

# FY2020 Inter-University Exchange Project Hokkaido University

Support for the Formation of Collaborative Programs with African Universities

**【Name of project】** (Adopted year: FY2020, (Type A②)) International Veterinary and Conservation Medicine Education Program: Building upon generations of collaboration between University of Zambia and Hokkaido University for the future of Africa-Japan relations

## 【Summary of Inter-University Exchange Projects】

### Issues and social demands

Global issues that conservation medicine needs to address

- > Changes in the distribution of agricultural and livestock products on a global scale
- > Continuing outbreaks of infectious diseases
- > Health and welfare of Human and animal
- > Global ecosystem change and transboundary pollution

International Veterinary and Conservation Medicine Education Program:  
Building upon generations of collaboration  
between University of Zambia and Hokkaido  
University for the future of Africa-Japan relations



### One Health Concept Ability to collaborate with overseas and different fields

- Human resources to be developed
- Conservation medicine for the health of humans, animals, and the environment
  - Cultivation of thinking attitudes that will contribute to the advancement of conservation medicine on a global scale
  - Fostering the next generation of human resources who will contribute to the enhancement of collaborative relationships between Japan and Africa

Crossing Borders in Conservation Medicine  
It needs to operate in the international arena

### About 40 years of research and educational exchange

- Ministry of Education, Culture, Sports, Science and Technology (MEXT) GP, functional enhancement expenses (local education for undergraduates)
- Establishment of Hokkaido University Lusaka Office
- J-Grid, SATREPS, JICA training, and many other exchange programs

- Sending Graduate Students from Hokkaido University to the University of Zambia to Strengthen Interdisciplinary Collaboration
- Maintaining the health of the environment surrounding humans and animals through human resources that contribute to the development of conservation medicine
- Contributing to the resolution of transboundary and global issues through the One Health concept
- Inviting excellent students from the University of Zambia to Japan to serve as a bridge between Africa and Japan
- Providing an environment to learn about cutting-edge conservation medicine education and basic research

## 【Summary of Exchange program】

The concept of conservation medicine is a new academic field that has spread around the world since the beginning of 2000. It is also a concept of One Health, which considers health problems caused by environmental changes associated with human activities and associated infectious diseases and pollutants as drivers of health and other related problems for humans, animals, ecosystems, and the entire planet. Based on this new concept, we will provide international education in conservation medicine in collaboration with the University of Zambia. In addition, a stakeholder board consisting of people involved in conservation medicine in Japan and Zambia will be established to conduct competency evaluations and effective and high-quality education.

## 【Global Human Resource on the project】

- Human resources that will be willing to work with Africa in the future promoting collaboration between Africa and Japan and contribute to solving issues in "conservation medicine"
- Human resources that can actively collaborate with people from different fields and contribute to One Health by integrating international issues.

**【Feature on the project】** Exchanges with a view to sub-Saharan Africa. Provide of online contents. In addition, competency evaluation will be conducted for this program.

## 【Exchange number】

		2020	2021	2022	2023	2024
Out bound	Students studying abroad	/	8	8	8	8
	Students taking online international education and exchange programs in their home countries	4	10	10	10	10
In bound	Students studying abroad	/	4	4	4	4
	Students taking online international education and exchange programs in their home countries	8	10	10	10	10