

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

**YR2 Annual Workplan Preparation Workshop  
Fringilla Lodge, Chisamba  
22 November, 2018**

**Professor Aaron S. Mweene  
Centre Leader, ACEIDHA**



# Vision, Mission, Core Values

Eastern and Southern Africa  
Higher Education Centers of Excellence Project

## ACE II



WORLD BANK GROUP

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## 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 goals***

- **PhD (20) and MSc (80) levels 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**

# Partnerships Agreements under preparation

- **Research Centre for Zoonoses Control, Hokkaido University, Japan**
- **Japan Initiative for Global Research Network on Infectious Diseases (J-GRID)**
- **Copperbelt University, School of Medicine**
- **University College Dublin, Centre for Research into Infectious Diseases**



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10<sup>th</sup> October, 2018

Prof. Eddie Mwenje  
Chairman of the RP-PCP  
Bindura University of Science Education  
P. Bag 1020  
Bindura  
Zimbabwe

Dear Prof. Mwenje

RE: UNZA'S OFFICIAL ACCEPTANCE TO PARTICIPATE ON THE RESEARCH PLATFORM ON CONSERVATIONS AND PARTNERSHIP (RP- PCP)

The above subject matter refers.


I wish to acknowledge with thanks, receipt of your letter dated 13<sup>th</sup> September, 2018 where the University of Zambia (UNZA) got approval to become a Regional member of the RP – PCP. I am delighted to learn that UNZA is the first non-Zimbabwean SADC research institution to join the RP – PCP consortium.

I wish to further acknowledge that UNZA and its networks such as the African Centre of Excellence of Infectious Diseases in Human and Animals (ACEIDHA) will take part in the scientific committees of RP – PCP. Additionally, UNZA will collaborate with the core members of the RP – PCP through projects, project proposals and co-supervision of students.

To promote and further operationalize collaboration, it would be prudent that networks such as ACEIDHA and RP- PCP are covered under a Memorandum of Understanding.

We hope that the collaboration between the RP - PCP and UNZA will be sustained and expanded.

Yours faithfully

  
Jolly Kamwanga, PhD.  
Acting Vice Chancellor

Cc: Acting Deputy Vice Chancellor  
Registrar  
Dean, School of Veterinary Science

# ACEIDHA'S Main Achievements and Highlights Jul-Dec, 2018





# Summary of Main Achievements and Highlights since January, 2018

1. Held a joint International Scientific Advisory Board (ISAB), with the SACIDS ACE of Sokoine University, Tanzania – November, 2018
4. Initiated process for rehabilitation of the ACEIDHA center
6. Recruitment of ACEIDHA staff completed
7. Held joint ACEIDHA/Association of African Universities (AAU) high profile workshop on Research Leadership, Communication, Commercialisation, Partnerships and Collaboration, 10 – 14 September, 2018, Livingstone, Zambia
8. Held 1<sup>st</sup> joint ACEIDHA/ Research Centre for Zoonosis Control (CZC)meeting 10-12 September, 2018
9. Developing four new MSc programs
10. Enrolled 22 PhD and 31 MSc students

# New and/or Revised ACE Ph.D., Master, and Short Term Courses developed

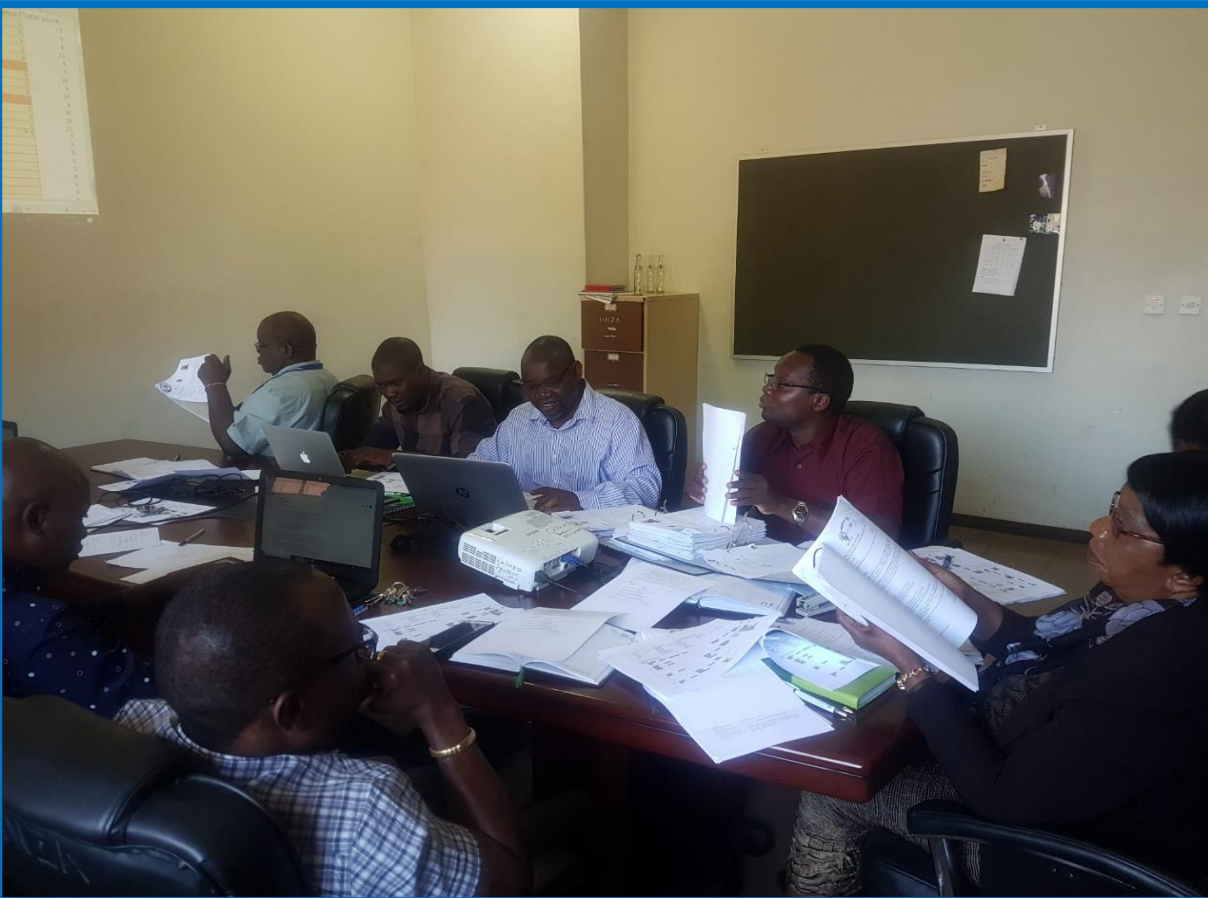
- **Training needs assessment undertaken in July, 2018**
- **Ph.D. programs**
  - Emerging and zoonotic viral diseases
  - Emerging and zoonotic bacterial diseases including antimicrobial resistance
  - Neglected tropical diseases
  - Vector-borne zoonotic diseases
- **Masters programs**
  - **One Health Food safety**
  - **One Health Analytical Epidemiology** | Undergoing revision & improvement
  - One Health food safety & Risk Analysis
  - Ecology & Ecosystems Health
  - Infectious Diseases and Zoonosis
  - One Health Laboratory diagnostics
- **Short term courses** - Research Leadership, Communication, Commercialisation, Partnerships and Collaboration

# Developed Selection criteria for scholarship award

- **Group according to research theme – submitted proposal**
  - Emerging and zoonotic viral diseases
  - Emerging and zoonotic bacterial diseases including antimicrobial resistance
  - Neglected tropical diseases
  - Vector-borne zoonotic diseases
- **Group according to whether the applicant is National or Regional**
  - For PhD – (5 regional and 15 national)
  - For MSc numbers to be worked out according to available resources
- **Group according to gender**
- **Research background** – Has candidate published before
- **Academic performance**
- **Give preference to candidates from academic/research institution**  
(in line with objectives of ACEIDHA)



# PhD Scholarship award selection process



## Candidate scoring system

S/N	Parameter	Score
1	Gender Male (1) Female (3)	
2	Research background: Published more than 1 (3) Published 1 (2) Not published (1)	
3	Institution of affiliation: Academic (3), Research (2), None Research/Academic (1)	
4	Academic performance at MSc: Outstanding (3), Average (2), Below average (1)	
5	Academic performance at UG: Outstanding (3), Average (2), Below average (1)	
	Total score	

## Distribution of applicants

Nationality	Female	Male	Total
National	17	45	62
Regional	10	14	24
Total	27	59	86

## Selected applicants

Nationality	Female	Male	Total
National	9	8	17
Regional	3	2	5
Total	12	10	22

# MSc Applicants Considered

## MSc OHAE

Nationality	Female	Male	Total
National	9	16	25
Regional	2	4	6
Total	11	20	31

## One Health Food Safety

Nationality	Female	Male	Total
National	17	23	40
Regional	0	4	4
Total	17	27	44

## MSc - Research

Nationality	Female	Male	Total
National	9	17	26
Regional	2	3	5
Total	11	20	31

# Applicants selected

## 2019 ENTRY

Program	Female-R	Female-N	Male-R	Male-N	Total-F	Total-M	Total
MSc OHAE	2	0	2	2	2	4	6
MSC FS	0	1	4	1	1	5	6
MSc R	2	0	0	1	2	1	3
Total	4	2	6	3	6	9	15

## 2020 ENTRY

Program	Female-R	Female-N	Male-R	Male-N	Total-F	Total-M	Total
MSc OHAE	-	2	-	2	2	2	4
MSC FS	-	2	-	2	2	2	4
MSc R	-	2	-	1	2	1	3
Total	-	6	-	5	6	5	11



## **Notes**

- **For 2020 intake, 5 places are reserved for Regional students**
- **Places for regional students to be re-advertised for 2020**
- **20 scholarships reserved for programmes under development in 2020**

# Delivery of Collaborative Short-Term Training

- ACEIDHA/AAU jointly delivered short term training during 10-14 September, 2018 in Livingstone, Zambia
- **Theme: Research Leadership, Communication, Commercialisation, Partnerships and Collaborations**

## Objectives

- Develop Research Leadership Skills;
- Build capacities for Demand Driven Research Approaches;
- Create awareness of Research Commercialisation concepts and processes - Licensing and Intellectual Property Rights;
- Discuss strategies for Disseminating Research findings and Enhancing Researchers' Online Visibility;
- Develop capacities for Strategic Partnerships and Collaboration.





# Short training-ACEIDHA-UNZA/AAU

- **Training contracts** between UNZA and Association of African Universities (AAU)
- **Service contracts** with three facilitators from DRC (**Prof Kubata Kilunga**, University of Kinshasa), Ghana (**Prof Samuel Annim**, Directorate of Research, Innovation and Consultancy of the University of Cape-Coast) and **Mrs Sarah Anku** (Ghana Intellectual Property Rights Officer)
- Participants (47 = 28 local +19 International) were drawn from Botswana, Uganda, Kenya, Nigeria, Zambia



# Regional bench marking

UNZA as one of the institutions hosting an Africa Centre of Excellence is expected to participate in benchmarking exercise

Partnership for Applied Sciences, Engineering and Technology (PASET) form was filled-in, signed and submitted by UNZA Vice Chancellor

**The PASET Regional Benchmarking Initiative to Strengthen African Universities**

**PASET**  
Partnership for Applied Sciences, Engineering & Technology

*An Africa-led initiative to bridge the skills gap in Applied Sciences, Engineering, & Technology*

Appendix: Participation Confirmation and University Focal Point of Contacts

I hereby confirm that University of Zambia will participate in the Benchmarking Initiative and subscribe to the full terms of reference for participation which includes inter alia (please check the boxes):

☒ Commitment to submit required data and support the focal points

☒ Willingness and commitment of the university to make practical and relevant changes informed by the results from the benchmarking and graduate tracer studies exercises

☒ Agreeing that the results from these exercises can be made public

**Nominate University's Benchmarking Focal Point (Lead and Co-Lead)**

**Focal Point (Lead)**  
Name: DR. EDWARD LUSAMBO  
E-mail: edward.lusambo@unza.zm  
Phone Number: 260 9771522553

**Focal Point (Co-Lead)**  
Name: MR. NKUMBA NKONDE  
E-mail: nkumbankonde@unza.zm  
Phone Number: 260 768 25758  
260 211 250871

**University Vice Chancellor/Rector/President**  
Name: PROF. LORE E. MUMBA  
Signature: [Signature]  
Date: 17-07-18

**VICE CHANCELLOR**  
UNIVERSITY OF ZAMBIA  
LUSAKA

PASET Benchmarking Initiative – University Participation Confirmation

# IDA funds received and Utilized

Amount Received	Date	Amount Utilized	Balance
USD 1,160,000	07.02.18	USD 406,868.73	753, 313.11

<b>DLI Definition</b>	<b>Disbursement Linked Results (DLRs)</b>	<b>Amount</b>	<b>Status</b>
	<b>2.2. Newly enrolled students in ACE courses at least 20% must be regional (African) students</b>	<b>\$1,200,000.00</b>	<b>Submitted list of students to IUCEA. Triggered \$300,000.00 under DLR #2.5</b>
	<b>2.3. Accreditation of quality education programmes</b>	<b>\$600,000.00</b>	<b>Three MSc programmes submitted to HEA for national accreditation. International accreditation to be considered in 2018/19 AWP</b>
	<b>2.4. Collaboration and partnerships in applied research and training</b>	<b>\$200,000.00</b>	<b>MoU preps on-going</b>
	<b>2.5. Peer-reviewed journal papers/conference papers prepared collaboratively with regional or international partners</b>	<b>\$300,000.00</b>	<b>Submitted list of 29 publications to IUCEA. Awaiting response</b>
	<b>2.6. Faculty and PhD student exchanges to promote regional research and teaching</b>	<b>\$500,000.00</b>	<b>On-going</b>



# Procurement Progress

Items procured (Works, goods, and consultancies)	Procurement request submitted on	Current Status
Curriculum development and review, Workshop package in Siavonga	02/02/18	Completed
Procurement of two motor vehicles	15/0318	Completed
Procurement of ICT equipment	20/03/18	completed
Curriculum development and review, Workshop package in Kabwe	20/03/18	Completed
Curriculum development and review, Workshop package in Siavonga	02/05/18	completed
Curriculum development and review ,Workshop package in Siavonga	06/06/18	Completed
Short-term course delivery_Research Leadership, Communication, Commercialisation, Partnerships & Collaboration), Workshop package	09/08/18	Completed
Rehabilitation of the ACEIDHA center	06/07/18	Ongoing

# ACEIDHA beneficiaries

- Financial Officer training in South Africa
- Purchasing and Supply Manager training, South Africa
- Dr. Edgar Simulundu, Institute of Human Virology, Baltimore, Maryland, USA
- Centre Scientific Coordinator, Training & Research Coordinator, One Health Coordinator, NTDs Coordinator - Project Management, Monitoring and Evaluation, South Africa
- Local WB short training and orientation for
  - Centre members (Centre Leader, Centre Scientific Coordinator)
  - UNZA Financial personnel (Mr. Norman Kamanga, Mr. Jameson Libinga)
  - Procurement Unit (Mr. Eugene Mwila, Mrs Theresa, Mrs Faith Chipasha)
- Support for national professional body engagements
  - Mr. Damaseke Chibale, Mrs Acbertha Matimuna, Mrs Faith Chipasha,

# Capacity building training

S/N	Name	Training	Venue	Date
1.	Aaron Mweene	Research Commun. & Commercial.	Ghana	15 - 17 May 2018
2.	Damaseke Chibale	Research Commun. & Commercial.	Ghana	15 - 17 May 2018
3.	Andrew Phiri	Project Mgt, M&E	South Africa	25 -29 June 2018
4.	Chummy S, Sikasunge	Project Mgt, M&E	South Africa	25 -29 June 2018
5.	Martin Simuunza	Project Mgt, M&E	South Africa	25 -29 June 2018
6.	Musso Munyeme	Project Mgt, M&E	South Africa	25 -29 June 2018
7.	Humphrey Simukoko	ACEII tailored M&E	Kenya	23 July - 03 Aug 2018
8.	Bernard Hang'ombe	ACEII tailored M&E	Kenya	23 July - 03 Aug 2018
9.	Chummy S. Sikasunge	ACEII tailored M&E	Kenya	23 July - 03 Aug 2018
10.	Jameson Libinga	Financial Management	South Africa	06 -18 Aug 2018
11.	Eugene Mwila	Procurement Management	South Africa	01 -12 October, 2018
12.	Norman Kamanga	Financial Management	Zambia	31 July, 2018
13.	Aaron Mweene	Financial Management	Zambia	31 July, 2018
14.	Thresa C. Siyumbwa	Financial Management	Zambia	31 July, 2018

# Performance appraisal meetings (in red are sponsored by partners)

S/N	Meeting	Venue	Date
1.	ACE II Technical & Advisory meeting	Ethiopia	27 - 28 April, 2017
2.	ACEII Technical & Advisory meeting	Rwanda	18 - 19 October, 2017
3.	Joint ACE I & ACEII Technical and Advisory meeting	Ghana	07 - 09 November, 2017
4.	ACEIDHA brief to School of Vet Med	Vet School	17 April, 2018
5.	ACE II Technical & Advisory	Zambia	09 - 10 May, 2018
6.	WB/IUCEA, ACEII RFU Tech Support visit	UNZA	08 May, 2018
7.	National Steering Committee	Lusaka	18 July, 2018
8.	World Bank Portfolio Review Meeting	Lusaka	26 - 28 March, 2018
9.	World Bank Portfolio Review meeting	Lusaka	11 - 11 June, 2018
10.	World Bank Portfolio Review meeting	Lusaka	17 - 19 September, 2018
11.	Japan – Africa Education Forum	Japan	22 -26 October, 2018
12.	20 <sup>th</sup> GVN International Meeting	USA	22 - 27 October, 2018
13.	ACE II Technical & Advisory Meeting	Rwanda	12 -14 November, 2018
14.	10 <sup>th</sup> GVN Global Conference	France	28 - 30 November, 2018

# Next Steps

- **Finalising development of the four MSc programmes**
- **Completion of enrollment of MSc and PhD students**
- **Commencement of MSc and PhD training by Research**
- **Rehabilitation of ACEIDHA center**
- **Work towards accreditation of ACEIDHA training programs**
- **Actualization of partnership agreements**

## Next steps cont'd

- **Implementation of next (2019) ACEIDHA Annual Work Plan to commence on time depending on disbursement of funds (attainment of DLIs)**
- **Need to mitigate challenges associated with the procurement processes within the UNZA system**
- **Find avenues for expediting accreditation of ACEIDHA programmes at national level**
- **Initiate International accreditation with selected institutions from list provided by IUCEA**
- **Fostering more international, regional and private sector partnerships/collaborations**



# Next steps cont'd

- **Initiate self-evaluation exercise**
- **Creation of the ACEIDHA Logo**
- **Establishment of the ACEIDHA Website**

# Challenges

- **Procurement processes too long**
- **National and International accreditation of ACEIDHA programmes**
- **Fostering international and regional partnerships/collaboration with private sector**
- **Governance/implementation arrangement yet to be fully understood/appreciated in the university**

# Areas where support is required

- **Continuous technical and implementation support including financial management, procurement, disbursement, and safeguards should be provided by:**
  - ❑ **Country World Bank team**
  - ❑ **Inter-University Council for Eastern and Southern Africa (IUCEA) the ACE II RFU)**
  - ❑ **National Steering Committee (NSC)**
  - ❑ **The University of Zambia Executive Management**
  - ❑ **All Schools and Units in the University of Zambia**
- **Accreditation issues**
- **Identification of relevant training programmes**
- **Timely, interventions regarding mitigation of potential bottle necks in the day-to-day running of the project (open door policy)**
- **Need to increase more awareness of ACEIDHA Governance/implementation arrangement to the university community and others**

## Key Partners & Funders

SACIDS–ACE

