventions in relation to covid-19

Virtual Room 3: Health Infrastructure and Equipment and Health Promotion, Social Determinant, Environmental Health, Primary Health and Community

Chairpersons: | Dr Matilda Kakungu Simpungwe & Rose Masilani

Name: Valery Kadima

Title: Assessment of Hospital Wastes Management Practices in Zambia, using facilities with Viral load and Early Infant Diagnosis Testing Laboratories as Case Studies.

Name: Daniel Mwamba

Title: Does Dolutegravir causes weight gain?: a retrospective observational cohort study from Lusaka, Zambia

Name: Anzibert Rugakingira

Title: Assessment Of Healthcare Service Quality At Public Hospitals In Tanzania: The Case Of Amana Regional & Referral Hospital, Dar Es Salaam

Name: Mapusano Nkulukusa

Title: Technology Acceptance And Utilisation: An Assesment Of Microsoft Navision Implementation And Utilisation By The Ministry Of Health In Zambia

Name: Jane N Lungu

Title: Creating and Adapting a Research Electronic Data Capture (Redcap) Based Laboratory Sample Storage Inventory

Name: Million Phiri

Title: Is education the “window of hope” to reducing HIV transmission in Zambia? Evidence from 2007 – 2018 DHS.

Virtual Room 4: Traditional, Complementary, and Alternative Medicine & Novel/Innovative/Discovery Health Research

Chairpersons: Dr. Gershom Chongwe & Dr. Rodwell Vongo

Part 1: Novel/Innovative/Discovery Health Research

Name: Moses Sakala

Title: Interrogating the nature of HIV-1 reservoir in the lymph nodes during suppressive combination antiretroviral therapy (cART) in the Zambian setting.

Name: Moomba Thornicroft

Title: Identifying Barriers To Accessing Health Services: Detention Period For Juvenile Offenders In Adult Correctional Facilities Zambia

Name: Sarah Nyangu

Title: Breakthrough TB among people living with HIV on Isoniazid preventive therapy in Zambia.

Name: Susan Kamuti

Title: Mobile Technology: Enabling Monitoring & Strengthening of Quality Provision of SRH Services in Zambia.

Name: Precious Mwaanga

Title: Evidence for the use of polymerase chain reaction as a diagnostic tool in the detection of plasmodium falciparum malaria in pre-elimination settings

Part 2: Traditional, Complementary, and Alternative Medicine

Name: Mwiza Nyasa-Haambokoma

Title: The role of spiritual healers in linkage to care in the treat all era.

Virtual Room 5: Health Information Systems

Chairpersons: Mr. Paul Chishimba & Mr. Patrick Banda

Name: Joaquim Musamba

Title: Saving the mother through technology.

Name: Clement Phiri

Title: Remote Specimen Registration and and Results Printing for Enhanced Evidence Based Patient Management.

Name: Avis Anya Nowbuth

Title: Investigation of nanoparticles Present in OTC Salt Iron Phosphate 2X,4X and 6X Potencies.

Name: Namakando Mukelebai

Title: Leveraging technology and data for improved health planning in Zambia

Name: Shida Nyimbili

Title: The USAID, Zambia Evidence for Health Project: Improving the Health Management Information System in Zambia.

Name: Pharidah Rajan Ibrahim Omar Sundi

Title: Gastrointestinal cancers in ZAMBIA. The state of published research.

Name: Elias Munshya

Title: Laboratory Information Systems Footprint and Functionality.

Name: Mr Frazier Bwalya

Title: Optimizing manual enumeration datasets to maintain spatial enumeration datasets for disease burden decision support in planning and implementation: A case study from MACEPA supported IRS districts in Zambia.

Virtual Room 6: Health Care Financing/ Governance & Health systems leadership and Governance

Chairpersons: Mr. Collins Chansa & Dr. Dande Malawo

Name: Sharon Musakanya

Title: Factors contributing to low childhood tuberculosis notifications in Kitwe District, Zambia:

Name: Derek Pollard

Title: Operationalising GRID3 maps to support vector control resource planning and precision implementation.

Name: Derek Pollard

Title: Improved IRS, MDA and SBC campaign performance and coverage in Southern Province, Zambia through application of in-field spatial intelligence.

Name: Mwelwa Chilufya

Title: Assessment of silent transfers in ART services as new clients to other facilities; A possible contributor to poor retention in care among People Living with HIV.

Name: Mbaita Maka

Title: An evaluation of the health system requirements and cost-effectiveness for Results-based financing (RBF) to sustainably deliver in resource constrained settings.

Name: Kwangaika Mwala Sinjela

Title: Exploring the Factors for Inclusion of For-Profit Private Healthcare Providers in the Zambia National Health Insurance Scheme: A Qualitative Content Analysis.

Virtual Room 7: Communicable Diseases

Chairpersons: Prof Victor Chalwe & Dr. Kwame Shanaube

Name: Greg Marchand (Avencion)

Title: Improvement in Site Level Customer Care for HIV Services

Name: Natasha Laban

Title: Cytomegalovirus among Rotavirus among RotavirusVaccinated Infants in Zambia and Implications for Rotavirus Vaccine Immunogenicity.

Name: Chabu Kangale

Title: Routine malaria prevalence and intervention coverage estimates obtained by surveying antenatal care (ANC) attendees in Chadiza District, Eastern Province Zambia: progress and lessons learned.

Name: Eutra Chaaba

Title: Tuberculosis mortality in Itezhi-Tezhi District of central Zambia: Patient characteristics, causes and time to death.

Name: Charlie Luchen

Title: Effect of HIV Status and Vitamin A on Oral Cholera Vaccine Uptake in Adult Population Living in an Endemic Area of Lukanga Swamps, Zambia.

Name: Doreen Mainza Shempela

Title: Onsite Training and Supportive Supervision (OTSS) Key to Malaria Elimination. The Experience of CHAZ in North-Western Province.

Name: Lophina Chilukutu

Title: Interpreting Xpert ultra “trace call” result.

Virtual Room 8: NHRA & ZNPHI Scientific writing workshop (For a small group- pre-registration required)

Chairpersons: | Dr. Raymond Hamoonga & Ms. Sandra Chilengi-Sakala

Designing effective slides

Designing effective posters

Virtual Room 9: YES Zambia/POHER/CBU-SOM

Chairperson: | Dr. Mwansa K Lubeya & Dr. Chishiba Kabengele

Dr. Kirti Chadha – Group Head Medical Affairs Metropolis Healthcare

Med Engage Mentorship Program

Name: Kasongo Nancy

Title: Incidence of Acute Kidney Injury at an Emergency Department at a Tertiary Teaching Hospital in Zambia.

Name: Faith Mwelwa Chinyimba

Title: Evaluation of Benign Prostatic Hyperplasia (BPH) cases and associated morbidity among men attending the urology clinic at Ndola Teaching Hospital (NTH) in 2020.

Name: Patricia Chipalabwe

Title: Isolated rupture of the distal brachiocephalic artery extending into the right subclavian and right common carotid arteries in pregnancy: A case report.

Name: Priscilla Kasonkomona

Title: Cervical Cancer Screening, Diagnosis and Treatment of Precancerous cells at the Chelstone Clinic: A clinical Audit.

Name: Mpetemoya Tepwanji

Title: Evaluation of timings and fetal outcomes in category one cesarean sections: A retrospective study in a tertiary hospital.

Name: Songiwe Chiluba

Title: Knowledge, Perceptions and Attitudes Among Pregnant Women towards Emergency Cesarean and Anesthesia.

THANKS TO OUR PARTNERS



Avencion



