



**Makerere University College  
of Health Sciences (MakCHS)**

# **GRANTS OFFICE ANNUAL REPORT**



**Jan. - Dec.**  
**2022**

This publication was prepared by the Grants Office, College of Health Science, located at Upper Mulago Hill Road, Kampala.

Website: <https://chs.mak.ac.ug/grants>

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**SUGGESTED CITATION**

Makerere University College of Health Sciences (MakCHS) Grants Office Report, Kampala, October, 2022.

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# Word from Senior Grants Manager, MakCHS



## *Greetings.*

I am pleased to present to you the Makerere University College of Health Sciences (MakCHS) Grants Office Annual Report for financial year, 2022. In it, we reflect on the activities, milestones and future plans for the office. In 2022, we witnessed tremendous improvement in grants Portfolio, management and compliance and research administration of various projects within the college.

To cite just a few examples, out of the 60 grant proposals submitted for funding, 37 were acquired, including a \$2M grant from the National Institutes of Health (NIH) to investigate the use of familial cancer-risk among adolescents in Uganda. Consequently, the Grants Office has established the College's first online forum for sharing the latest funding calls.

Additionally, the Grants Office has been at the forefront of imparting knowledge and skills in budgeting, financial management and intellectual property to project staff. Trainings on the relevance of Intellectual Property Rights and the fundamentals of research Administration were organized for junior faculty and researchers in March 2022 and April, 2022 with the aim of training of researchers and research managers in intellectual property management in order to improve their awareness and knowledge of IP for research inventions. These achievements and more have been brought about by the tireless efforts of our college leadership, staff and network of research administrators. For example, through our National and Regional Network of Research Administrators, the Grants Office worked with leading minds from different institutions such as the H3Africa Initiative, Busitema University, Soroti University, Jointly Clinical Research Center and Uganda Christian University (UCU) to identify, share and provide timely information on funding opportunities.

As we move into this new year, we will continue to build on these successes and focus on improving our support to all researchers. For a more detailed explanation of the services that we offer and ongoing initiatives, I encourage you to visit our website <https://chs.mak.ac.ug/grants>

I would like to thank you for taking the time to learn more about our work and its impact. Happy New year to you all.

Sincerely,

**Mordecai Tayebwa,**

Senior Grants Manager,

Makerere University College of Health Sciences.

# About Grants Office, MakCHS

The grants office was opened in May 2011 in order to respond to researchers' plight. This was due to reports from researchers of compliance and management of their awards. There was also a need for centralized grant acquisition and administration at the Makerere University College of Health Sciences.

The office provides both pre-award and post-award services. We work with you right from idea inception to award close-out.

## Focus areas are;



**1** Sustainability of the Grants office and Resource Mobilization.



**2** Capacity Building and Professional development.



**3** Formation of an effective network of research administrators in Africa



### Our Vision

To be a sustainable hub of Innovative Health Research Administration and Grants Management in Africa.



### Our Mission

To increase the College uptake and management of Donor funded research and projects for innovative research, teaching and provision of services responsive to societal needs.

## We offer pre- and post-award support activities including;

- 1) Identify, share and provide information and advice on funding opportunities nationally and internationally.
- 2) Support the Proposal development process and submission of completed grant applications to funders.
- 3) Manage the negotiation, finalization and extension of contracts (and sub-contracts) with MakCHS as either main or sub-contractor once an award has been made.
- 4) Respond to ad-hoc issues in post contract management and support MakCHS project managers in addressing any financial issues relating to their projects.
- 5) Manage the tracking and reporting of financial performance of grants.
- 6) Preparation of timely financial reports as required- ensuring excellence in reporting content and format; and check for regulatory compliance.
- 7) Develop and maintain a consistent hard copy/electronic filing structure and system for financial information and contracts related to grants.
- 8) Manage the Budget development process for new grants.

- 9) Manage the reviewing of sub-grantee financial documentation and reporting to ensure compliance
- 10) Present financial information relating to grants at meetings.
- 11) Produce the Grants and Contracts register each quarter.
- 12) Prepare financial projection relating to grants.
- 13) Support the grants management and filing structures and systems.
- 14) Manage the annual updates of the Grants Management Manual.
- 15) Develop grants management as a business unit.
- 16) Development and implementation of MaKCHS grants management training courses.
- 17) Provide technical assistance in grants management to MaKCHS' partners and others.
- 18) Conduct capacity session and support trainings covering both pre award and post award processes targeting both researchers / faculty and research administrators.



# Grants Office Team

**PRINCIPAL  
MakCHS**



**Prof. Damalie Nakanjako**

**DEPUTY PRINCIPAL  
MakCHS**



**Prof. Isaac Kajja**

**SENIOR GRANTS MANAGER**



**Mr. Mordecai Tayebwa**

**GRANTS OFFICER**



**Ms. Tusiime Bonny  
Boniconsilli**

**GRANTS OFFICER**



**Ms. Melissa Sanyu  
Nakiyaga**



# Support Activities In 2022

## 1) Sustainability of the Grants office and Resource Mobilization.

### 1.1 Grants support to submit proposals

The Grants and Contracts Office supported MakCHS faculty/staff to develop and submit grant applications. Staff/faculty were taken through the application processes, the requirements that made them better applicants in the subsequent submissions. The office searched and shared funding opportunities with the faculty/staff with 142 funding opportunities shared through the website, personalized emails and through the outreaches to the departments. Sixty (60) opportunities were signed up for development of which all were submitted through the grants office, 37 of which were awarded.

### 1.2 IREX UASP Fellowship in Research Management

The Grants office personnel Ms. Tusiime Bonny and Ms. Melissa Nakiyaga and 2 other College members Ms. Irene Namatende, Senior Quality Assurance officer, Mr. Peter Kinene, Accountant MakCHS with Support from the Senior Grants Manager Mr. Mordecai Tayebwa applied for the IREX's University Administration Support Program (UASP) Fellowship in Research Management. This Fellowship supports the development of university research management and knowledge transfer capacity through a competitive, three stage program. The Goal of this fellowship is to equip a new generation of university leaders across Africa with the knowledge, skills, and perspectives to strengthen and improve institutional management of research and knowledge transfer and be catalysts of change. When awarded, they will be trained to better understand international trends and best practices, actively disseminate their knowledge within and beyond their institutions, and apply their ideas, skills, and networks gained through the fellowship to drive improvement to MakCHS' performance.

## 2) Capacity Building and Professional development.

### 2.1 Grants training with HEPI Project

The Grants and contracts office with Health Professional Education Partnership Initiative project led by Prof. Sarah Kiguli sponsored by National Institutes of Health (NIH) conducted a series of virtual sessions to equip research managers and administrators (RMAs) with the knowledge and skills, improving the capacity of research managers and administrators to better support Makerere University. Key areas of this training were on general NIH project budgeting, Internal controls and accountability, Federal cost principles and allowable costs, reporting and sub recipient monitoring (technical and financial).

RMAs were helped to understand the importance of budgeting- generally and also as part of a grant proposal, demystify the fear that people have regarding budgeting by sharing simple steps to drawing a research budget, budget monitoring and managing budget variances, obtaining a working knowledge of the cost principles, the application of basic expenditure considerations, appreciating the allowable and unallowable costs, the basic concepts of Sub-recipient monitoring, project risk monitoring, knowledge of the sub-award closeout process, identify and share effective strategies, methods and tools for sub-recipient monitoring.

### 2.2 Training on Intellectual property

The Grants office organized a training on Relevance of Intellectual Property Rights in research and Academia' on Thursday 3<sup>rd</sup> March 2022, led by Assoc Prof Wamala Robert, deputy director for innovations in Makerere University. Following a recent needs assessment among junior faculty researchers. Objectives of this training aimed to enhance trainees knowledge of Intellectual Property rights, and improve the quality and outputs of research innovations within MakCHS, with spillover effects to other units in Makerere University.

### 2.3 Project Financial management workshop

The Grant office personnel attended a Project Financial Management work-shop organized by the directorate of finance, Makerere University from 24<sup>th</sup> to 26<sup>th</sup>, March, 2022. The objective of the workshop was to enhance the Participants' competences in management of Projects, in accordance with sound professional standards and the harmonized requirements of donors and their respective governments.

Project financial management is a critical prerequisite for successful project execution. Through sound financial management, project management is provided with timely and precise financial information which is essential for effective decision-making as well as corrective action in order to enhance the prospects of timely completion within the planned project budget and scope of deliverables. Furthermore, it provides the comfort needed by the recipient country, lenders and donor community that funds have been used efficiently and for the purposes intended.

Project financial management covered areas in the roles of Grants Administration and Management Policy (GAMSU) in Grants management, project planning, reporting, procurement and contract management, monitoring and evaluation of government projects, how to develop an efficient and effective project management database, overview on the proposed project database management system.

## **2.4 Principal MakCHS meeting Research Administrators**

Grants and contract office organized a projects administrators meeting on 10<sup>th</sup> March, 2022 chaired by Prof. Damalie Nakanjako, Principal MakCHS in principal's college boardroom. The meeting was attended by 21 research administrators. Objectives of this meeting were to identify research administrators and their roles under the college, how the Grants office and Finance office will keep track of the all projects, communicate requirements to keep track of the project's performance like quarterly reports, physical performance reports, project Activity plans, project financial plans, to understand how the college can support research administrators in their role and communicate the need for project administrators to obtain appointments letters for every project staff indicating level of effort committed on each project supported from the Human resource office.

## **2.5 Research Administrators Training under the Brain Health Training Program.**

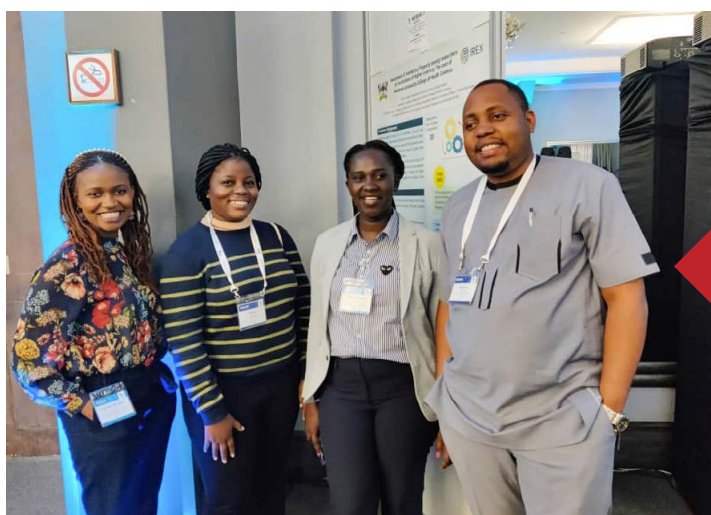
The Grants and Contracts Office supported by Research training and mentorship to strengthen brain health across the lifespan in Uganda project funded the National Institutes of Health (NIH) organized a Research Administrators Training on 28<sup>th</sup>, April, 2022 from 9:00am- 1:00pm. The overall objective of this training was to provide trainees with knowledge on the fundamentals of research Administration and management through the various topics and training sessions on Identification of funding Opportunities, tips of successful grants writing, budget development and justification. Training Presenters were well-experienced and globally recognized resourceful persons from Makerere University and other partner institutions involved in implementation of research and development programs for NIH. Mr. Mordecai Tayebwa; Senior Grants Manager College of Health Sciences and Ms. Jackie Nanteza: Grants Officer Makerere University School of Public Health Finance Management Unit.

## **2.6 IREX UASP Fellowship in Research Management**

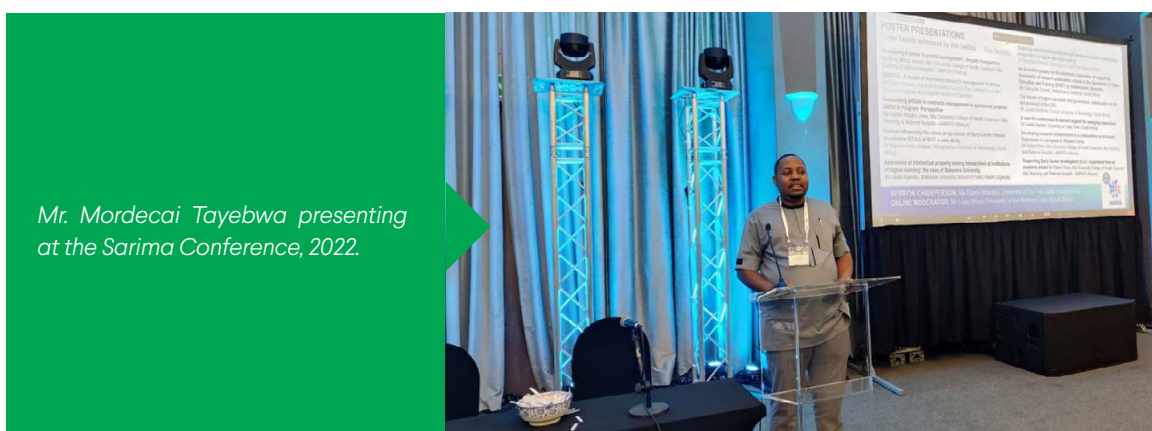
The Grants office personnel Ms. Tusiime Bonny and Ms. Melissa Nakiyaga personnel in the Grants Office, were awarded the IREX's University Administration Support Program (UASP) Fellowship in Research Management. The fellowship is composed of courses on Research Ethics and Integrity, Research Governance and Organization Research Governance and Organization Finding, Winning, and Managing Sponsored Research Funding, Crowdfunding, Intellectual Property. The fellowship's activities are designed to support participants in building Makerere University into a leading research institution that impact their communities and beyond. Following participation, fellows will be supported to implement reforms at Makerere University and integrated into the growing UASP alumni and research expert network.

## 2.7 Southern African Research & Innovation Management Association Leadership in Research & Innovation Management (Sarima) Conference 2022.

Mr. Mordecai Tayebwa the Senior Grants Manager was invited and attended the Sarima Conference in Wanderers Club, Illovo, Johannesburg, South Africa between 1-4 August 2022. The theme of Southern African Research & Innovation Management Association (Sarima) Conference 2022 was Research and Innovation Management for Impact Celebrating 20 years, and beyond. The Conference brought together Research and Innovation management practitioners to strengthen institutional and individual capabilities and capacity through leadership, advocacy, promoting and facilitating best practices.



*Makerere University College of Health Sciences Team at the Sarima Conference, 2022.*



*Mr. Mordecai Tayebwa presenting at the Sarima Conference, 2022.*



## 2.8 PK flech Grants Writing Training workshop



The Grants office supported The European and Developing Countries Clinical Trials Partnership (EDCTP)-2 Funded Project, 'Predictors of local emergence and spread of Artemisinin resistance among Ugandan *Plasmodium falciparum* parasites (Pkflech project) - Principal Investigator Dr. Ocan Moses in a 2 days' work shop training for

research trainees, and PHD students, MSc students, department Staff members, data collectors and/or data entrants, MSc scholarship applicants. The training objective was to provide trainees with knowledge on the fundamentals of Grants Writing and research management through the various topics and training sessions. The methodology of the training was a physical training with concurrent hands-on sessions to improve researcher's skills and performance. The training allowed time for questions and answers to support training efforts.



Researchers attending the PK flech grants writing training workshop in the MakCHS Boardroom

### 3) Formation of an effective network of research administrators in Africa

#### 3.1 Induction training with Amos Kalisiti from Busitema University

The Grants and Contracts Office supported the induction training and orientation of Grants officer of Busitema University, Mr. Amos Kalisiti Ndamanywa from 20<sup>th</sup>- 23<sup>rd</sup> January, 2022. Objective of this training was to equip him with updated information and skills in grants management. The Training covered practical, hands on and presentation sessions on pre and post award Administration/Grants



management cycle and submission, tips of successful Grants writing, how to search and identify funding opportunities, team formation and proposal development, organizing of systems, research costing, grants management at college in procurement, finance, different funder registration requirements, budgeting, accountability and preparing federal financial reports.

Mr. Amos Kalisiti's areas of expectation for this training were project monitoring and evaluation, Institutional registration to NIH, grants submission, Overhead costs and distribution within the college, good financial management practices, procedure on opening up grants bank account, staffing for effective grants management, budgeting processes, procurement processes, data base platforms / interpreting calls for proposals, data storage and accessibility platforms which were covered in the orientational training.



#### 3.2 Nineteenth (19<sup>th</sup>) H3Africa Consortium Meeting in Nigeria

Mr. Mordecai Tayebwa, the Senior Grants Manager was invited and attended the 19th H3Africa Consortium from 28<sup>th</sup>, May- 1<sup>st</sup>, June, 2022 in Nigeria organized by the National Human Genome (NHGRI), National Institutes of Health (NIH), Department of Health and Human Services (HHS), Sciences for Africa, Wellcome Trust (WT), and Institute of Human Virology Nigeria (IHVN). The goal of the H3Africa initiative was to facilitate a contemporary research approach to the study of the genomic and environmental determinants of common diseases in Africa with the purpose to improve the health population of African



population in the effort to solidify networks and find workable solutions to achieve our goals in a mutually beneficial manner.

### **3.3 Uganda Christian University (UCU) Benchmarking Meeting**

The Grants Office held a virtual benchmarking meeting with the Uganda Christian University (UCU) on 22/06/2022 under the Directorate of Research, Partnerships and Innovations, represented by Ms Angella Napakol, Head for Research and Partnerships, Prof. Elizabeth Kizito- Director for Research Partnerships and Mr. Hamilton Mbokureeba, Grants Officer. The purpose of the bench marking meeting was understand how MakCHS Grants office works, how it has set up systems, what challenges Grants office faces and how it overcomes them. Mr. Mordecai Tayebwa, Senior Grants Manager discussed the overview of research and grants management and discussed the importance of research offices and building partnerships with other institutions to support UCU bench marking process. Mr. Tayebwa discussed different institution registration requirements, and different funder requirements for proposal submission. The agreed on course of action going forward was to share an operation manual with the UCU team, share funding opportunity website, share policies used at Makerere University with the UCU team, share with the UCU team Conference dates for Research societies as a course of action in setting up a Grants office at UCU.

### **3.4 DSW Brussels office and Action 4 Health Uganda(A4HU)**

The Grants Office hosted the Deutsche Stiftung Weltbevölkerung during the content gathering trip at Makerere University on September, 12 ,2022. Action 4 Health Uganda(A4HU), and DSW Global visited Makerere University one of the key beneficiaries of the EDCTP program and a close partner of DNDi. Makerere University was identified to support gather evidence for EU-funded programs.

Gather content (photos, videos) that would be used across a number of advocacy communications outputs – including in publications, and on social media that make the case for why it is important for the EU to fund PRND R&D, particularly in partnership with African countries. This included photos, for example, of scientists in the lab, pipetting, looking into microscopes with a preference for HIV testing, mass-drug administration campaigns, or otherwise any general health care settings linking to the EDCTP, and their work on gender equality in research and innovation.

### **3.5 Soroti University Capacity building training in Research Administration.**

The Senior Grants Manager, Mr. Mordecai Tayebwa conducted a capacity building training in Research administration in Soroti University from 04<sup>th</sup> July to 8<sup>th</sup> July, 2022. MakCHS continues to source for partnerships and creating an enabling environment for quality innovative research impactful impact-oriented research excellence to meet the changing needs of society and for sustainable development.

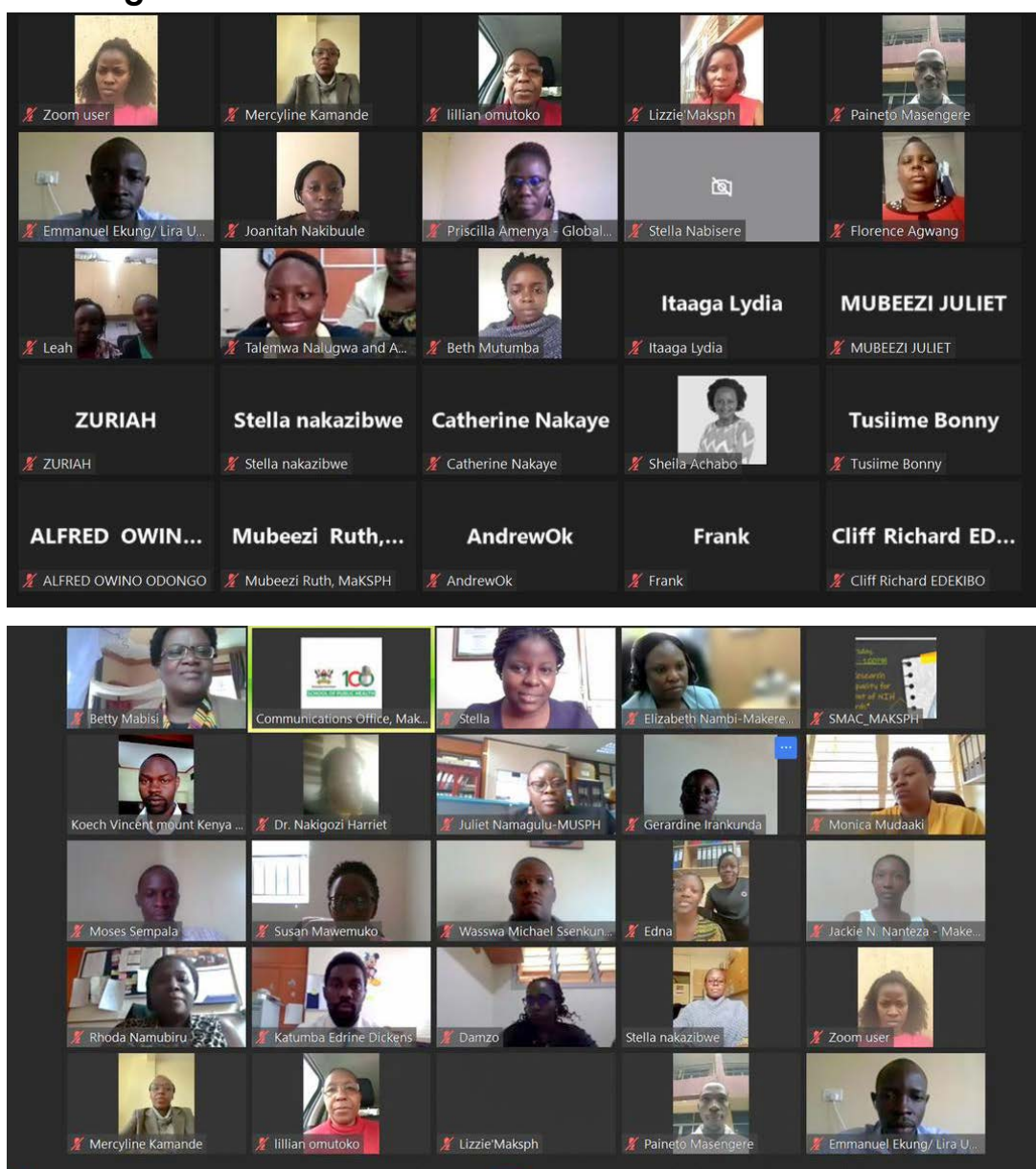
### **3.6 Due diligence/risk assessment exercise**

The Grants Office successfully supported Infectious Diseases Institute in a due diligence and risk assessment exercise from 25th July 2022. Makerere University, College of Health Sciences was selected as an implementing partner on the “Project for Research on Vaccine Effectiveness” (PROVE) project with Dr. Ocan Moses as Co-PI for the project. The engagement was successful and required internal audit assessment, microplanning and review of the Expression of Interest to participate.

### 3.7 Registration of the Research projects and Grants in the Grants Administration and Management Support Unit GAMSU Database System.

The Grants office supported the Grants Administration and Management Support Unit (GAMSU) successfully upload all the research projects and grants under the College of Health Sciences into GAMSU Database System. The GAMSU Database System is customized to Makerere University process operations as well as integrate with all units and colleges grants system as guided by the Makerere University Digital Enterprise Architecture and the national eGovernment framework. The objective of this exercise was to create a platform to track and monitor grants within the university and effect efficient administration and management of grants with compliance to university laws and laws of the government of Uganda.

### 3.8. Strengthening Makerere University's Research Administration Capacity for efficient management of NIH grant awards (SMAC) Training for research administrators

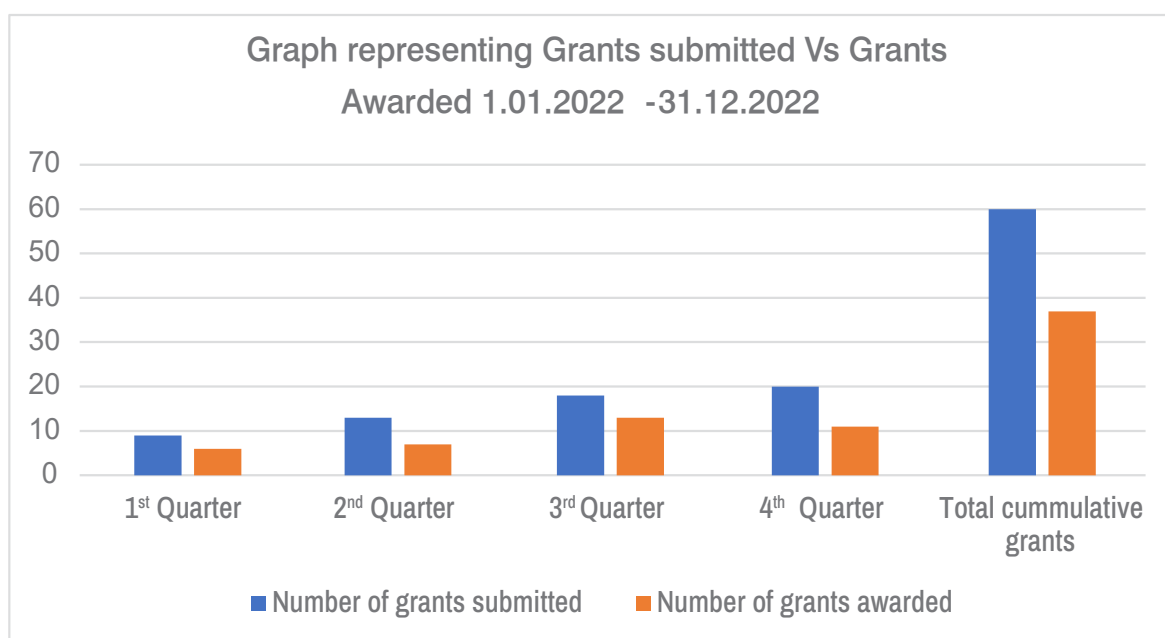


## 4. Grants Status

### 4.1 Summary of grants submitted Vs the grants Awarded, 2022

Summary of grants submitted Vs the grants Awarded.					
Quarter	1 <sup>st</sup> Quarter	2 <sup>nd</sup> Quarter	3 <sup>rd</sup> Quarter	4 <sup>th</sup> Quarter	Total cumulative grants
Number of grants submitted	9	13	18	20	60
Number of grants awarded	6	7	13	11	37

### 4.2 Graph representing Grants submitted Vs Grants Awarded January 01, 2022– December 31, 2022



### 4.3 Grants Submitted 1/01/2022 –31/12/2022

Grants Submitted 1/Jan/2022 –31/Dec/2022				
No.	Grant Title	PI	Funder	Amount
1	Strengthening Research Integrity in Uganda through Integrity Research, Policy Development and Capacity Improvement” (SRI-U Project).	Dr John Barugahare	Office of the Assistant Secretary for Health, Office of Research Integrity	\$292,780
2	Development of Theileria parvatransmission blocking universal vaccines: toward control of East Coast fever cattledisease”	Dr Charles Ndawula	African Academy of sciences- Arise grants	Euros 499,085
3	Monitoring emergence of Artemisinin resistance and the drivers in malaria management in Uganda	Dr. Ocan Moses	African Academy of sciences- Arise grants	Euros 499,992
4	Feasibility, accessibility and impact of second school- based mhealth combination intervention to prevent HIV risk	Dr. Janet Nakigudde	NIH	21,600
5	ImpleMEntation of a Digital-first care deLiverY model for heart failure in Uganda (MEDLY Uganda)	Dr. Isaac Sinabulya	NIH IC- NHLBI	\$1,684,154
6	Research Networks for Health Innovations in Sub-Saharan Africa (RHISA)	Dr. Kalyesubula Robert	GIZ	Euros 3,242,200
7	Community Displacement impact on mental health in the context of climate change.	Dr. Joy Onoria	NIHR Research and Innovation for Global Health Transformation Call 5	£1,525,237
8	Comparative analysis of the human milk antibody response elicited by maternal immunization with various COVID-19 vaccines in high- and low-income countries: effect of pre-existing immunity, boosters, and breakthrough infection	Thomas Egwang	NIH	897,112
9	Evaluating the accuracy and usability of point-of-care ultrasound for the diagnosis of pediatric tuberculosis in Uganda	Dr Eric Wobudeya	NIH	617,011
10	Enhancing Research capacity for Sickle Cell Disease and related NCDs across the Lifespan in Uganda. “Enrich Project”	Prof. Sarah Kiguli	NIH	1,235,832
11	Understanding Factors that Impact Student Learning in a Makerspace in Uganda	Dr. Robert Sekitoleko	Spencer Foundation	\$49,900.00
12	Infectious Diseases for soCial innovATion rEsearch training: INDICATE	Dr. Awor, Phyllis	NIH	\$ 1,235,371

13	Use familial cancer-risk among adolescents in Uganda as an impetus to promote critical life stage interventions that prevent NCDs.	<b>Dr. Wayengera Misaki</b>	NIH	\$2,424,304
14	Community UTI Uganda	<b>Dr. Henry Kajumbula</b> Ugandan PI and <b>Dr Catrin Moore</b> as UK PI	The Wellcome Trust Innovations	173,800
15	MQ FELLOWS AWARD APPLICATION	<b>Dr. Mwesiga Emmanuel</b>	MQ Mental Health Research Awards	£224,921
16	Use familial cancer-risk among adolescents in Uganda as an impetus to promote critical life stage interventions that prevent NCDs.	<b>Wayengera, Misaki</b>	NIH	\$2,478,305
17	Understanding Factors that Impact Student Learning in a Makerspace in Uganda	<b>Dr. Robert Ssekitoleko</b>	Spencer Foundation	\$49,900.00
18	Bone mass, bone turnover and body composition in people infected with HIV as minors. Adolescents_BMD-Study	<b>Dr. Sabakaki, Erisa Mwaka</b>	NIH	673,063
19	Makerere University College of Health Sciences - research training at the intersection of HIV and Non Communicable Diseases.	<b>Prof. Kirenga, Bruce James</b>	NIH	\$ 1,472,787.87
20	Tuberculosis in households with infectious cases in Kampala city: Harnessing health data science for new insights on an ancient disease with persistent, unresolved problems (DS-IAFRICA-TB)	<b>Dr. David Patrick Kateete</b>	NIH	\$749,995
21	Development of a web tool for auto universal tick classification: enhancing a one health approach toward control of tick-borne diseases using artificial intelligence	<b>Ndawula Charles</b>	NIH	\$749,290
22	Strengthening data science capacity in Africa focusing on practical skills, ethics and community engagement (SkillData)	<b>Prof. Moses Joloba</b>	NIH	\$591,973.12
23	Suubi4 refugee Youth: A combination Intervention for Mobile refugees youth and families in Uganda	<b>Prof. Noeline Nakasujja</b>	NIH	\$ 38,880
24	Clinical profiles of tuberculosis survivors with and without HIV co-infection in Uganda (laters study)	<b>Dr. Baluku Joseph</b>	Gilead Sciences Research Scholars Programs	\$ 99,798
25	Mentored Clinical Research to Improve Outcomes for Pediatric Mature B Cell Lymphoma in Uganda- Supplement	<b>Dr. Ruth Namazi</b>	NIH	\$16,684.00

26	Associations between PM2.5 and Source-Specific PM2.5-The AirQo research project and Cardiovascular/Respiratory diseases (hospitalization and ED visit rates) in the residents (children and adults) of urban Kampala, Uganda”	<b>Dr. Shelton Maringa Tendai</b>	Expertise France	€ 72,292
27	Investigation of Research Administration Capacities and Practices in sub-Saharan Africa	<b>Mr. Mordecai Tayebwa</b>	NCURA Research Program	\$40,000
28	Increasing active TB screening and case detection among men through integration of active TB screening within men-frequented services within formal health facilities in Uganda	<b>Dr. Kirenga Bruce</b>		\$ 307,071
29	Genetics and genomic research in Uganda: Towards context specific ethics guidelines- Supplement	<b>Dr. Joseph Ochieng</b>	NIH	\$ 148,669
30	Integrated Biorepository for H3Africa Uganda- Supplement	<b>Prof. Moses Joloba</b>	NIH	\$ 326,548.8
31	Evaluation of the impact of a school microenvironment air pollution exposure reduction package, on levels of key air pollutants and asthma symptoms among school going adolescents in Uganda (SCHOOLAIR	<b>Professor Moffat Nyirenda</b>	The Global Alliance for Chronic Diseases (GACD)	£ 1,499,982
32	Comparative analysis of the human milk antibody response elicited by maternal immunization with various COVID-19 vaccines in high- and low-income countries: effect of pre-existing immunity, boosters, and breakthrough infection	<b>Dr. Thomas Egwang</b>	NIH	\$ 897,111.72
33	Consolidating Research Ethics Capacity in Uganda through Training, Mentoring and Research	<b>Ochieng, Joseph</b>	NIH	\$ 1,232,736
34	Helminth infections and COVID-19 clinical outcomes	<b>Dr. Thomas Egwang</b>	NIH	\$297,000.00
35	S-Phase Enzymatic DNA Synthesis biomarkers for Rapid Detection of Mycobacterium tuberculosis and all TB drug resistance testing.	<b>Dr. Misaki Wayengera</b>	NIH	\$2,678,170.00
36	Exploration of ethical issues surrounding commercialization and benefit sharing in Ugandan genomic research.	<b>Sabakaki, Erisa Mwaka</b>	NIH	\$2,029,529.00
37	Gait Rehabilitation of Children with Cerebral Palsy using Robotics that Apply Pelvic Forces during Walkin	<b>Dr. Robert Sekitoleko</b>	NIH	\$189,000



38	EMERE study: A mechanistic pilot clinical trial utilizing nutrimetabolomics and nutrigenetics to determine the effect of diet on cognitive function in Uganda first-episode psychosis patient	Mwesiga, Emmanuel	NIH	\$ 271,880
39	Latent tuberculosis infection and neurocognitive impairment among people with HIV	Dr. Joseph Baluku	NIH	USD 49,599.99
40	Self-management Intervention for Reducing Epilepsy Burden among Ugandans with Epilepsy.	Dr. Mark Kaddu-mukasa	NIH	\$2,499,999
41	Prevalence, Incidence and Risk Factors for Chronic Kidney Disease of Unknown Origin among Farming Communities in Central and Eastern Uganda	Ssemugabo, Charles	NIH	518,249
42	Anti-tick-virus transmission-blocking recombinant vaccines: a one health approach toward control of re-emerging Crimean Congo hemorrhagic fever human disease outbreaks.	NDAWULA, CHARLES	NIH	481,041
43	Delineating the kidney brain axis in children with severe malaria (KID- BRAIN)	Batte, Anthony	NIH	482,546
44	Tuberculosis in households with infectious cases in Kampala city: Harnessing health data science for new insights on an ancient disease with persistent, unresolved problems (DS-I AFRICA -TB).	Kateete, David Patrick Nakatumba, Joyce Nabend	NIH	749,995.00
45	Development of a web tool for auto universal tick classification: enhancing a one health approach toward control of tick-borne diseases using artificial intelligence	NDAWULA, CHARLES	NIH	749,290
46	Strengthening data science capacity in Africa focusing on practical skills, ethics and community engagement (SkillData)	Joloba, Moses Lutaakome DeNero, John Nakatumba, Joyce Nabende Sabakaki, Erisa Mwaka	NIH	591,973
47	Building capacity for Global Infectious Disease (GID) Research Training Program in low-and middle-income countries (LMICs) at Makerere University College of Health Sciences and collaborating academic institutions	Nakanjako, Damalie Elliott, Alison		216,636
48	Automated Mobile Microscopy for Malaria Diagnosis and surveillance in Uganda;	Pl: Nakasi, Rose	NIH	744,509

49	Self-management Intervention for Reducing Epilepsy Burden among Ugandans with Epilepsy.	Dr.Mark Kadumuksa	NIH	2,499,999
50	Building Uganda's Infectious Diseases Research and Innovation Capacity	Prof. Moses Joloba	NIH	212,128
51	Mama Navigator: A transformational mobile phone-based App for obstetric ultrasound reporting and its effect on safer deliveries, spending and satisfaction.	Mike Kagawa	NIH	
52	Prevalence, Incidence and Risk Factors for Chronic Kidney Disease of Unknown Origin among Farming Communities in Central and Eastern Uganda	Ssemugabo, Charles	NIH	518,249
53	TEXAS CHILDREN'S HOSPITAL GLOBAL HOPE PROGRAM - MAKCHS PROPOSED PROGRAM COSTS	Dr. Ruth Namazzi	Global HOPE Funding Source	70,688
54	A mechanistic pilot clinical trial utilizing nutrimentabolomics and nutrigenetics to determine the effect of diet on cognitive function in Uganda first- episode psychosis patients	PI Mwesiga, Emmanuel	NIH	USD \$ 271,880
55	Exploration of ethical issues surrounding commercialization and benefit sharing in Ugandan genomic research.	PI Sabakaki, Erisa	NIH	\$1,917,996
56	Microbiome specific T-cell clonotypes as drivers of inflammation in HIV-associated COPD	Dr Alex Kayongo	MRC	£ 750,000
57	Associations between PM2.5, Source-Specific PM2.5, and Acute Cardiovascular and Respiratory Event	Dr. Shelton	MRC	£ 749,920
58	Africa Health research Institute proposal	Prof. Damalie Nakanjako	Wellcome Trust	\$1,279,000.14
59	Building a collaborative Research and Training platform for HIV and Rheumatic and Musculoskeletal Diseases in Uganda.	Dr. Mark Kaddumukasa	NIH	\$ 333,163.00
60.	ESR Research Seed Grant Global Agreement -Assessing the Safety and Effectiveness of the First Interventional Radiology Training Program in Uganda: A Quality Assurance Project.	Eva Nabawanuka	EIBIR gemeinnützige GmbH zur Förderung der Erforschung der biomedizinischen Bildgebung	14,000.00 €

### 3.2 Grants Awarded to MAKCHS including Subcontracts.

Grants Awarded to MAKCHS including Subcontracts. 1/Jan/2022 -31/Dec/2022					
No.	Grant Title	PI	Collaborating Institutions	Funder	Amount
1	Predicting and Preventing Tuberculosis Treatment Failure in an Emerging Co-Epidemic of HIV, Diabetes, and Tuberculosis".	Dr. Achilles Katamba	N/A	The Patterson Trust Mentored Research Award: Clinical, Health Services and Policy Research	48,890
2	Pilot study of an App to Assess Multiple Behavioural Risk Markers of Autism Spectrum Disorder" study, agreement # 4531491.	Dr. Angelina Kakooza	N/A	Duke Global Health Institute	\$ 2,172
3	A multicentre, prospective, randomized, open label, stepped wedge clinical trial of respiratory support with standard low flow oxygen therapy, frugal continuous positive airway pressure, and high-flow oxygen therapy in acute respiratory failure	Dr. Kwizera Arthur	N/A	Wellcome Trust	£ 528,540
4	The design and development of appropriate MedTec products for in country use; a regional comparison of West and East Africa.	Dr. Robert Sekitoleko	N/A	Worldwide University Network	GBP 1,750
5	Mycobacterium tuberculosis infection and DNA damage in HIV-associated lung cancer in Uganda	Dr. Joseph Baruch Baluku	N/A	NIH	\$ 39,982
6	'Pharmacokinetic and safety studies of new antiretroviral formulations: expediting UNIVERSAL first - and second-line regimens for all children living with HIV in Africa.	Prof. Annette Nakimuli	N/A	Paediatric European Network for Treatment of AIDS (EDCTP) and Paediatric European Network for Treatment of AIDS	\$ 7,000
7	Barriers and facilitators of the integrating female genital schistosomiasis screening using digital colposcopy in reproductive health clinics in schistosomiasis endemic area of eastern Uganda."	Mr. Abila Derrick Bary	N/A	African Research Network for Neglected Tropical Diseases.	\$ 16,384.20
8	Promoting Universal Health Coverage for Amputees through Social Enterprise and Engineering Innovation	Dr. Robert Sekitoleko	University of Salford, The University of Manchester, Aga Khan University	Medical Research Council (MRC).	£ 101,404

9	Development of Theileria parvustransmission blocking universal vaccines: toward control of East Coast fever cattle disease”	<b>Dr. Charles Ndawula</b>	N/A	African Academy of sciences- Arise grants	€ 499,085
10	Child mental Health in HIV-impacted Low-resource settings in Developing countries: Global Research Fellowship- Supplement	<b>Prof. Noeline Nakasujja</b>	The Washington University	National Institutes of Health (NIH)	\$ 15,012
11	Reducing the Impact of Rheumatic Heart Disease across the Life Span: The Impact Program	<b>Prof Nelson Sewankambo</b>	Cincinnati Children's Hospital Medical Center, Cincinnati Children's National Hospital	National Institutes of Health (NIH)	\$ 900,550
12	Promoting Universal Health Coverage for Amputees through Social Enterprise and Engineering Innovation	<b>Dr. Robert Sekitoleko</b>	Aghan University, University of Salford Manchester	The Medical Research Council	£ 101,404
13	Professional Services award- Assess and facilitate the introduction of the 2017/2018 WHO PPH recommendations in health care facilities in sub-Saharan Africa.	<b>Dr. Nakalembe Miriam Ivudria</b>	Concept Foundation Thailand	Merck and Co., Inc (Merck) via the MSD for Mothers initiative	\$ 36,684
14	Building Uganda's Infectious Disease Research and Innovation Capacity	<b>Prof. Moses Joloba</b>	UC-Berkeley	NIH	\$ 200,000
15	HIV-associated NCDs Research at LMIC Institutions	<b>Dr. Alex Kayongo</b>	N/A	NIH	\$ 273,120
16	Addressing barriers to uptake of LF-LAM test at poorly performing health facilities in the country through use of evidence-based quality improvement approaches so as to inform further implementation and scale up	<b>Dr. Bruce Kirenga</b>	The Clinton Health Access Initiative, Inc. ("CHAI"),	The Clinton Health Access Initiative, Inc. ("CHAI")	USD 49,990.27.
17	Implementation of standardized bioinformatics practices, pipelines and data structures in AMR sequencing laboratories in LMICs.	<b>Dr. Ivan Sserwada</b>	University of the Western Cape	Bill and Melinda Gates Foundation	\$ 20,000

18	Trends of Viral Non-Suppression and the Prevalence of HIV Drug Resistance among People Living with HIV/AIDS on Antiretroviral Therapy with Low-Level Viraemia in Uganda	<b>Dr. Nicholas Nanyeenya</b>	University of North Carolina at Chapel Hill, Johns Hopkins University, Morehouse School of Medicine, and Tulane University	UJMT LAUNCH Fellowship Program -	\$46,224
19	Reducing the Impact of Rheumatic Heart Disease across the Life Span: The Impact Program	<b>Nelson K Sewankambo</b>	Cincinnati Children's Hospital Medical Center and Cincinnati Children's National Hospital	NIH	\$ 971,779
20	UCSF-Gladstone Center for AIDS Research award	<b>Mr. Khamisi Musanje</b>	The Regents of the University of California, San Francisco.	NIH	\$ 19,877.0
21	Research Networks for Health Innovations in Sub-Saharan Africa- African One Health Network for Disease Prevention: Building Capacity for Sustainable Antimicrobial Stewardship Across sub-Saharan Africa	<b>Prof. Damalie Nakanjako</b>	N/A	GIZ GmbH Funding Initiative of the German Federal Ministry of Education and Research (BMBF)	901,920.00 €
22	Nurturing Genomics and Bioinformatics Research Capacity in Africa (Breca) -- Supplement	<b>Kateete, David Patrick</b>	N/A	NIH	\$67,020
23	Cf- Makchs-22-02: Provision of Professional Services to Concept Foundation	<b>Prof. Damalie Nakanjako</b>	N/A	Concept Foundation Limited,	USD 41968
24	Clean Air for healthier Cities: Scaling up participatory and collaborative monitoring, modelling and evidence - informed advocacy solutions for improved quality management in East and West Africa.	<b>Engineer Bainomugisha Everest</b>	N/A	US Department of State	\$ 440,435.60
25	Genetics and genomic research in Uganda: Towards context specific ethics guidelines-- Supplement	<b>Dr. Joseph Ochieng</b>	N/A	NIH	\$107,471
26	Oral Papilloma Virus, Microbiota and Cancer in People Living with HIV (OHPVMC)	<b>Prof. William Buwembo,</b>	N/A	NIH	\$491,601

27	Effect of Motivational Interview on Salt Intake Among Patients with Hypertension in Nigeria and Uganda	<b>Dr. Innocent Besigye</b>	N/A	The African Research Universities Alliance (ARUA) Centre of Excellence on Non-Communicable Diseases	£4,249.4
28	Integrated Biorepository of H3Africa Uganda- Supplement	<b>Prof. Moses Joloba</b>	N/A	NIH	\$320,069
29	Building Implementation Science Capacity at Makerere University to Strengthen the Response to the HIV/ AIDS Epidemic in Uganda- Supplement	<b>Prof. KAMYA, MOSES ROBERT</b>	N/A	NIH	\$100,000
30	NIHR Global Health Group on Perioperative and Critical Care"- 1 August 2022-31st July		Queen Mary University of London, University Court of the University of Aberdeen, The University of Birmingham, University College London, Barts Health NHS Trust, Muhimbili University of Health and Allied Sciences  The University of Cape Town, Busitema University, Makerere University  Debre Birhan University, Sefako Makgatho Health Sciences University	NIH	£ 17,688.00



32	"Molecular epidemiology of Klebsiella pneumoniae in neonates in Uganda-BMGF Klebsiella grant agreement	Mr. AMusa Wamawobe,	N/A	Bill and Melinda Gates Foundation "BMGF"	\$ 13,402.80
33	The Key to Sustainable Cancer Diagnosis and Treatment in Uganda	Dr. Robert Sekitoleko	N/A	NIH	\$ 112,050
34	Project for Research on Vaccine Effectiveness" (PROVE)	Dr. Ocan Moses		Master Card Foundation	USD 99,650
35	NIHR Global Health Group on Perioperative and Critical Care"	Dr. Arthur Kwizera	N/A	Secretary of State for Health NIHR	Pounds 17,688
36	Arua Centre of Excellence in Non-Communicable Diseases	Prof Damalie Nakanjako	N/A	UKRI	\$ 23,000
37	ESR Research Seed Grant Global Agreement -Assessing the Safety and Effectiveness of the First Interventional Radiology Training Program in Uganda: A Quality Assurance Project.	Eva Nabawanuka	N/A	EIBIR gemeinnützige GmbH zur Förderung der Erforschung der biomedizinischen Bildgebung	14,000.00 €

## 5. Grants office annual Performance Monitoring Matrix\_2022

### 5.1 Work plan Implementation progress in quarter one (Jan.-Dec. 2022)

PLANNED ACTIVITY	EXPECTED RESULT	ACHIEVEMENT SO FAR:	PENDING	Completion rate	Notes:
Strategic Objective 1: To strengthen research and research coordination					
To submit at least 50 research grant applications	50 research grant applications made	We Have so far successfully support submission of 60 grants application to different funders and 37 successfully awarded grants	-	100%	Complete
To hold research administration training in grants writing	20 proposal writing workshops held	We conducted and supported 13 training workshops both physical and virtual. 3 of these have been long term trainings that lasted more than 6 months.	-	100%	Complete
To disseminate grants database and generate research findings	Updates on the website and in the newsletter	The Grants office team disseminated 266 funding opportunities to CHS mail list and to personal emails of researchers and faculty members	-	100%	Complete
To build an effective individual and institutional membership base.	50 Registered individuals and or institutions in the MakCHS database	The Grants office paid institutional membership to <b>European Association of Research Managers and Administrators (EARMA)</b> , and individual membership in Southern African Research and Innovation Management Association (SARIMA), Society of Research Administrators International (SRAI) for researchers and faculty members.	-	100%	Complete
To procure and install a Grants and Contracts Office server	A database server will be procured and installed	Data base server specifications have been acquired.			Incomplete

<b>Strategic objective 2: To grow the capacity of staff and faculty in grant writing, management and staff development</b>					
To conduct training of faculty/ research administrators	Bi-annual training sessions conducted	We have conducted and supported 3 long term training that ran for a period of 12 months.	-	100%	Complete
To conduct annual training of researchers in basic proposal writing	1 annual training session conducted	We conducted an annual Research training supported by Research training and mentorship to strengthen brain health across the lifespan in Uganda project funded the National Institutes of Health (NIH)	-	100%	Complete
To attend international conferences organized by different funders.	5 international conferences attended by grants staff.	The Grants office has attended 4 physical capacity building international conferences	-	100%	Complete
To conduct workshops to build capacity of grants and contracts office staff.	Well trained staff.	We have attended 13 training workshops and attended 1 long term inhouse training.	-	100%	Complete
To provide mentorship and trainings in health research administration.	Development of competencies of research administrators	We had a 6-month mentorship training program. Pairing 64 junior research administrators with more experienced administrators for training skills in research management.	-	100%	Complete
<b>Strategic Objective 3: To Ensure sustainability and mobilization of resources for the Grants and Contracts office</b>					
To mobilize resources and identify funding opportunities	100 grants submitted	The Grants office team disseminated 266 funding opportunities to CHS mail list and to personal emails of researchers and faculty members.	-	100%	Complete
To encourage formation of finance sub-committees	Increased support of grants management.				Incomplete

To conduct review sessions, conference calls and regular meetings	Longevity of memberships	The grants Office has conducted regular physical meeting to fast-track Grants Office activities.	-	100%	Complete
To motivate researchers to be a part of grant writing collaborations	Improved grant writing skills of researchers	We conducted 3 grants writing training workshops to improve grants writing skills of researchers.	-	100%	Complete
To attract external researchers to work with MakCHS Grants and Contracts office.	20 external PIs attracted to MakCHS + Grants and Contracts office.	Makerere University has 52 external research collaborating institutions	-	100%	Complete
To meet personnel costs.	Quality performance of the grants staff	We met monthly personnel costs on time. Grants office team is well motivated.	-	100%	Complete
To purchase of office equipment.	Efficiency of the grant's office activities performed	We didn't not have any equipment procured this year	-	100%	Complete
To procure promotional materials e.g., calendars, pens, Dairies, etc.	Increased content addition.				Incomplete
To provide for office needs and Expenses such as Petty cash.	Maintenance of the grant's office	We received monthly petty cash that facilitated office needs and expenses.  We also disbursed fuel costs that supported grants office activities.	-	100%	Complete

## Recommendations/ Assistance sought

- There is need of support for the Grants support to be rendered to the Office to facilitate activity Implementation as per the strategic Plan and meet targets as per workplans.
- There is need for projects to support the office with the percentage of the overheads dedicated to supporting the office activities.

	Name	Signature	Date
<b>Prepared by:</b>			
<b>Approved by:</b>			



### **Grants Office, MakCHS**

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