

Student Free Design Activities (One Health Collaborative Training) 報告書 Report

報告者 [Reporter]

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活動報告 [Activity Report]

※活動内容が判る様な写真や図表を加えて下さい。 / Provide photos, tables and figures that clearly show the activities during the period.

タイトル [Course Title]	M405_Student Free Design Activities (One Health on-site Training)
実施期間 [Periods]	March 20 th – April 6 th
共同実施者 [Other participants]	Yurie Taya
言語 [Language]	English, Chichewa
実施場所 [Location]	Malawi (Lilongwe and Nkhotakota)

申請時計画の実施報告 [Report how you carried out your plan in the application form]

Did you follow the schedule you initially planned? Did you get the outcome(s) you expected? Please describe what you did during the activity period in detail.

Yes, we follow the schedule for the planned activities. Our first activity was a field study: Investigation of Trypanosomiasis and Taenia parasites in dogs. For this work we had collected blood and faecal samples from 100 dogs in Nkhotakota Malawi. The blood and faecal samples were processed for export to Japan. We attained the MOU meeting between LUNAR and Hokkaido University. Professors and lecturers from LUNAR University and professors and students from Hokkaido University attended this meeting. We also had the opportunity to visit the university and get to know its working environment. The meeting was very fruitful and we received a lot of information about how collaboration between developed and developing countries works.

The center for ticks and tick-borne disease is currently producing the Muguga cocktail East Coast fever vaccine, which will be distributed to up to 11 countries in Africa. We learned about the rearing process of ticks' colony in lab, tick infestation in animals, dissection of ticks and scoring of salivary glands and antigen slide preparation. This was a good opportunity to visit such center and got hands on practices.

目的達成状況報告 [Report how you achieved your goal/objectives listed in the application form]

Did you achieve all the goals you initially planned? If not, please describe why you failed to fulfill your objectives.

We did all the activities as planned. We successfully collect samples from dogs, attained MOU meeting, visit Tick- and tick-borne disease center but unable to collect ticks. We did flagging and applied different ticks trapping methods in the Lilongwe wildlife center but we didn't get any ticks may be that area is not suitable for ticks survey.

One Health Approach実践報告 [Report how your activity could link to One Health Approach]
Did you have a chance to experience One Health approach (collaboration with people from other academic areas)? Please describe some of the examples of One Health approach you implemented in your activity. Otherwise, explain the possibility(ies) how you could link this activity to One Health approach for your future. Yes, we got chance to experience one health approach. Through meeting with lecturer from LUNAR university and staff from the Lilongwe wildlife center, we got opportunity to learn about how they work in one health approach. Similarly, we were involved in fecal, blood and tick sample collections from dog to study zoonotic parasite including <i>Echinococcus</i> in fecal samples and tick-borne infectious pathogens of one health importance. As visit to tick- and tick-borne center improve our knowledge to understand zoonotic tick- and tick-borne infectious pathogens and experience working in such center in developing countries will be help to implement similar technique in my country Nepal after completion of PhD study.
備考 [Remarks]

- ※ 報告書を作成後、担当教員に確認をお願いし署名をもらってください。PDFファイルとしてVetlogから提出してください。
提出先：「Student Free Design Activities報告書」
- ※ **Please ask your instructor to check this report and get his/her signature. The scanned report is to be submitted through Vetlog 「Student Free Design Activities Report」.**