

This report should be submitted within 2 weeks after you return to Japan. Please do not change the formatting

(Abroad • Domestic) Internship report form (Student)

2019/09/24 (Year/Month/Day)

Name	MOONGA Chinyama Lavel
Laboratory	Division of Collaboration and Education
Year (Grade)	D3
Internship institution	University Teaching Hospital, Zambia.
Internship period	Internship period: 08/06/2019 - 09/13/2019 (Departure Date from Sapporo: 08/02/2019, Arrival Date in Sapporo: 09/17/2019)
Purpose	To undertake internship abroad

- The reason why you chose this institute

Biggest research and teaching hospital in Zambia which serve as a link between animal and human infectious diseases control countrywide.

Conduct research on common parasitic diseases at human hospital, some of which are zoonotic.

- Result of the activity (about 800 words、provide photos, tables and figures that clearly show the activities during the period)

Set up a PCR system for the screening of *Rickettsia* in UTH and furthermore validated a PCR for malaria screening for routine molecular testing of samples in UTH (Picture 1). Held collaborative meetings together with my internship supervisor and Hokkaido University assistant supervisor at Chongwe District Hospital (Picture 2) and National Malaria Elimination Center for *Rickettsia* research and successfully acquired samples from the named institutions.



Pic. 1

1. *Rickettsia* screening of human samples by PCR at UTH lab.



Pic. 2

2. After meeting for collaborative research on *Rickettsia* survey at Chongwe District Hospital.

Conducted awareness campaign (Picture 3), questionnaire survey (Picture 4) and molecular screening for Human African Trypanosomiasis (HAT) in Ngoma National park as part of active surveillance for neglected tropical diseases in high-risk areas.



Pic. 3

3. Explaining WHO comic on HAT to resident in HAT high risk area in Ngoma National Park during field surveillance .



Pic. 4

4. Interviewing residents on HAT awareness by questionnaire in HAT high risk areas in Ngoma National Park.

- What do you think the positive impact of the activity will have on your further career path?

Successfully set up research connections in UTH, National Malaria Elimination Center and other hospitals for collaborative research in infectious diseases in future.

Acquired experience in field epidemiological surveillance and conducting awareness campaign on important neglected tropical diseases.

- Advice for your junior fellows

Stay focused but not rigid. Learn from others and be friendly to everyone.

Make plans about your internship right from first year to avoid panic.

Approval of supervisor	Institution • Official title • Name
	CZC. assoc. prof 山崎潤也

- ※1 Send the electronic file to the Leading School section, International Affairs Office
- ※2 Attach a copy certificate of the content of internship activity that is prepared by the counterpart at the internship institution (any form with a signature of the counterpart).
- ※3 The Steering Committee of the Leading Program will first confirm the content of this report and report will be forwarded to the Educational Affairs Committee for credits evaluation.

Submit to : VETLOG

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