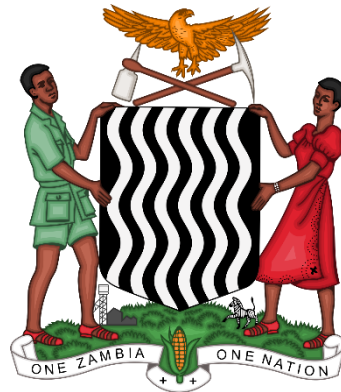


# Africa Centre of Excellence for Infectious Diseases of Humans and Animals-ACEIDHA University of Zambia

## NATIONAL MANAGEMENT STEERING COMMITTEE STATUS REPORT, JUNE 2020



**Prof. Bernard M. Hang'ombe**  
Centre Leader, ACEIDHA



# ACEIDHA VISION, MISSION AND CORE VALUES

## **Vision**

To become a leading centre for generating knowledge and skills for infectious disease prevention and control

## **Mission**

To conduct high level training through cutting edge research

## **Core Values**

Excellence

Innovativeness

Integrity, Collegiality

Transparency, Equity

# ACEIDHA Educational and Research Program Derivative Objectives

- PhD (20) and MSc (80) level training to develop critical mass of skilled human resources to both the private and public sectors
- Strengthen network/linkages with local, regional and international institutions
- Produce qualified manpower as future teaching and research faculty
- Develop advocacy programs for community and policy formulation
- Establish applied research programs
- Develop infectious disease counter measures
- Elucidate the ecology of pathogens

# Performance Indicators for Project Management

## DLI Definition Disbursement Linked Results (DLRs)

### 2. Education (Learning and Research excellence/development impact)

#### **2.1. Timely annual implementation plans**

2.2. Newly enrolled students in ACE courses at least 20% must be regional (African) students

2.3. Accreditation of quality education programmes

2.4. Collaboration and partnerships in applied research and training

2.5. Peer-reviewed journal papers/conference papers prepared collaboratively with regional or international partners

#### **2.6. Faculty and PhD student exchanges to promote regional research and teaching**

2.7. External revenue generation

2.8. Institution participating in benchmarking exercise

**DLI Definition****Disbursement Linked Results (DLRs)****3.0. Timely transparent and institutionally reviewed financial management**

3.1. Timely withdrawal application supported by financial reporting on the ACE account for the period in FY 2016, 17, 18, 19, 2020

3.2. Functioning audit committee under the university council for the period in FY 2016, 17, 18, 19, 2020

3.3. Functioning internal audit unit for the university in FY 2016, 17, 18, 19, 2020

3.4. Transparency of financial management (audit reports, internal financial reports, budgets and annual work plans are all web accessible in FY 2016, 17, 18, 19, 2020

**DLI Definition****Disbursement Linked Results (DLRs)****4.0. Timely audited procurement**

4.1. Timely procurement audit report in FY 2016, 17, 18, 19, 2020

4.2. Timely and satisfactory procurement progress report in FY 2016, 17, 18, 19, 2020

# Attained DLRs and Triggered funds

Disbursement Linked Results (DLRs)	Amount	Triggered Funds
2.2. Newly enrolled students in ACE courses at least 20% must be regional (African) students	\$1,200,000.00	\$772,000.00 (July 2020)
2.3. Accreditation of quality education programs	\$600,000.00	Two MSc programs submitted to HEA for national accreditation
2.4. Collaboration and partnerships in applied research and training	\$200,000.00	\$200,000.00 (July 2020)
2.5. Peer-reviewed journal papers/conference papers prepared collaboratively with regional or international partners	\$300,000.00 + \$200,000.00	\$300,000.00 (2018) \$200,000.00 (July 2020)
2.6. Faculty and PhD student exchanges to promote regional research and teaching	\$500,000.00	???????
2.7. External revenue generation	\$900,000.00	\$155,508.21 (Jan 2020) \$197,004.00 (Feb 2020) \$279,940.00 (Jun 2020)



# Funds Utilization

Amount Received (USD)	Date	Accumulated Withdrawn Funds	Percentage - Withdraw
1,160,352.00	07.02.18	1,160,352.00	19.35%
300,000.00	08.09.20	1,460,352.00	24.3%
155,508.21	06.07.20	1,615,860.21	26.9%

# Total Funds Triggered

Status	Amount Triggered	Percentage - Triggered
Withdrawn	1,160,352.00	
Withdrawn	300,000.00	
Withdrawn	155,508.21	
Not Withdrawn	1,448,944.00	
Total	3,064,804.21	51.1%

# ACEIDHA'S Main Activities and Highlights December 2019 to Date



# Student Enrollment (Postgraduate Training)

## Master of Science

Status	Female	Male	Total
*International Students (Stipend, Tuition & Research support)	7	4	11
*International Students (Tuition & Research support)		1	1
Local Students (Tuition & Research support)	14	8	22
Local Students (Research support)	7	11	18
<b>Total</b>	<b>28</b>	<b>24</b>	<b>52</b>

\*Namibia, Lesotho, Tanzania, Malawi, Somalia, Nigeria, South Sudan  
##Ethiopia, Eritrea, Cameroon, Rwanda, Mozambique

# Student Enrollment (Postgraduate Training)

## Doctor of Philosophy

Status	Female	Male	Total
*International Students (Stipend, Tuition & Research support)	3	2	5
*International Students (Research support)		1	1
Local Students (Stipend, Tuition & Research support)	11	7	18
Local Students (Research support)	5	5	10
<b>Total</b>	<b>19</b>	<b>15</b>	<b>34</b>

\*DRC, South Sudan, Uganda, Malawi

# Student Enrollment (Postgraduate Training)

## Graduated Students (MSc)

Status	Female	Male	Total
Graduated (2019)	10	9	19
*Graduating (2020)	7	4	11
<b>Total</b>	<b>17</b>	<b>13</b>	<b>30</b>

\*Kenya

# Summary of Total Students Under ACEIDHA

Programme	Female	Male	Total	Projected - PDO*
Doctor of Philosophy	19	15	34	(34 --- 20)
Master of Science	28	24	52	(82 --- 80)
Graduated	17	13	30	
	64 (55.2%)	52 (44.8%)	116	

\*Project Derivative Objective (PDO): PhD (20) and MSc (80) level training to develop critical mass of skilled human resources to both the private and public sectors

# Teaching Under COVID

## Digital Studio recording of Lectures





# Activities on Networks with international institutions

International Symposium with Hokkaido (February 2020)



# Activities on Networks with international institutions

International student exchange took place in March 2020 at the Norwegian University of Life Sciences.



# Activities on Networks with Local institutions

- COVID DIAGNOSIS SUPPORT – Zambia National Public Health Institute (Ministry of Health)
- Skoll foundation grant (US\$200,000=00)
  - US\$110,000=00 ZNPHI Direct Support on COVID surveillance
  - US\$70,000=00 Diagnostic Reagent Procurement
  - US\$20,000=00 Monitoring and Evaluation Support





## Master of Science Programs

- One Health food safety & Risk Analysis
- Ecology and Ecosystems Health
- Infectious Diseases and Zoonosis
- One Health Laboratory diagnostics

# Quality Management on Research and Training

- Done through the International Scientific Advisory Board which meets once a year. Last year the meeting was held in December.



# Next Activities

- Rehabilitation of ACEIDHA center
- Actualization of partnership agreements
- Joint grant applications to trigger external revenues for project sustainability (i.e. beyond current WB – funding)
- Commencement of MSc and PhD Research.

# Impact of the Program

Graduates of One Health Food Safety are working in the:

- Academia (Eden University, Evelyn Hone College of Health Sciences and Serenje Malcom Moffat Teacher's College)
- Ministry of Local Government (Senior Public Health Officers)
- Ministry of Health (Public Health Officers and Health Inspector – Food Safety)
- Ministry of Fisheries and Livestock (Veterinary Public Health Officer)
- Private sector: Global Industries

Challenges Faced by the Project	Suggestions/Remedies
1. International accreditation of Programmes	Currently IUCEA is being engaged and have promised to provide a list of International accreditors in the field of One health.
2. Extra work load to key staff implementing the Project	Understanding of key supervisors required; HOD and Deans.
3. Financing of ACEIDHA was done late (2 years lag)	Possible no cost extension.
4. Delayed release of triggered funds	Engagement with the Bank and IUCEA to reconsider the disbursement process
5. Inadequate Project visibility	Establishment of the Centre Website and a strong communication team



Challenges Faced by the Project	Suggestions/Remedies
6. Some DLI may need redefining and rearrangement due to <b>COVID-19</b> , such as DLR 2.6	Reengaging the Bank through the Regional Facilitation Unit.

# Challenges as a Result of COVID-19

- Online delivery has had problems with internet connectivity.
- Budgets to support international students who were unable to travel.
- Restricted movements to research areas and other training out stations.
- Loss of research detail, including research collaborations across institutions, borders, and disciplines, due to restricted movements.
- Practical training has been affected as reagents cannot easily be sourced as movement restrictions have affected transportation.
- International students that have travelled back to their countries claim to lack support for online learning.
- Unavailability of lecturers or resource persons in some specialized courses, as they are unable to travel and deliver their components.
- Lack of tools to support long distance practical learning for sciences.

# Possible Mitigation to the COVID-19 Challenge

- **Digital Studio Lecture capture:** is a process of creating a video resource in a recording studio rather than in front of a live class for the purpose of presenting course content to students.
- Recordings then made on CD's and memory sticks (traditional way) for students unable to access internet.
- This ensures a high quality audio and visuals to be presented.
- We envisage a situation where all recordings are uploaded on a server linked to Astria for students accessing internet.
- This exercise is very important to our International students.

# THANK YOU FOR YOUR ATTENTION



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