

# THAILAND ONE HEALTH UNIVERSITY NETWORK: ONE HEALTH IMPLEMENTATION 2017

## INTRODUCTION

The Thailand One Health University Network (THOHUN) was established in August 2012 in Bangkok, Thailand. The network was formed under the Emerging Pandemic Threats (EPT) launched by the United States Agency for International Development (USAID) through the RESPOND project. The program seeks to build regional, national and local One Health capacities for early disease detection, prevention, rapid response and containment, and risk reduction. The One Health is a global strategy for expanding interdisciplinary collaborations and communications in all aspects of health care for humans, animals and the environment.

THOHUN focuses on pre-service workforce training and strengthening outbreak response capacity through collaboration with Tufts University, University of Minnesota and the South East Asia University One Health Network (SEAOHUN) to conduct activities promoting the One Health approach. SEAOHUN is composed of 10 universities and 14 faculties from Indonesia, Malaysia, Thailand, and Vietnam. These institutions jointly exchange academic resources and advanced innovative teaching methodologies, as well as sharing professional expertise.

Thus far, THOHUN comprises of two founding members, Mahidol University and Chiang Mai University, and six university members from each region of Thailand, namely, Chulalongkorn University, Kasetsart University, Khon Kaen University, Mahasarakham University, Prince of Songkla University, and Thammasart University. In addition, THOHUN National Coordinating Office (THOHUN-NCO) was established to facilitate and assist THOHUN members in conducting activities to foster One Health concept and approach.

### Vision

“Strong and sustainable One Health Thai University Network throughout the country by 2020”

## Mission

- Build, develop and expand One Health University Network of Thailand.
- Develop and exchange skilled One Health professionals among member universities and involved agencies.
  - Support trans-disciplinary collaboration within and among universities and involved agencies.
  - Promote research employing One Health strategy to promote the health of humans, animals and the environment.
  - Coordinate with other related One Health Networks in the Southeast Asian region.

## THE ONE HEALTH WORKFORCE PROJECT

The One Health Workforce (OHW) project is a part of the USAID EPT 2 program, which focuses on disease surveillance, training and outbreak response. The recent emergence of Ebola virus in West Africa, and the far-reaching global threat to humans and animal health, as well as national security and economic prosperity, has brought to the forefront of global politics the limited capacity of health workforce to prevent, detect and respond to infectious disease threats. Coordination and collaboration across human, livestock and wildlife health sectors are essential and is highlighted in the U.S. government Global Health Security Agenda (GHSA), which aims for “a world safe and secure from global health threats posed by infectious diseases.”

The One Health program recognizes that the health of humans, animals and the environment are inextricably linked. OHW supports two regional university networks that embrace the One Health strategy, namely, the One Health Central and Eastern Africa (OHCEA) University Network and SEA OHUN.

These One Health university networks support local governments by identifying and addressing knowledge and skills gaps in the current health workforce and transforming future health workforce to address the complex problems according to One Health transformation pathways/levels (Fig), trans-disciplinary and multi-sectoral One Health challenges in their countries and regions. OHW supports OHCEA and SEA OHUN networks to achieve these goals through a wide set of collaborative activities, including field-based training, faculty development and networking, curriculum development, and organizational development.

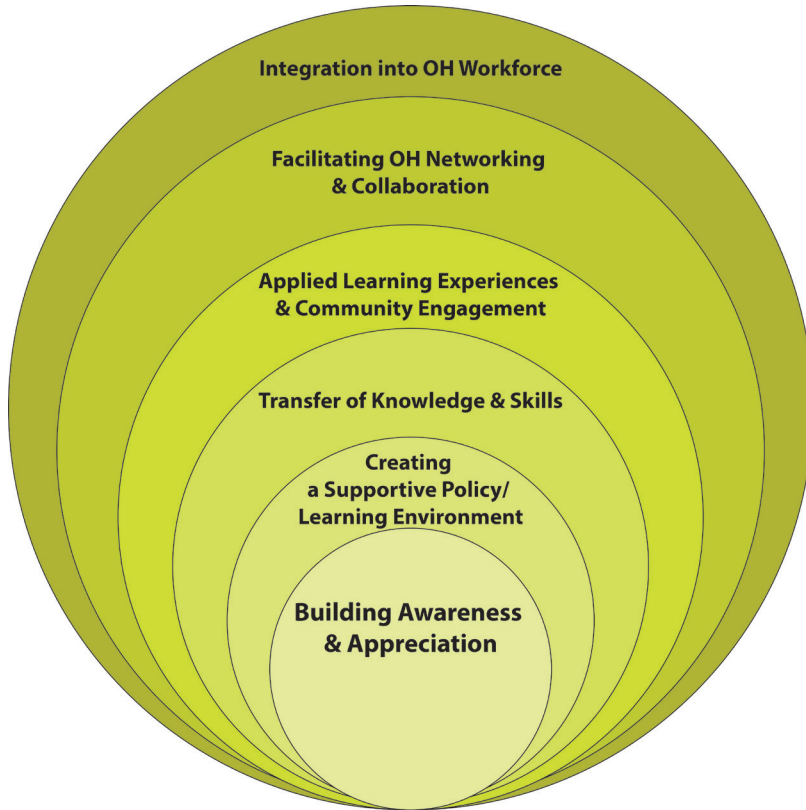
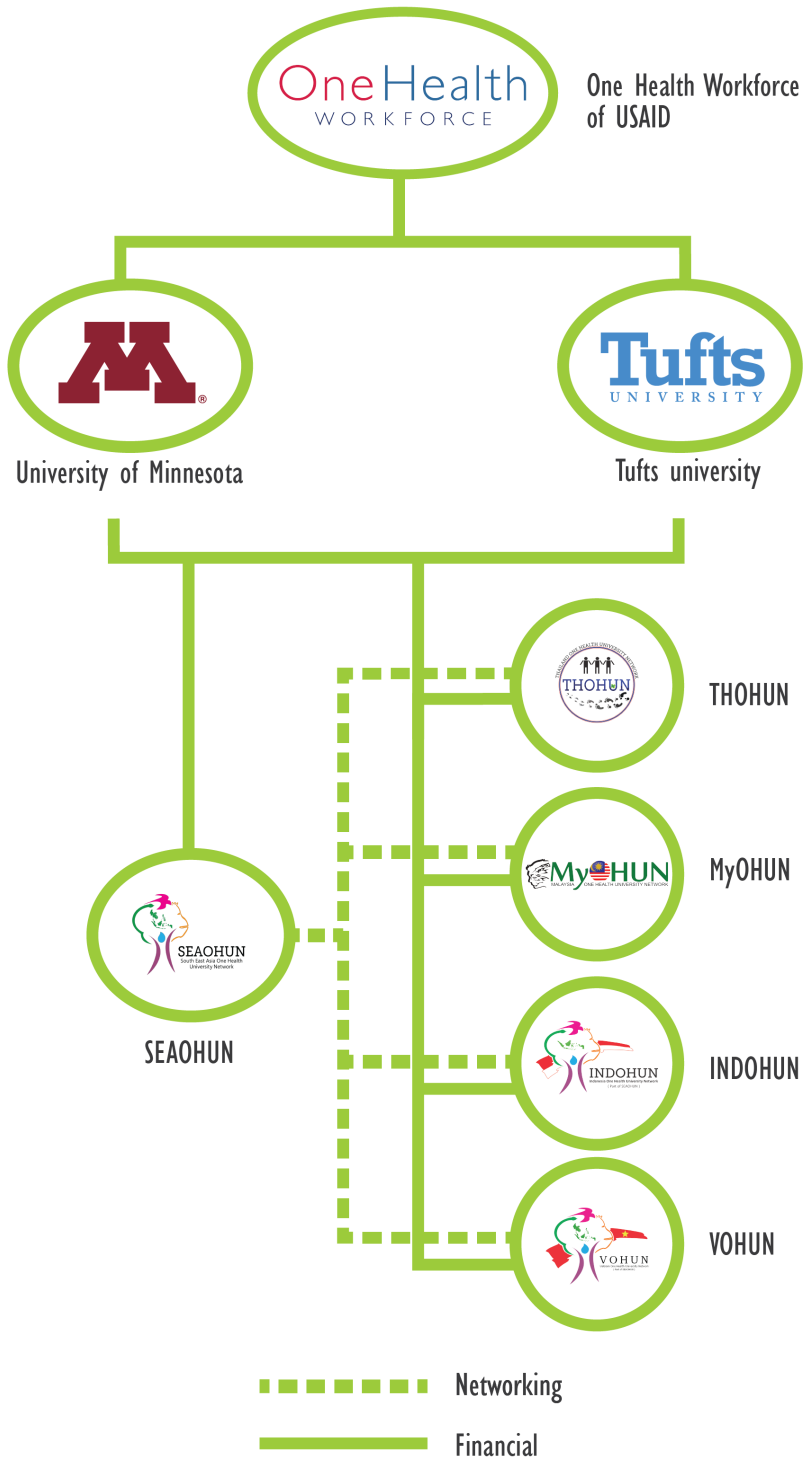
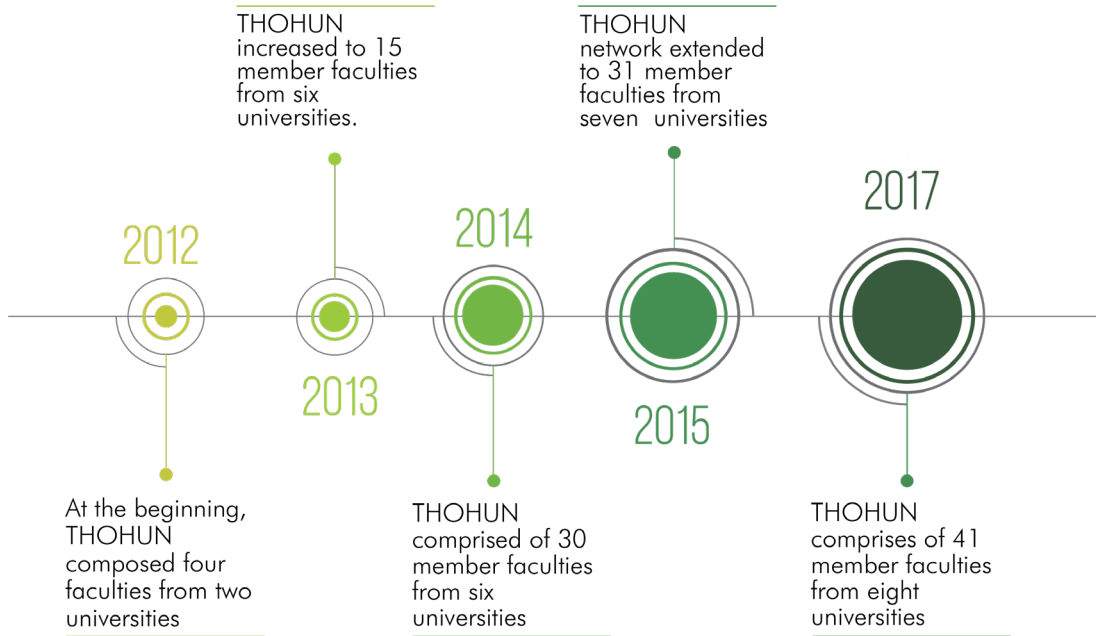


Fig – One Health transformation pathways/levels.

## ORGANIZATIONAL STRUCTURE











## Collaborative Network



## University and Faculty Members

As of August 31, 2017 THOHUN comprises 41 faculties and colleges from 8 Thai universities as shown:

 <b>Thailand One Health University Network</b>							
 <b>Chiang Mai University</b>	 <b>Kasetsart University</b>	 <b>Prince of Songkla University</b>	 <b>Mahidol University</b>	 <b>Chulalongkorn University</b>	 <b>Khon Kaen University</b>	 <b>Thammasat University</b>	 <b>Maharakham University</b>
<ul style="list-style-type: none"> <li>- Faculty of Associate Medical Sciences</li> <li>- Faculty of Economics</li> <li>- Faculty of Medicine</li> <li>- Faculty of Nursing</li> <li>- Faculty of Pharmacy</li> <li>- Faculty of Social Sciences</li> <li>- Faculty of Veterinary Medicine</li> </ul>	<ul style="list-style-type: none"> <li>- Faculty of Environment Medicine</li> <li>- Faculty of Veterinary Technology</li> <li>- Faculty of Education</li> </ul>	<ul style="list-style-type: none"> <li>- Faculty of Environmental Management</li> <li>- Faculty of Veterinary Science</li> <li>- Faculty of Nursing</li> <li>- Faculty of Pharmaceutical Sciences</li> </ul>	<ul style="list-style-type: none"> <li>- ASEAN Institute for Health Development</li> <li>- Faculty of Medicine</li> <li>- Ramathibodi Hospital</li> <li>- Faculty of Environment and Resource studies</li> <li>- Faculty of Nursing</li> <li>- Faculty of Public Health</li> <li>- Faculty of Veterinary Science</li> <li>- Faculty of Tropical Medicine</li> </ul>	<ul style="list-style-type: none"> <li>- College of Public Health Sciences</li> <li>- Faculty of Nursing</li> <li>- Faculty of Pharmaceutical Sciences</li> <li>- Faculty of Veterinary Science</li> </ul>	<ul style="list-style-type: none"> <li>- Faculty of Associate Medical Sciences</li> <li>- Faculty of Dentistry</li> <li>- Faculty of Nursing</li> <li>- Faculty of Public Health Sciences</li> <li>- Faculty of Veterinary Medicine</li> </ul>	<ul style="list-style-type: none"> <li>- The School of Global Studies</li> <li>- Faculty of Public Health</li> </ul>	<ul style="list-style-type: none"> <li>- Faculty of Veterinary Medicine</li> <li>- Faculty of Architecture, Urban Design &amp; Creative Arts</li> <li>- Faculty of Informatics</li> <li>- Faculty of Public Health</li> <li>- Faculty of Medicine</li> <li>- Faculty of Nursing</li> <li>- Faculty of Pharmacy</li> </ul>

## THOHUN Steering Committee



Assoc. Prof. Dr. Parntep Ratanakorn  
Faculty of Veterinary Science, Mahidol University  
Chairman



Assoc. Prof. Dr. Pratap Singhasivanon  
Faculty of Tropical Medicine, Mahidol University  
Consultant



Asst. Prof. Dr. Saengduen Moonsom  
Faculty of Tropical Medicine, Mahidol University  
Coordinator



## Chiang Mai University



Prof. Dr. Phongtape Weewattanadate  
Faculty of Medicine



Asst. Prof. Dr. Khwanchai Kreausukon  
Faculty of Veterinary Medicine



Assoc. Prof. Dr. Lertrak Srikitjakarn  
Faculty of Veterinary Medicine



## Chulalongkorn University



Prof. Dr. Surasak Taneepanichskul  
College of Public Health Sciences



Prof. Dr. Roongroje Thanawongnuwech  
Faculty of Veterinary Science



## Kasetsart University



Prof. Dr. Apinun Suprasert  
Faculty of Veterinary Medicine



Assoc. Prof. Dr. Patamabhorn Amavisit  
Faculty of Veterinary Medicine



## Khon Kaen University



Assoc. Prof. Dr. Chuchart Kamollert  
Faculty of Veterinary Medicine



Assoc. Prof. Dr. Sunpetch Angkititrakul  
Faculty of Veterinary Medicine





Mahidol University



Assoc. Prof. Dr. Pratap Singhasivanon  
Faculty of Tropical Medicine



Asst. Prof. Dr. Witthawat Wiriyarat  
Faculty of Veterinary Science



Prince of Songkla University



Assoc. Prof. Dr. Banjong Witthayawirasak  
Faculty of Environmental Management



Assoc. Prof. Dr. Aranya Chaowalit  
Faculty of Environmental Management

## THOHUN National Coordinating Office

In 2013, THOHUN National Coordinating Office (NCO) was established to conduct and facilitate THOHUN activities to promote the One Health strategy. THOHUN-NCO current staff are:



Assoc. Prof. Dr. Pratap Singhasivanon  
Consultant



Asst. Prof. Dr. Saengduen Moonsom  
Coordinator



Mr. Irwin F. Chavez  
Assistant for International Collaboration



Dr. Veerada Raksanoh  
Networking and Communications Manager



Mr. Kittikorn Khunratch  
Program and Event Manager



Ms. Tanaporn Panyaniphon  
Project Coordination and Management



Ms. Wiriya Kongcharoen  
Administrative Manager



Ms. Waroon Boonyaudomsart  
Publicity Manager



Ms. Sukanya Kaewkanrai  
Finance & Office Manager