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THOHUN NEWSLETTER

2019 vol. 2

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ONE HEALTH

AMBASSADORS:

NEW BREED OF ONE HEALTH TRAINERS AND PRACTITIONERS



In 2018, THOHUN assisted partner government agencies under the Thai One Health MoU to plan and develop guidelines for multi-sectoral coordination and risk communication for rabies outbreak among health professionals and practitioners.

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Rabies risk communication curriculum has been developed for health and non-health workers involved in rabies prevention and control. With emphasis on rabies-related knowledge, facts, and communication strategies, a platform was further developed to train undergraduate and graduate students within the network.

Sixty multidisciplinary students from THOHUN universities were trained during a 2-day workshop. The students went through eight training stations, each managed and facilitated by THOHUN's experienced pool of multi-disciplinary

trainers. Students were trained on a variety of information related to rabies infections in humans and animals. Rabies epidemiology, mode of transmission, signs/ symptoms, and prevention and control measures were covered.

Training activities and guidelines on risk communication were developed, reviewed and revised by multidisciplinary THOHUN facilitators and an expert from the Bureau of Risk Communication and Health Behavior (Department of Disease Control, Ministry of Public Health)



Competencies are knowledge, skills, and behaviors that are measurable.

Thailand's "**One Health Core Competency (OHCC)**" domains have been defined since July, 2012.

THAILAND'S OHCC DOMAINS and subdomains

Culture and Ethics

Cultural Sensitivity, Belief Systems, Respect and Fairness for Individuals, Respect and Fairness in Teams, Respect and Fairness between Organizations, Accountability for Full Impact

Planning and Management

Planning, Design, Implementation, Evaluation

Systems Thinking

Systems Knowledge, Systems Management, Systems Evaluation and Improvement

Communication and Informatics

Communication Management, Information Management

Leadership

Strategic and Critical Thinking, Shared Visions, Decision Making, Collaborative Solutions, Team Commitment

Collaboration and Partnership

Stakeholder Identification, Stakeholder Recruitment, Stakeholder Roles, Stakeholder Retention

One Health Knowledge



During the workshop, participants practiced their skills to identify and prioritize problems in the community, find the causes of these problems, formulate potential solutions, and give feedback to the community.

After the workshop, students gained skills in line with Thailand's OHCCs within the context of rabies-related facts, beliefs, prevention and control strategies strategies, and risk communication.

The workshop was designed to prepare them to become "One Health Ambassadors" and enable them to transfer One Health knowledge and skills to other learners across Thailand.

STUDENTS LEARNED
HARD & SOFT SKILLS



Using the platform used to train them, the One Health Ambassadors imparted the knowledge and skills they learned to teach other students.

Rabies facts and knowledge were set up into nine stations to train Thai "One Health Ambassadors" as follows:

- 1) **Let's play and talk** - ice breaking, OH knowledge, and OH core competency (OHCC) development activities.
- 2) **Rabies in human** - video presentation on risk, epidemic, and prevention of rabies in humans. Based on Communication & Informatics, facilitators led the students to play a game.
- 3) **Rabies in animals** - included a video demonstrating how rabies transmitted to humans and modified version of the game show *Jeopardy!*
- 4) **Prevention and self-care from animal bites, scratches, and licks** - used a video clip, leaflets and posters. Role-playing a scenario where a person was bitten by a dog, with different levels of severity, and how to care for them.
- 5) **Laws and regulations and responsible care of animals** - focused on laws related to animal care. Pre- and post- tests were given to assess the baseline knowledge and levels of their improvement after the training.



Students learn about rabies through engaging and fun-filled activities.



- 6) **Spot-mapping and animal survey** - field survey to collect Knowledge-Attitude-Practice (KAP) data and assessment on rabies. about rabies and sharing experiences on the dangers and effects of rabies on humans.
- 7) **Problem identification and stakeholder mapping** - identify top three issues related to rabies identified through the KAP survey and draw stakeholder's maps.
- 8) **One (Health) Day Club** - focused on misconceptions
- 9) **Risk communication and guidelines for rabies prevention** - practice risk communication assuming the roles of different stakeholders such as teachers, veterinarians, and public health personnel.

In OH camp, 164 junior lecturers/teachers and students from 17 universities and 7 secondary schools in Thailand participated to improve skills in leadership, collaboration, planning, management, communication, and building camaraderie.



One Health is a long term process, sustainability is key

Multidisciplinary teaching platforms are not built overnight. Their development undergo iterative processes to ensure that content remain appropriate and relevant, including innovative ways to convey them. The level of support and interest among educators and learners need to be sustained to transform One Health into the normative approach.

Participants expressed overall improvement in their knowledge about rabies, self-prevention, and control strategies. They also believe that they can apply what they have learned in daily life and share them to their families and respective communities. The participants also viewed the workshop as an opportunity to create partnerships and initiate an academic network.



This exhibits the platform's flexibility and potential to equip workforces with specific skills to respond to other infectious diseases and public health issues, specially when there is limited expertise and high demand for human resource.

STUDENTS CAN APPLY WHAT THEY LEARNED IN DAILY LIFE



THOHUN

continues to grow...

now with **10**
member universities

- 1) Chiang Mai University
- 2) Chulalongkorn University
- 3) Kasetsart University
- 4) Khon Kaen University
- 5) Mahidol University
- 6) Prince of Songkla University
- 7) Thammasart University
- 8) Mahasarakham University
- new! 9) Chulabhorn Royal Academy
- new! 10) Walailak University