

Dr. Chalilwe Chungu

Bsc.HB (UNZA), MBChB (UNZA), MMED (Paediatrics & Child Health) (UNZA)

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Profile Statement

Highly motivated, creative, and adaptable public, adolescent, and child health specialist with management experience at all levels of the health care systems. Through effective communication, exceptional leadership and coordination, my portfolio (spanning over 10 years) has enabled me the opportunity to work on complex projects that included policy formulation, advocacy and arbitration. My career chronicles a proven track record on the Zambian and international Health landscape with experience in various health programs including HIV, Tuberculosis and Malaria programs.

Experience

PROJECT DIRECTOR

FAITH BASED ACTION FOR SCALING UP TESTING AND TREATMENT FOR THE EPIDEMIC RESPONSE {FASTER} PROJECT, CATHOLIC RELIEF SERVICES (CRS) 2019 TO DATE

Serve as project Director for the FASTER Zambia initiative part of the global grant that includes Nigeria, Uganda and Tanzania as member countries on account of having highest unmet paediatric HIV need. The project supports the Ministry of Health with capacity building utilizing sustainable solutions through collaborative learning, innovation, and implementation science. The oversight of this initiative involves budget management with a \$4 M budget that includes subrecipient advances with over a dozen partners in line with key subsidiarity/capacity building organizational values. The role also integrates overseeing implementation sites that serve for evidence generation for national scale across Ministry of Health sites to catalyze attainment of 90,90,90 in children and adolescents in Zambia

Achievements to date:

- *Part of COVID-19 taskforce that oversees the response at the country program level and participate in regional team meetings.*
- *Co-investigator on the Oraquick study exploring additional testing options for paediatric clients through caregivers.*
- *Hosted several learning sessions including at the Maternal and Child Health Branch of the Tuberculosis and HIV section of the Centre for Disease Control (CDC), Atlanta.*
- *Participated in grant acquisition teams for project profile expansion both for the country program team and for the Ministry of Health*

**SECRETARY GENERAL,
ZAMBIA PAEDIATRIC ASSOCIATION OF ZAMBIA (ZPA)
2018 TO DATE**

Responsible for strategy execution to maximize the growth and optimize efficiency and effectiveness of the Zambia Paediatric Association. This includes developing and fostering linkages and collaborations with key partners such as other regional paediatric societies and those on the international scene including the Philippines pediatric society and the American Academy of Pediatrics. The roles assumes lead for implementing the association vision, mission, philosophy and principle in line with the strategic plan. The role also enables exploration of business development through grant writing and proposal development for opportunities harnessing donor collaborative opportunities and synergies with consortium partners. The ZPA Secretary General also coordinates the thematic lead secretaries: Public Health, Community. Paediatrics and Research. I support membership in the role of providing Technical support to the Ministry of Health including representing the association in national technical working groups.

Achievements to date:

- *Participated in grant acquisition teams for project profile expansion that includes Tobacco control, COVID-19 (family centered strengthening)*
- *Fostered partnerships with key partners (major pharma's, corporate entities and other international Non-Governmental Organizations)*
- *Mobilized equipment for the paediatric surgery department*
- *Participated in the development of covid-19 national guidelines*

**STUDY PHYSICIAN
CHAPAS MULTI-CENTRE CLINICAL TRIAL
2019**

This study is funded by the European & Developing Countries Clinical Trials Partnership (EDCTP), a public-public partnership between countries in Europe and sub-Saharan Africa, supported by the European Union. The Children with HIV in Africa – Pharmacokinetics and Acceptability of Simple second-line antiretroviral regimens (CHAPAS trial) is being undertaken in Uganda, Zimbabwe and Zambia and aims to evaluate the pharmacokinetics and acceptability of the second-line ART treatments. My roles included protocol adherence, accurate documentation including adverse events, weekly project meetings including recruitment rate tracking.

**PROJECT DIRECTOR
TOBACCO CONTROL IN ADOLESCENTS
(AMERICAN ACADEMY OF PEDIATRICS SUB GRANT)
2020 ONGOING**

Proposal development, budget preparation and grant compliance throughout project cycle. Execution lead during implementation of the project implementation plan. Representing ZPA during donor updates and with country level stakeholders (e.g. heart and stroke foundation, Tobacco control desk) and external (including American Academy of pediatrics, Costa Rica paediatric society etc.). Working with collaborators e.g. World Health Organization and Ministries of Health (Mental Health Unit and Tobacco Control desk) and Education and other key partners to enforce Tobacco Control Measures in Zambia. Operational responsibilities include fiscal fiduciary tracking and oversight,

Achievements

- *Participated in national coordinating mechanism*
- *Collaborated with Ministry of General Education to host debates in schools and set up tobacco control clubs*
- *Participated in drafting of documents aimed at operationalizing Tobacco Control bill*
- *Hosted webinars for child health professionals on Tobacco Control among adolescents*

**LOCUM PAEDIATRICIAN
PENDLETON FAMILY PRACTICE,
2017 TO DATE**

Specialist paediatric clinical practice. The one-on-one interaction with clients recalibrates focus and gives perspective on the broader public health scale giving more purpose and clarity of vision. This role provides primary care to newborns, toddlers through to adolescence.

**TB/HIV MANAGER,
LUSAKA DISTRICT
2017 TO 2019**

I provided technical and administrative support to the Tuberculosis and HIV programs under Lusaka District the largest District in Zambia. Managed multiple budget streams including PEPFAR and Global Fund. I was honored to be part of the team that implemented Lusaka Surge Activities in Lusaka District: A campaign aimed at saturating the number of people on lifelong anti-retroviral therapy and ensuring optimal viral suppression hence culminating in Epidemic control of HIV. Through this role, I supported the District TB Liaison and ART/QI program me officers with TB/ART coordination

Achievements

- *Organizing and participating in national collaborations including national Health Week, World TB day and World AIDS day*
- *Participation in newborn referral teams*
- *Participated in curriculum development for emergency triage courses*
- *Participated in teams implementing the HIV Surge*
- *Student lectures (Medical doctors, Nurses and paramedics)*

**STUDY PHYSICIAN
SHINE MULTI-CENTRE CLINICAL TRIAL
2017-2019**

This study was also funded by the European & Developing Countries Clinical Trials Partnership (EDCTP). The study, named SHINE (Shorter Treatment for Minimal Tuberculosis in Children), was sponsored by University College London (UCL), coordinated by the Medical Research Council Clinical Trials Unit at UCL, and funded by the Joint Global Health Trials Scheme of the Department for International Development, the UK Department of Health and Social Care, the Wellcome Trust, and the Medical Research Council, with additional support from the TB Alliance. Ensure recruited clients are managed according to protocol. I ensured clients were managed per protocol including adverse event reporting, recruitment tracking and ensuring pharmacokinetic studies were carried out with fidelity. The key finding was that four months of treatment was non-inferior to the standard six-month treatment.

AG CONSULTANT PAEDIATRICIAN, LUSAKA DISTRICT HEALTH MANAGEMENT TEAM, UNIVERSITY TEACHING HOSPITAL: CHILDRENS HOSPITAL, 2016 TO 2019

- Co-ordination of Child services and case management of General Paediatric cases at 3 First Level Hospitals within Lusaka District.
- Case management in Lusaka District
- Teaching of Nursing/Medical Students
- Mentorship of Health care Workers
- Research

HONORARY LECTURER (PAEDIATRICS AND CHILD HEALTH) 2016-2020

- *University of Zambia*
- *Lusaka Apex Medical University*

AG SENIOR REGISTRAR, LUSAKA DISTRICT HEALTH MANAGEMENT TEAM, UNIVERSITY TEACHING HOSPITAL: CHILDRENS HOSPITAL, 2016 TO DATE

- Co-ordination of Child services and case management of General Paediatric cases at 3 First Level Hospitals within Lusaka District.
- Case management and Student Teaching in Unit 1 at the University Teaching Hospital: Children's Hospital under the leadership of the Unit head.

REGISTRAR, DEPARTMENT OF PAEDIATRICS AND CHILD HEALTH|UNIVERSITY TEACHING HOSPITALS, CHILDRENS HOSPITAL| 2012-2017

- Supported various Paediatric super specialist consultants in case management and outpatient clinics
- Teaching of both Undergraduate and post graduate students and paramedical staff: Nurses, Clinical Officers, Physiotherapists and Radiologists

SENIOR RESIDENT MEDICAL OFFICER, |CHILENJE FIRST LEVEL HOSPITAL, LUSAKA DISTRICT HEALTH MANAGEMENT TEAM| 2011-2012

- Case management across all departments: Internal medicine, Paediatrics, Obstetrics and Gynecology and Surgery.

JUNIOR RESIDENT MEDICAL OFFICER, | UNIVERSITY TEACHING HOSPITALS, | 2009-2011

- Supervised case management across all departments: Internal medicine, Paediatrics, Obstetrics and Gynecology and Surgery in the tertiary country Hospital

SUPERVISING CLINICIAN, EVELYN HONE CLINIC, 2009-2010

- Medical management of referred cases

LECTURER (GROSS ANATOMY, EMBRYOLOGY, HISTOLOGY), EVELYN HONE COLLEGE 2006-2007

- Physiotherapy, radiology degree & diploma students

Education

MASTER OF PUBLIC HEALTH (DISSERTATION STAGE) | 07/20 | UNIVERSITY OF LUSAKA

Proposal: Adolescent Sexual Behavior in Lusaka District: A basis for repeat index testing

MASTER OF MEDICINE (PAEDIATRICS & CHILD HEALTH) | 24/06/16 | UNIVERSITY OF ZAMBIA

Dissertation: Prevalence of Congenital Rubella Syndrome at four referral Hospitals in Zambia; Supported by the World Health Organization and conducted in collaboration with the Zambian Ministry of Health, Child health Unit. This work provided baseline data for the nationwide introduction of the MR vaccine in Zambia which prior, used to administer Measles monovalent vaccine only (Residency Program, Livingstone Central Hospital)

BACHELOR OF MEDICINE & SURGERY| 11/04/09 | UNIVERSITY OF ZAMBIA

Medicine, Surgery, Obstetrics & Gynecology and Surgery

Community Based Education: Hospital management Choma General Hospital, Mazabuka General Hospital

BACHELOR OF SCIENCE (HUMAN BIOLOGY) | 09/06/2006 | UNIVERSITY OF ZAMBIA

EDEXEL LONDON EXAMINATIONS GENERAL CERTIFICATE| JUNE 2000 |MINISTRY OF EDUCATION| LUSAKA ZAMBIA

EXAMINATIONS COUNCIL OF ZAMBIA, GENERAL CERTIFICATE OF EDUCATION| 2000 | DAVID KAUNDA TECHNICAL SECONDARY SCHOOL, LUSAKA ZAMBIA

Short Courses

TB/HIV INTEGRATED CLINICAL TRAINING, 2011

Comprehensive Introduction to clinical and programmatic management of Tuberculosis and HIV with integrated implementation.

BASIC ART & OI MANAGEMENT, 2012

A relevant training at a time when there was a rise in HIV case load with prevalent Opportunistic infections prior to the test and treat approach for all.

CLINICAL SKILLS FACULTY DEVELOPMENT COURSE, 2014

Teaching methodology principles aimed at equipping entrant trainers with professorial skills for lecturing undergraduate medical students

CHILD SEXUAL ABUSE AND ADULT RAPE MANAGEMENT, 2014

Skills for the comprehensive management of child/adult sexual and gender-based violence including underpinning legal, medical, and social principles.

PENTA TRAINING (ADVANCED PAEDIATRIC ART), 2016

Delivered by the PENTA foundation, a global leader in cutting edge child research/clinical trials in infectious disease.

PAEDIATRIC ART, 2017

Update training in paediatric ART principles due to the many advancements/developments in paediatric/adolescent HIV.

MDR TB, 2017

A critical training at a time when the WHO had approved post phase three country introduction of the novel drugs bedaquiline and delamanid plus newer molecules e.g. Linezolid and clofazimine (repurposed for MDR).

MANAGEMENT OF POSSIBLE SERIOUS BACTERIAL INFECTION, WORLD HEALTH ORGANIZATION, 2018

A consortium supported initiative (BMGF, Save the Children, WHO) public health solution to neonatal morbidity and mortality anchored on the major child health strategy of Integrated management of child illnesses, IMCI.

SONDALO TB/HIV COURSE FOR MANAGERS AND CONSULTANTS 2018

WHO supported training for managers of national Tuberculosis and Leprosy programmes and country mission consultants.

ADVANCED PROSECUTORS COURSE, ZAMBIA INSTITUTE OF ADVANCED LEGAL EDUCATION 2018

Basic legal principles in criminology, court procedure, prosecution, and Health related statutes.

TOBACCO CONTROL AND ADVOCACY, AMERICAN ACADEMY OF PEDIATRICS, 2020

Equipping paediatric Societies with advocacy skills for complex public Health problems e.g., the battle of Tobacco control specialists and the Tobacco industry.

Additional Roles

MEMBER OF NATIONAL COVID-19 INCIDENT MANAGEMENT COORDINATING COMMITTEE

Multi-sectoral/disciplinary oversight of COVID-19 response

MEMBER OF NATIONAL PAEDIATRIC TB TECHNICAL WORKING GROUP

Policy formulation, guideline development, case management

SOCIETY FOR AIDS IN AFRICA CONVENERS OF INTERNATIONAL CONFERENCE ON AIDS AND STI'S IN AFRICA (ICASA). SECRETARIATE BASE – ACCRA, GHANA

Africa's largest advocacy and scientific platforms that bring together global leaders civil society, communities and researchers to assess progress to global targets and set HIV/AIDS agenda for Africa moving forward

MEMBER OF NATIONAL HIV TECHNICAL WORKING GROUP

Policy formulation, guideline development, case management

MEMBER OF NATIONAL PAEDIATRIC/PMTCT HIV TECHNICAL WORKING GROUP

Secretariat, policy formulation, guideline development, case management. Part of team conceptualizing the paediatric surge; an initiative aimed to achieve epidemic control of paediatric HIV

MEMBER OF NATIONAL ADOLESCENT TECHNICAL WORKING GROUP

Policy formulation, guideline development, case management

MEMBER OF NATIONAL ADOLESCENT HIV SUB TECHNICAL WORKING GROUP

Policy formulation, guideline development, case management, part of team conceptualizing the national adolescent surge, a campaign aimed at saturating adolescent HIV case finding, linkage and viral load suppression

MEMBER OF NATIONAL MDR TB CLINICAL EXPERT COMMITTEE

Meets to review complex cases and act as an end review committee for adverse reactions for novel MDR drugs.

NATIONAL HIV TRAINER

Capacity building, contributing to front line health care worker competencies.

NATIONAL TB TRAINER

Capacity building, contributing to front line health care worker competencies.

ASSOCIATE MEMBER OF DIABETIC ASSOCIATION OF ZAMBIA

Patron for diabetic camps for children and adolescents, training in paediatric diabetes case management

RESERVE HIV/TB TRAINER FOR ZAMBIA DEFENSE FORCES MEDICAL SERVICES

Supported Family Health International through the department of defense grant in
paediatric/adolescent HIV training

CIDRZ CONSULTANT: PAEDIATRIC TB TRAINING

Delivered paediatric TB/HIV training

Auxilliary skills

Computer Literate

Good communication and interpersonal skills

Driven and Self-motivated

Research/Publications

- Childhood Tuberculosis trends in Zambia over five years (2014-2019) (**C. Chungu**, S. Nyimbili, P. Lungu, R. Chimzizi, C. Chabala, J. Mzyece, K. Zyambo, M. Kapasa, A. Silumesii, K. Malama) accepted for poster presentation, UNION 2020
- Zambia National Consolidated Guidelines for the Management of HIV 2020
- Increasing tb case notification by synergistic facility and community based systematic screening in a high density suburb, Kanyama of Lusaka Zambia(**Chungu C**, Lungu P, Nyimbili S, Chimzizi R, Zyambo K, Mwale C, Tambatamba B, Mbewe W, Chimutete C, Mbwili M, Chabala C, Dimuna N, Banda D, Malama K, Muyoyeta M, Silumesii A, Malama K) poster presentation, UNION 2019, Hyderabad ndia
- Title: Evidence for optimal childhood TB diagnosis and treatment; The SHINE, SURE and TB-SPEED research studies (Chishala Chabala, Monica Kapasa, Kevin Zimba, Khozya Zyambo, Bwendo Nduna-Chansa, **Chalilwe Chungu**, Mwate Mwambazi, Joyce Lungu, Veronica Mulenga) Zambia National Health Research Conference
- Disease burden of Congenital Rubella Syndrome at four referral hospital in Zambia. **C Chungu**, University of Zambia Thesis, 2016
- Factors associated with low viral load suppression rate in children receiving anti-retroviral therapy in Lusaka District, Zambia (viral load suppression study in children: VILOS-C) In Progress {**Co-Principal Investigator**}
- High sexual partner turnover: Basis for repeat index testing in HIV infected adolescents and young persons at Kamwala Health centre in Lusaka District, Zambia. In Progress (**Principal Investigator**)
- How Do We Find the Children in Chibolya Township? A Case of Know Your Child's HIV Status Campaign at Chiyembekezo Mission Clinic (Chitanda S, Mutaawe G, Zyambo Z, Matulula D, Banda G, Mubanga D, **Chungu C**)
- How Do We Get There? A Chreso Livingstone Experience with Paediatric and Adolescent Viral Suppression (Sivanga C, Mutaawe G, Matulula D, Muchimba D, Zyambo Z, Jabulani T, Liteta A, Mudenda S, Kufekisa A, Zulu J & Ngulube B, **Chungu C**)

- How Do We Get there? Community-Based Intervention to Improve Viral Suppression in Children at Kaoma District Hospital (*Mwamba C, Mutaawe G, Zyambo Z, Mubiana P, Nkhoma L Mubiana M, **Chungu C***)
- Restoring Hope for HIV Viral Suppression Against All Odds in Children: The Case of Yuka Mission Hospital (*Mwansa G, Mutaawe G, Zyambo Z, Phiri P, Hakabwandi A **Chungu C***)
- Improving retention in care through client centered interventions: Lessons from Mazabuka General Hospital HIV Clinic (*Singogo N, Mwaba N, Matulula D, Banda T, Tembo M, Nyau D, Chabu C, Namushi W, Sendoi B, **Chungu C***)
- Improving Viral Load suppression through Family-centred approaches: Lessons from Shampande Urban Clinic (*Muchimba M, Miyoba N, Zyambo Z, Mutaawe G, Matulula D, **Chungu C***)
- Missed pharmacy appointments among children and adolescents on Anti-Retroviral Medication: A Retrospective review of health records with Quality Improvement methodology (*Munkombwe C, Zyambo Z, Chungu C, Mutaawe G, Matulula D, **Chungu C***)
- National Adolescent HIV Surge Indaba 2021
- National Adolescent HIV Surge
- Adolescent Training manual for Health Care Workers 2020
- Manual for supporting Caregivers of children living with HIV 2020
- Zambia Paediatric Association amplifying adolescent voices against Tobacco debut use (*under review*)
- National Comprehensive Manual for Adolescent Peer Educators and Facilitator's Guide for Prevention and Treatment of HIV

References

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