



Child Health and Development  
Centre (CHDC)

# CHILD HEALTH AND DEVELOPMENT CENTRE (CHDC)

SCHOOL OF MEDICINE  
COLLEGE OF HEALTH SCIENCES  
**MAKERERE UNIVERSITY**



# ACTIVITY REPORT

# 2021



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# Editorial



**Dr. Herbert Muyinda**  
Director - CHDC

## *Greetings*



Like elsewhere in the world, 2021 was a challenging period due to COVID-19 pandemic which impacted on the activities at Child Health and Development Centre (CHDC).

CHDC is a multi-disciplinary research, and training Centre geared towards promoting sustainable child survival and development, and maternal health. The Centre started with core staff approved by the University Council and it has been expanding over time.

With 2021 being turbulent, planned activities were accomplished at different levels while others are still continuing to adapt to the challenges of COVID-19.



### **Activities at CHDC and the need for continued support**

#### **Teaching**

Currently, CHDC is responsible for teaching three undergraduate courses: These are; 1) CHS3304 - Research Methods and Community Diagnosis, 2) CHS4102 – Community project implementation, and, 3) Clinical skills training, which is taught to all first years, who are more than 400 students, at the moment.

In spite of the COVID-19 disturbance, our academic staff were able to successfully teach and do field supervision for over 300 students in the College of Health Sciences. These students were from the schools of Nursing, Bio Medical Sciences, Medicine, and Laboratory Technology, all under the College of Health Sciences.



#### **Research**

In terms of research, the Centre currently has over 20 grants in different domains of health research and training. The main areas of focus include disease surveillance – HIV

and AIDS, Malaria, COVID-19, parenting and child protection, technology, and knowledge transfer. We hope to focus on the implementation of these research programs to increase the efficiency, organization and management of research activities.

Over the years, considerable success in research has been achieved by Child Health and Development Centre through mainly individual efforts by various staff. We (CHDC staff) have been alert to the fact that with the increased academic staff capacity of over 7 PhDs, and several Masters, Post-Docs and upcoming PhDs (including affiliates), a certain level of output particularly in terms of research, and therefore publications will be expected and be demanded from us. The question then was; how do we meet what is (will be) expected of us?



## **Training Programs**

To answer the above question, and to make the Centre more efficient, research activities, organization, and management have been (re)structured into research programs. The purpose of the research programs is to create a supportive environment to the senior and upcoming researchers (mentorship), and a more focused approach to research given the multi-disciplinary training of staff, and the institutional mandate that emphasizes a holistic approach.

Under the same arrangement, CHDC held 10 well-attended seminars to strengthen its research capacity. These seminars were presided over by prominent speakers in their fields. The presentations attracted University staff, students and the general public. CHDC was happy to interact with them in research capacity strengthening.

Building on the already existing strengths, the idea is to make research activities easy to initiate, better organized and managed, focused, and to facilitate publication. Below are the research six programs and their interim leaders:

- 1) Health Systems Strengthening – Dr. Arthur Mpimbaza
- 2) Non Communicable Diseases among Children - Dr. Anthony Batte
- 3) Technology & Child Health – Dr. Herbert Muyinda
- 4) Research Capacity Building & Training – Prof. Anne Katahoire
- 5) Early Childhood Development & Health Outcomes – Dr. Harriet Babikako
- 6) Families, Parenting & Child Health – Dr. Godfrey Siu



## **Finance and Administration**

Some of these studies are longitudinal (cohorts) that need intensive and specific support in form of financing, implementation, and monitoring. This entails full time administrative and financial support to avoid the usual bureaucracy that characterize the University system in general. CHDC has fully equipped finance and administrative office fully committed to facilitating research and training activities.



## **Publications**

In the area of publications, I am pleased to announce that over 50 publications were produced by the staff at CHDC in 2021.

With all the above achievements, I can only wish that this year 2022 will be one of great health, strength, and wisdom for us and our partners, as we contribute to the growth of research and training at CHDC, the wider University community and our country.

Enjoy!

# About CHDC

The Child Health and Development Centre (CHDC) is a multidisciplinary research and training institution in the College of Health Sciences, Makerere University. Its mandate is to promote the wellbeing of children and women in Uganda through multidisciplinary research, training and the strengthening of partnerships between the university, communities and government.

CHDC conducts academic and applied research in partnership with the public and private sector so as to inform policy and offer training for capacity building.

The Centre has a core team of 8 academic staff, administrative staff, project staff and support staff.

## CHDC CORE ACADEMIC STAFF



**Dr. Herbert Muyinda**  
Head/Director



**Prof. Anne Ruhweza  
Katahoire**



**Dr. Godfrey Siu**  
Senior Lecturer



**Dr. Arthur Mpimbaza**  
Lecturer



**Dr. Harriet Babikako**  
Lecturer



**Dr. Aggrey Dhabangi**  
Lecturer



**Dr. Stephen Kiwuwa**  
Lecturer



**Dr. Anthony Batte**  
Lecturer

# CHDC Activities -2021

## 1. Carnegie Research Capacity Strengthening Project





CHDC obtained funding from the Carnegie Program through the Directorate of Research and Graduate Training (DR&GT) at Makerere University to strengthen the research capacity at the Centre. Using these funds, CHDC embarked on a process of (re)organizing her research activities into different programs. CHDC's research programmes will be broad organizational structures that define the unit's overall research vision and commitment over a given period of time. This (re)organization will greatly facilitate the Centre's staff in their research, teaching, supervision and mentoring roles. The research programmes are also expected to raise the publications output, and improve CHDC's contribution to the university and research community generally.



Dr. Jessica Jitta (standing), a former Director at CHDC gives advice on how CHDC can strengthen her research capacity.

As part of this project, a total of ten (10) research capacity strengthening seminars were delivered including *Delivering a Scientific Talk- The Dos and the Don'ts* by Prof. Pauline Byakika Head of school of Medicine; *How to build a Thriving Research Career* by Prof. Nelson Sewankambo (Professor Emeritus); *Supervising Graduate Students*, and *Scientific Writing and Dissemination of Results* by Prof Tumwine (Professor emeritus); *Assessment of Post Graduate Students*, by Prof. Charles Karamagi; *Developing and Maintaining Human Resources in Research*, by Ms. Irene Kawuma-Under Secretary at the Ministry of Education; and *Procurement and Research* by Ms. Shivon Atwine, Makerere University Procurement Officer. Participants included researchers, graduate and undergraduate students, from in and outside Uganda.. It is our belief that the seminars made considerable contribution to strengthening research capacity at CHDC, college and the whole University.

<p><b>PRESENTER</b></p>  <p><b>Ms. Irene Kawuma</b> Under Secretary Ministry of Education, GOU</p>	 
<p><b>TOPIC: Developing &amp; Maintaining HR in Research &amp; the Workplace</b></p> <p><b>THURSDAY, 4<sup>TH</sup> NOVEMBER, 2021.</b> <b>TIME: 10AM-12PM EAT</b></p>	
<p>Zoom Link: <a href="https://bit.ly/3p1UZdp">https://bit.ly/3p1UZdp</a> Meeting ID: 858 1254 4732 Passcode: 791819</p>	
<p><b>MODERATOR</b></p>  <p><b>Dr. Jessica Gitta</b> CHDC</p>	<p><b>Organized By:</b> Child Health &amp; Development Centre (CHDC), College of Health Sciences, Makerere University</p>
<p><b>Sponsor</b> → Directorate of Research and Graduate Training: Carnegie Program</p>	

<p><b>PRESENTER</b></p>  <p><b>Prof. Nelson Sewankambo</b> Dept. of Medicine, College of Health Sciences, MAK</p>	 
<p><b>TOPIC: Developing a Thriving Research Career</b></p> <p><b>WEDNESDAY, 8<sup>TH</sup> DECEMBER, 2021.</b> <b>TIME: 11:00 AM-1:00 PM EAT</b></p>	
<p>Zoom Link: <a href="https://bit.ly/3p1UZdp">https://bit.ly/3p1UZdp</a> Meeting ID: 858 1254 4732 Passcode: 791819</p>	
<p><b>MODERATOR</b></p>  <p><b>Dr. Herbert Muyinda</b> Director, CHDC</p>	<p><b>Organized By:</b> Child Health &amp; Development Centre (CHDC), College of Health Sciences, Makerere University</p>
<p><b>Sponsor</b> → Directorate of Research and Graduate Training: Carnegie Program</p>	

Some of the flyers for the Carnegie capacity strengthening seminars.

## 2. MakRIF open-day and Exhibition

On 25<sup>th</sup> May 2021, CHDC participated in an open day that was organized by the Makerere Research and Innovations Fund (MakRIF) at the College of Health Sciences (CHS). During the event, presentations were made by 20 select researchers from CHS who had benefitted from MakRIF funding. Dr. Arthur Mpimbaza (from CHDC) presented findings of his study; *“Developing a model health systems strengthening strategy to reduce malaria deaths in Uganda: a situation analysis.”*



Dr. Sabrina Kitaka (L), one of the organizers of the MakRIF open-day and exhibition introducing Dr. Arthur Mpimbaza to present his findings.



Students of MakCHS pose beside a banner of the Parenting for Respectability (PFR) project exhibited on the MakRIF open day. The CHDC tent at the MakRIF Exhibition with staff attending to guests.

In addition, CHDC participated in an outdoor exhibition where poster presentations of other studies at CHDC funded by MakRIF were made. These included; *“The Covid-19 mobile application with inbuilt epidemiological surveillance, case, and contact tracing system”* by Dr. Harriet Babikako; *“Role of malaria, the microbiome, acute kidney injury and brain injury on clinical recovery in children with acute malnutrition”* by Dr. Anthony Batte; and other studies at CHDC also showcased their numerous publications. The event was graced by the Vice Chancellor of Makerere University, Prof. Barnabbas Nawangwe and the then Chairman of the Grants Committee, Prof. William Bazeyo.





*The CHDC tent at the MakRIF Exhibition with staff attending to guests*



*Guests from MackCHS who attended the function signing in CHDC's guest book during the exhibition*

### 3. COBERS (Community Based Education Research and Service) Programme

Within the College of Health Sciences, CHDC staff are responsible for coordinating the COBERS course. MakCHS collaborates with various community-based health facilities and units in the training of health professional students (in their 3<sup>rd</sup> and 4<sup>th</sup> years). This has been partly due to the requirement to train students in an environment where they will work, increasing employability of the graduates, and increasing retention of health professionals at local levels. The students closely work with communities and district officials to assess the health situation and to identify health priority needs and problems; analyzing the causes of the problems and formulating possible approaches for their solutions. During the training students are equipped with skills in identifying local health problems, seeking scientifically based solutions, and assisting in implementation, feasibility, monitoring and evaluation of health intervention mechanisms at community level. After their field visits, the students make presentations and are assessed accordingly.



*Dr. Herbert Muyinda (seated) with COBERS students presentation of their field reports.*

### 4. CHDC MONTHLY COLLOQUIA

The Centre has a colloquium every last Wednesday of the month. Colloquia is academic activity that involves presentations and discussions at different levels of research work, that is, at proposal writing, data collection, data analysis and publication.

The idea is to avail a platform which enables researchers to share progress of their work and receive progress from colleagues. Some of the colloquia held in 2021 were; “**Haemolytic Disease of the New Borns**”, by Dr. Aggrey Dhabangi; One of the PhD students, Martin Mbonye, made a presentation on “**An ethnographic study of masculinity and men’s uptake of HIV services among intimate male partners of female sex workers in Kampala, Uganda**”; Dr. Harriet Babikako presented about “**A Mobile Application for Covid19 Epidemiologic Surveillance Case & Contact Tracing (Epicovid Tracer App)**”; Dr. Herbert Muyinda also made a presentation titled, “**Covid19 tests in Uganda and the DRC: Situating the knowns and unknowns in the Covid19 pandemic**”; while another study titled “**Caring under Covid19: Is the pandemic changing domestic caregiving responsibilities and relationships in Uganda?**” was made by the Dr. Godfrey Siu and Brenda Simbwa.

## 5. Parenting Agenda for Uganda Initiative (PI-Dr. Godfrey Siu)

The Parenting Agenda for Uganda (PAfU) is a collaborative initiative between the Ministry of Gender, Labour and Social Development (MGLSD) and Makerere University, College of Health Sciences – Child Health and Development Centre (CHDC). With three year funding support from the Oak Foundation, the goal of PAfU is to develop an agenda for parenting work in Uganda by providing strategic direction, coordinating stakeholder initiatives, and standardizing the development of parenting interventions through a consensus building process. The project was officially launched in March 2019 and integrated into the work plan of MGLSD thus validating the initiative nationally and increasing its visibility and adaptability among key stakeholders.

Achievements include, a mapping/database of parenting programs in the country, formation of a consortium, and, getting a national parenting agenda incorporated into the National Development Plan III. This consortium has also advocated for and given expert opinion on, issues affecting children.



*CHDC staff with panelists of the November Parenting Agenda Consortium Meeting. L-R is Agnes Namaganda-Communications Specialist, Juliana Akoryo Naumo-Director Culture and Family at the MGLSD, Carolyn Namutebi-Project Coordinator, Stephen Langa (ED-Family Life Network) presenter during the session, Martha Atuhaire-Project Officer, Emily Mwaka (President-Kampala Catholic Women's Guild), Muhamad Aluma-Secretary for Social Services at Uganda Muslim Supreme Council, Racheal Nakayemba-Accounts Assistant at CHDC and Dr. Godfrey Siu-PI.*




*agil Mande (3<sup>rd</sup> left) who was the main panelist of the day. (L-R) Natasha, daughter Fagil, who shared her experience on how she kept herself productive as a child during the Covid lockdown;. Dr. Godfrey Siu-Parenting Agenda Initiative Principal Investigator; Dr. Herbert Muyinda-CHDC Director; Juliana Naumo Akoryo-Director (Culture and Family) and Lucy Otto, both from Ministry of Gender, Labor and Social Development*




*Dr. Godfrey Siu (centre) having a discussion with Juliana Akoryo Naumo and Lucy Okot, from Ministry of Gender, Labour and Social Development*

**PRESENTER**





**Professor Emeritus James Tumwine**  
Dept. of Paediatrics & Child Health, SOM, CHS, MAK

**MODERATOR**



**Professor Anne Katahoire**  
CHDC

**TOPIC: Scientific Writing and Dissemination of Findings**

**THURSDAY, 9<sup>TH</sup> DECEMBER, 2021.**  
**TIME: 10:00 AM-12:00 PM EAT**

Zoom Link: <https://bit.ly/3p1UZdp> Meeting ID: 858 1254 4732  
Passcode : 791819

**Organized By:**  
Child Health & Development Centre (CHDC), College of Health Sciences, Makerere University

**Sponsor** → Directorate of Research and Graduate Training; Carnegie Program



**CHDC  
2021  
Activity  
Photo  
Collage**





## 6. Congo Lyc Study; Developing and Testing interventions to Reduce HIV risk, increase access to treatment and promote resilience among war-affected populations in Northern Uganda (Dr. Herbert Muyinda)

This is a five-year research project conducted by Makerere University, in collaboration with the University of British Columbia, and St. Mary's Hospital, Lacor. The overall objective is to develop and test innovative interventions for prevention of HIV and treatment of AIDS and other related conditions among war-affected populations in Northern Uganda.

This year, the project disseminated findings from its baseline survey conducted in the districts of Gulu, Omoro, Nwoya and Amuru. The findings indicate that while the UNAIDS aims at reaching the 95-95-95 target by 2030, awareness of HIV+ status among people living with HIV (PLHIV) was 59.5%. Of these only 57.8% on ART, and of those on ART, only 86.8% had acquired viral load suppression. Findings also showed that chronic hepatitis B was endemic at 10.1% in the study communities. Other STIs including syphilis were common at 5.6%. The situation is made more complex with the presence of post-traumatic stress disorder (PTSD) prevalent at 9.7%, higher in females (11.3%), than males (7.1%).

It is therefore important that Culturally-safe, Strengths-based, Trauma-informed, Technology-enhanced (CSTT) interventions are initiated to improve access to and uptake of HIV, Hepatitis B, and trauma services in the war affected populations.



*Project Staff handing over a hand washing facilities, masks and IEC materials in one of the study communities*

## 7. The EpiCovid Mobile Tracer App (PI-Dr. Harriet Babikako)

The COVID-19 pandemic is unprecedented in both scale and impact. This study developed a mobile application with inbuilt epidemiological surveillance, case, and contact tracing system for COVID-19. The epidemiological surveillance system relies on the health facility, and community data collected to identify, and triage COVID-19 cases. The general objective is to help in informing the necessary decision to be taken by the health workers while at the same time improving on data capture, management, reporting, and use by stakeholders.



*Dr. Harriet Babikako (R) explaining how the EpiCovid Tracer App works to Prof. Moses Joloba. Right is Haron Gichuhi, one of the investigators on the study.*

## 8. Developing a model Health System Strengthening Strategy to reduce malaria deaths in the Busoga sub-region (PI-Dr. Arthur Mpimbaza)

Optimizing quality of care for malaria is a complex endeavour of major public health importance in Uganda. In 2019, the Makerere Research Innovation Fund (MAK-RIF) in collaboration with the Government of Uganda awarded funding for a multi-year project whose goal is to develop a model Health Systems Strengthening (HSS) that would improve patient access to high quality malaria case management to reduce malaria deaths. The project was completed in Mar 2021, and the first paper entitled 'Adherence to malaria management guidelines by health care workers in the Busoga sub-region, eastern Uganda has been published in the Malaria Journal. The objective of Phase I of the study was to assess the health system capacity to provide appropriate malaria case management as it is. These data will be used to inform the design of the HSS strategy.

Considering success of the first phase of the project, funding for continuation of the project has been awarded by the MAK-RIF. Phase II and III of the project will focus on developing and implementing a model health system strengthening strategy to reduce malaria mortality in the busoga sub-region: a proof-of-concept study. The overall objective of this phase of the project is to 1) finalise development of the model HSS strategy; 2) evaluate the acceptability and feasibility of implementing the proposed model HSS strategy to promoting provision of high-quality services at public facilities and increase the community's uptake and responsiveness to malaria control strategies. The potential impact of the interventions on upstream determinants on quality of care will also be evaluated. Currently, the process of finalising the model HSS strategy is on-going after which implementation of the model will start in a health sub-district in one of the Busoga region districts.



*Dr. Arthur Mpimbaza (L) explaining to the former Chairman of the Makerere University Grants Committee, Prof. William Bazeyo (R) about the Health Systems Strengthening model to reduce malaria deaths in Busoga*



## 9. Parenting for Respectability (PfR) Cluster Randomised Controlled Trial (PI-Dr. Godfrey Siu)

This one-year project started in March, 2020 funded by Oak Foundation and Evaluation Fund. Its overall objective was to conduct a cluster randomized controlled trial (cRCT) evaluation of the 16 session PfR programme to test its effectiveness in reducing violence against children and gender based violence, in comparison to those receiving an hour lecture on parenting in the Wakiso and Amuru districts of Uganda (N = 54 clusters, 2,160 parents, 1,080 children, 1:1 allocation ratio). The study combines an effectiveness-implementation hybrid type 2 design to determine the feasibility and impact of three different implementation strategies in terms of programme delivery.

In 2021, activities included; (i) completion of baseline data collection, (ii) conducting training of 108 facilitators, (iii) commenced intervention delivery, (iv) processed data collected, and, (iv) undertook research uptake and dissemination



*Participants listening to a PfR facilitator (standing) during parental sessions in Busukuma Sub-County Wakiso district in November, 2021.*

## 10. Neurodevelopmental Delays (NDD) and the unmet healthcare needs of children 0-6 years – (PI-Dr. Harriet Babikako)

This is one of the projects funded by Makerere University Research Innovation Fund (MakRIF) with the objective of describing unmet health care needs of children 0-6 years who have NDD and identifying associated factors of this condition. The one year study also aimed at developing and validating a tool to assess NDD services in health facilities in Uganda, and to provide the appropriate healthcare services to children with NDD.

One of the findings from the study was that health facilities lack Child Development Officers and that most of the staff managing child development conditions are not trained.



*Dr. Harriet Babikako (right), Lecturer CHDC, the Principal Investigator of the Neural Developmental Delays (NDD) Research Study at the College of Health Sciences exhibition where she talked about her work related to children with NDD. Richard Sekiwunga (left) and Fred Kalyowa (middle) staff members at CHDC also participated in the exhibition.*

## **11. Covid19 Tests in Uganda and the DRC; Situating the Knowns and Unknowns in the COVID-19 Pandemic (PI-Dr. Herbert Muyinda)**

Diagnostic tests are critical in the management and prevention of a pandemic. Testing makes new forms of knowing and unknowing visible, which may lead to disagreements about the kind of (un)certainties that people and public health authorities are willing to accept. In the context of the COVID-19 pandemic, official reports in both Uganda and DRC, indicate that the pandemic has been less severe, contrary to many predictions that COVID-19 would have a more devastating effect on the African countries. Possible theories relate to age structure, acquired immunity, climate, lessons learnt from past (Ebola) epidemics, and harsh lockdown measures. Consequently, people are confronted with many unknowns, reflecting the epidemiological, political, economic, and social uncertainties produced by the emergency responses in the two countries. How do people notice and determine community transmission when tests are not available? How do people seek care and treatment for severe disease, and respond to intervention measures in such contexts?

The general objective of this study is to provide a detailed understanding of the role of diagnostic tests in relation to the management of the Covid19 pandemic in Uganda and the Democratic Republic of Congo. In Uganda, data collection is ongoing in the districts of Kampala and Gulu. The study is funded by the German Research Foundation and it commenced in October, 2021.



**Group Picture of the Covid Study Team after the Data Analysis Training in Gulu.** Lower row, L-R is Agnes Namaganda-Project Coordinator, Rehema Namaganda-Researcher, Dr. Herbert Muyinda-PI (Uganda), and Dr. Songi Park-PI (Bernhard-Noth Institute Fuer, Germany). Upper row, L-R is Adison Lwanga-Researcher, Grace Oroma-Researcher, Irene Odongpiny-Data Entrant and Godfrey Kibwota-Researcher.

## 12. Strengthening the health sector systems workforce in the prevention and response to violence against children (VAC): A pilot project in Mayuge and Amuru districts (PI - Dr. Godfrey Siu)

The magnitude of violence against children in Uganda is still high and the situation was made worse by the long lockdown period including higher numbers of teenage pregnancies reported in the health facilities especially in Eastern Uganda and more child marriages in Northern Uganda.

The main aim of this study is to collaboratively work with the Ministry of Health to design and test the acceptability, feasibility, and scalability of health worker capacity building and leadership in strengthening VAC intervention in Mayuge and Amuru districts in eastern and northern Uganda.

This project started in September 2021 and is expected to end in June 2022. The Principal Investigators are Dr. Godfrey Siu. The study is funded by the government of Uganda through Makerere University Research Innovations Fund (MakRIF).



**Dr. Godfrey Siu, the project PI speaking at the inception meeting in Amuru between Makerere University and the Amuru district leadership who included the Chief Administrative Officer, the Secretary of Health, the District Health Officer and representatives from the police force.**

### 13. Scaling Parenting for Respectability (PfR) Programme (PI-Dr. Godfrey Siu)

This project started in 2020 and is funded by the OAK Foundation via Spring Impact. The overall objective is to provide technical assistance to CHDC in exploring its own vision, mission, ambitions and expectations for the scaling up of PfR. This will enable CHDC to co-design a scale strategy and replication model for PfR.

Various activities conducted during the year include; conducting several workshops using Zoom to help CHDC understand its own vision, ambitions and expectations for scaling PfR independently of other stakeholders. Through these meeting a framework was developed showing what each stakeholder in the CHDC replication model will be doing, how they will interact with each other, and possible sources of funding. A number of requirements were also identified that will be considered while replicating the PfR model.



*The CHDC team that was involved in the training having a recap about what their major takeaways from the activities of 2021. R-L, Brenda Simbwa, (Biostatistician), Dr. Godfrey Siu (PI), Joseph Kahwa (Project Manager of PfR cRCT), Agnes Namaganda (Communications Specialist), Betty Okot (Researcher) and Martha Atuhaire (Project Officer)*

### 14. Research uptake capacity building training (PI-Dr. Godfrey Siu)

This project has several objectives in line with research uptake. These include; understanding the meaning and importance of research uptake, understanding the importance of strategic planning for research uptake, reviewing the components of a research uptake strategy template, supporting grantees to develop research objectives for their projects, and supporting grantees to identify key stakeholders using stakeholder analysis techniques.

Several activities were conducted in the course of 2021 and these included; several online workshops for CHDC and other grantees in the region on how to develop a research uptake strategy, stakeholder mapping and analysis. There were also trainings on how to make smart objectives for research uptake and how to develop messages for scaling up that could be used throughout the disseminations on research uptake. The CHDC team also received skills in how to develop and use a research activity and monitoring tool.

This project started in 2021, and is funded by Evaluation Fund.

# Select Publications 2021

- 1) **Batte A**, Berrens Z, Murphy K, Mufumba I, Sarangam ML, Hawkes MT, Conroy AL. **Malaria-Associated Acute Kidney Injury in African Children: Prevalence, Pathophysiology, Impact, and Management Challenges**. *International Journal of Nephrology and Renovascular Disease*. 2021;14:235.
- 2) J. Pulerwitz, C. Valenzuela, A. Gottert, **G. Siu**, P. Shabangu & S. Mathur (2021): **“A man without money getting a sexual partner? It doesn’t exist in our community”**: male partners’ perspectives on transactional sexual relationships in Uganda and Eswatini, *Culture, Health & Sexuality*, DOI: 10.1080/13691058.2021.1904521
- 3) Paton RS, Kamau A, Akech S, Agweyu A, Ogero M, Mwandawiro C, Mturi N, Mohammed S, **Mpimbaza A**, Kariuki S *et al*: **Malaria infection and severe disease risks in Africa**. *Science* 2021, **373**(6557):926-931.
- 4) Brook, M. Kilbourne, A Ismail, S Magni, T Fellows, **AR Katahoire**, F Ayebare, G Siu, et al. **“User assessment of a microarray patch for HIV PrEP and as a multipurpose prevention technology for HIV and pregnancy prevention: perspectives from Uganda and South Africa.”** *Journal of the International AIDS Society*, vol. 24, no. S1, 2021
- 5) Martin Mbonye, **Godfrey Siu** & Janet Seeley (2021): **Conflicted masculinities: understanding dilemmas and (re)configurations of masculinity among men in long-term relationships with female sex workers, in Kampala, Uganda, Culture, Health & Sexuality**, DOI: 10.1080/13691058.2021.1891569
- 6) Malamba SS, **Muyinda H**, Ogwang DM, Katamba A, Zamar DS, Jongbloed K, et al. (2021) **Cango Lye (Healing the Elephant): Chronic Hepatitis B Virus among post-conflict affected populations living in mid-Northern Uganda**. *PLoS ONE* 16(5): e0251573. <https://doi.org/10.1371/journal.pone.0251573>
- 7) **Batte A**, Murphy KJ, Namazzi R, Co K, Opoka RO, Ssenkusu JM, John CC, Conroy AL. **Evaluating kidney function using a point-of-care creatinine test in Ugandan children with severe malaria: a prospective cohort study**. *BMC nephrology*. 2021 Dec;22(1):1-9.
- 8) Okiring J, Epstein A, Namuganga JF, Kanya V, Sserwanga A, Kapisi J, Ebong C, Kigozi SP, **Mpimbaza A**, Wanzira H *et al*: **Relationships between test positivity rate, total laboratory confirmed cases of malaria, and malaria incidence in high burden settings of Uganda: an ecological analysis**. *Malaria journal* 2021, **20**(1):42.
- 9) **Batte A**, Gyagenda JO, Otvombe K, Muhindo R, Bagasha P, Kiggundu D, Aujo JC, Atuhe DM, Kansiiime G, Hussein R, Namuyimbwa L. **Prevalence and predictors of hypertension among adults in Mbarara City, Western Uganda**. *Chronic Illness*. 2021 Nov 17:17423953211058408.
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Child Health and Development  
Centre (CHDC)

## Makerere University Child Health Development Centre

-  P. O. Box 6717 Kampala-Uganda
-  +256-414-541684, Fax: 256-414-531677
-  [chdc@chdc.mak.ac.ug](mailto:chdc@chdc.mak.ac.ug)
-  [www.chdc.mak.ac.ug](http://www.chdc.mak.ac.ug)
-  @MakCHDC