

(Abroad • Domestic) Internship report form (Student)

(Year/Month/Day) 2015/12/18

Name	Shirin Akter
Laboratory	Parasitology
Year (Grade)	D3
Internship institution	"The 6th Asia-Pacific Workshop on Multi-Sectoral Collaboration for the Prevention and Control of Zoonoses" in Hokkaido University Research Center for Zoonosis Control and OIE Regional Representation for Asia and the Pacific (RRAP) office in Tokyo.
Internship period	Internship period: October 27th- 30th, 2015 and the following-up in OIE Tokyo office from November 30th to December 1st, 2015. (Departure Date from Sapporo: 11/29/2015, Arrival Date in Sapporo: 12/02/2015)
Purpose	To contribute in organizing the international conference as an assistant and to learn about the roles of intergovernmental organizations (FAO, OIE and WHO) in multidisciplinary work on One Health concept.

- The reason why I chose this institute

- To get an opportunity to be involved in organizing an international workshop and also involved in the discussion as part of the facilitators.
- To understand how such a multi-sectoral collaboration in Asia-Pacific region can be used to address the health risks under One Health concept at the human, animal and ecosystem interfaces.
- To gain experiences by contributing in the progression of the tripartite coordination mechanism which are helpful for my future initiative to lead the international conferences and to organize collaborative works.
- To develop future research projects which can contribute to overcome the challenges identified practically through disease control implementation.

- Result of the activity

Day 1-Day 4: Research centre for Zoonosis Control

Day 1, 27 October 2015– On this day, all the OIE staff and intern students (5) gathered at the CZC, Hokkaido University. It was the day of self introduction, receiving an orientation about the OIE and one health concept and finally preparatory work for the meeting. We interns worked with the staff to set up the meeting room and logistics for the preparation of the workshop which was a great and first time experience for me.

- Dr. Hirofumi Kugita (OIE Regional representative for Asia and the Pacific) delivered us a lecture about the concept of OIE and the One Health covering the governance, history and main objectives of OIE. By

attending the lecture, I could get a better idea about the activities of OIE with other international collaboration for managing risk at the animal, human and ecosystem interfaces.

I will attach the workshop schedule for understanding the internship activities.

Day 2 (28 October 2015)

I participated the whole meeting as observer and also note taker. I supported the meeting facilitators during group work and discussion.

There was two sessions entitled "Multi-sectoral Collaboration for Zoonoses Prevention and Control: Five Years in Retrospect" and "Situation Update on Zoonoses".

- From the session 1, one video provided about the summary of previous workshops of tripartite (OIE/FAO/WHO) which started since 2010, was helpful for understanding the tripartite collaborative activities in last five years. I could understand about the implementation of the activities under one health advocacy and many other coordination activities for prevention and control of zoonoses in the Asia-Pacific region.
- In session 2 which focused on situation update on zoonoses, presentation on regional zoonotic disease status provided us information about regional efforts by APSED (Asia Pacific strategy for Emerging Diseases) and also the outbreak information of MERS-CoV, Influenza, leptospirosis and Nipah virus infection in the affected countries. It was realized that multi-sectoral collaboration at the interface of human and animal health is of key importance to address zoonotic threats.
- Findings of zoonoses questionnaire which previously distributed to the partner countries and according to the questionnaire, a total of 48 zoonoses were reported in 2015 of which Rabies, Anthrax, Avian influenza, Leptospirosis and Brucellosis were the top 5 prioritized zoonotic diseases and got information about the distribution of these diseases in Asia, the Far East and Oceania.
- There was a lecture about the scientific updates on three main zoonoses, Influenza, MERS-CoV and Ebola which was informative enough to understand the prevalence, risk factors, and challenges for the prevention and control of these zoonoses.
- From the panel discussion of sharing country experiences on Rabies in the Philippines and Influenza in Korea (Rep. of), we could see that how they are designing the control strategies at country level in coordination with the support of international partners to eliminate or minimize the outbreaks.
- Updates on flagship topics in the regions were presented which provided the information about the outcomes of the ASEAN/SAARC meeting on prevention and control of rabies. In Vietnam, ASEAN Rabies Elimination strategy (ARES) has been developed. Joint Risk Assessment for Zoonotic influenza at the animal and human interface.

Day 3 (29 October 2015)

- From session 3, lesson was learned about how the multi-sectoral collaboration with the international partnership is contributing to response to public health emergency events like Nepal earthquake in 2015.

We can imagine the disaster situation and how they prepared the immediate action plan to minimize the damages and losses, spreading of communicable diseases and so on. Knowledge about the preparedness, responses, recovery plan and international supports was gained through this session.

- Lecture about the Good governance on animal/human interface: IHR and PVS approach provided us the information about what are the WHO IHR monitoring framework and OIE PVS pathway and what are the aims and objectives of these two tools and how to obtain synergy between IHR and PVS tool for better intersectoral communication, coordination and collaboration between the animal and human health sectors.
- I had a better idea about the AMR (anti microbial resistance) which is a global public health crisis and the global action plan on AMR launched by the WHO, FAO, OIE and their activities at regional levels.

Day 4 (30 October 2015)

From the PARTNERS' forum, we could achieve information about the role of variety of other organizations or development partners. They shared their experiences on the range of topic discussed which was important to understand what strategies they are adopting to work under one health concept.



Group photo with all participants

Facilitated wall hart discussion

Group work

Day 5 and Day 6: Follow up meeting at OIE Regional Representation for Asia and the Pacific (RRAP) office, Tokyo.

Day 5 (30 November, 2015)

- Interns gathered at the OIE RRAP Tokyo office for follow-up meeting and shared their experiences about lessons learned from the One Health workshop in Sapporo.
- Lecture about OIE standard setting particularly for avian influenza and rabies gave us idea about the general mandate of the OIE, international standards development, OIE missions for the prevention and control of rabies and HPAI.
- Information was delivered about the collaborative activities of the FAO-OIE-WHO tripartite to apply the One Health approaches by combining their respective expertise to reduce the risk to health at human-animal-ecosystems interface.

Day 6 (1 December, 2015)

- We attended lectures about the zoonoses situation and also OIE's disease reporting system and

information dissemination procedures. I got idea about the WAHIS (World Animal Health Information System) using for disease notification and data feeding by the OIE delegates or authorized person. We can get country information, disease distribution, disease control measures and many other updates using the WAHID interface website.

- We learned how to use WAHID interface Homepage of OIE website and we made a power point presentation individually on different topics using WAHID.



Listening lectures at OIE Tokyo office



Interns with OIE staff in front of OIE office

- The positive impact of the activity on my further research, student life and career path

First of all, before attending this internship program I did not have good knowledge about the international organizations and their activities particularly about OIE and tripartite collaboration (OIE/WHO/FAO). Through attending this workshop as an intern I tried to understand the major gaps between the academic research and the implementations of preventing and controlling the diseases which I cannot learn in regular laboratory research works. These experiences will help me to refer the gaps from the field to the laboratory and also to consider incorporating translational topics into my future research. I had fruitful conversations with the national and international decision makers and I tried to get directions or hints for my future research career to contribute in preventing and controlling the zoonotic diseases by my research findings.

- Advice for junior fellows

Students who want to learn about the role of intergovernmental organizations for the prevention and control of Zoonoses, they should attain such kind of meetings organized by the international organizations if they get the opportunity. It is really helpful for them who are eager to know the field situation of the zoonotic diseases and how the intergovernmental organizations are implementing their multidisciplinary works on One Health concept at country and regional level to reduce the public health threats. After all, who have a future plan to work with the international organizations it will be a nice experience for them to go forward.

Approval of supervisor	Institution ・ Official title ・ Name Graduate School of Veterinary Medicine. Professor. Ken Katakura <div style="text-align: right;">印</div>
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