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Foreword from Chairman

One Health Workforce (OHW) Emerging Pandemic Threat (EPT) 2 program started this year and MyOHUN had successfully organized 12 main activities in 2015. This year marked the beginning of the project and with great pleasure, I present to you the Malaysia One Health University Network (MyOHUN)'s 2015 Annual Report.

The EPT 2 project is focused on strengthening OHW in the country, regional and globally to detect, respond and prevent the threat of emerging and re-emerging infectious and zoonotic diseases. It is supported by the United States Agency for International Development (USAID) as part of USAID global OHW (EPT 2) program. MyOHUN in honour to uphold One Health and our network has expanded significantly over the last twelve months with more participants and invitations for MyOHUN membership to strengthen, and promote the philosophy and spirit of One Health. Indeed, more exciting activities and projects are planned for the years ahead. We are looking forward a very exciting future.

With the success of 2015, I take great pride in the work that MyOHUN does through these activities in achieving our vision as a network of social and intellectual excellence on One Health against infectious and

zoonotic diseases of national and global concern. MyOHUN has planned more exciting activities and projects for the years ahead to works with different agencies, ministries and universities to create a strong and successful One Health Workforce in Malaysia.

I believed that MyOHUN will soar up towards success in organizing activities across sectors for the benefit of human, animals and environment that free from threats posed by infectious and zoonotic diseases. It is in our mission to link and enable universities, government, and relevant agencies to generate social and intellectual capital on One Health against infectious and zoonotic diseases.

With the tirelessly efforts and high commitment showed by network members and partners as well as the dedicated staff of MyOHUN, I strongly believed that a greater success and significant impact will be made in the future. I look forward to continue serving the network as we face a very promising and exciting future.



**Professor
Dr. Mohd Hair Bejo**

Chairman
Malaysia One Health University Network (MyOHUN)

Dean
Faculty of Veterinary Medicine
Universiti Putra Malaysia



Message from Coordinator

Salam One Health Everyone!

One Health Workforce (OHW) project hits its first birthday as we at Malaysia One Health University Network (MyOHUN) take grand baby steps into our second year of the project.

One Health Workforce (OHW) project is developing a workforce that is prepared to detect, respond and prevent infectious diseases around the world. It is part of the United States Agency for International Development (USAID) Emerging Pandemic Threat 2 (EPT2) program, which provides support for Southeast Asia One Health University Network (SEAOHUN) and also directly supports MyOHUN.

The most striking element in this project is the inherent transdisciplinary approach that nurture the skills to work together amongst people of different background. The ability to work as a team is perhaps the most crucial skill to build one health workforce. Real teamwork is hard but is the most

productive to create synergy. We must look at the bigger picture and resolve to work together in ways we may not have done before. Excellent teamwork doesn't happen by accident and does not happen overnight. It requires commitment and effort, a willingness to accept the uniqueness of others, to respect and appreciate diversity. We hope to build teams in our project the same way we build and sustain relationships with our friends and families. It can't be done with policies, slogans and directives alone nor should it be forced.

We marched into our second year with pride!. Here we go...



**Associate Professor
Dr. Latiffah Hassan**

Coordinator
Malaysia One Health University Network (MyOHUN)





INTRODUCTION



About MyOHUN

Malaysia One Health University Network (MyOHUN) was built to promote the philosophy and spirit of One Health in working together to respond to new and emerging diseases. It was initiated in 2012

as part of the Southeast Asia One Health University Network (SEAOHUN). MyOHUN at present comprises of 17 universities and 3 ministries under it wings.

About OHW

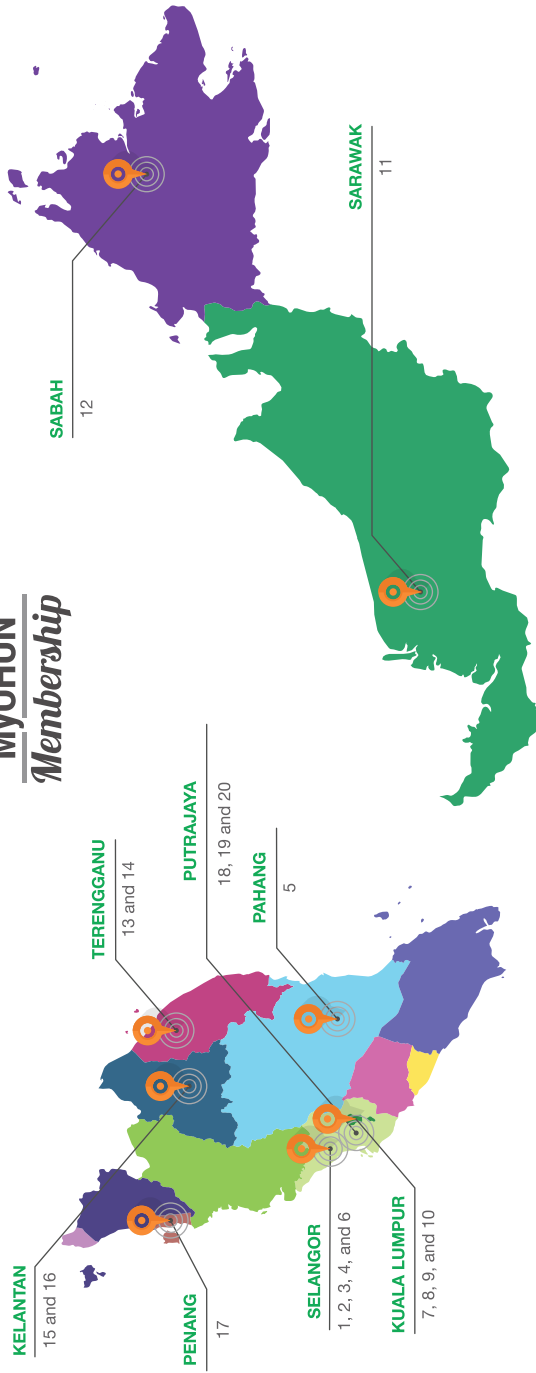
One Health
WORKFORCE

The One Health Workforce (OHW) project is developing a health workforce that is prepared to detect, respond and prevent to the threat of infectious diseases around the world. The project is part of the United States Agency for International Development (USAID) Emerging Pandemic Threat 2 (EPT2) program, which focuses on cross-sectoral disease surveillance, training, and outbreak response. Teams at

the University of Minnesota and Tufts University provide support for the Southeast Asia One Health University Network which also directly supports MyOHUN. OHW is able to leverage these established university networks to create a sustainable transformation in the country's health workforces.



MyOHUN Membership

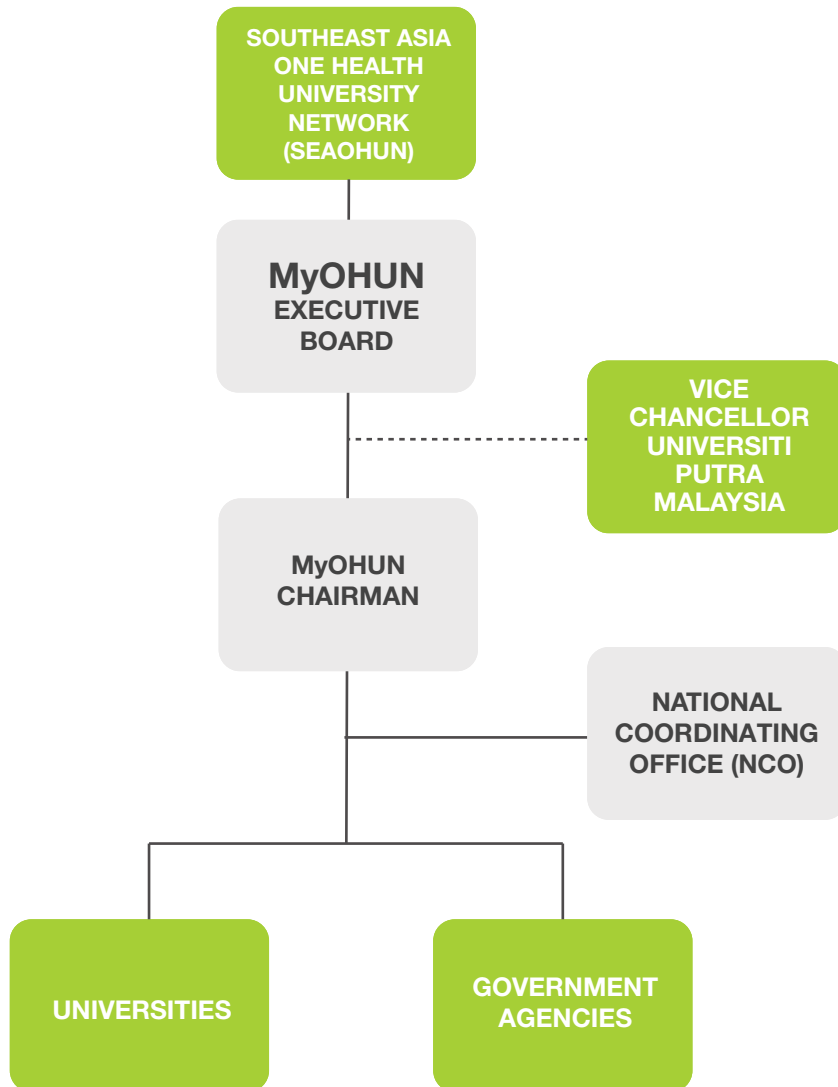


1	UNIVERSITI PUTRA MALAYSIA • Faculty of Veterinary Medicine • Faculty of Medicine and Health Sciences • Faculty of Environmental Studies	7	UNIVERSITI SAINS ISLAM MALAYSIA • Faculty of Medicine and Health Sciences	13	UNIVERSITI MALAYSIA TERENGGANU • School of Fundamental Sciences	18	MyOHUN AFFILIATED GOVERNMENT MINISTRIES AND ORGANIZATIONS MINISTRY OF HEALTH • Institute of Medical Research • National Public Health Laboratory
2	UNIVERSITI KEBANGSAAN MALAYSIA • Faculty of Health Sciences • Faculty of Social Science and Humanities	8	UNIVERSITI TUNKU ABDUL RAHMAN • Faculty of Medicine & Health Sciences	14	UNIVERSITI SULTAN ZAINAL ABIDIN • Faculty of Medicine and Health Sciences	19	MINISTRY OF AGRICULTURE AND AGRO-BASED INDUSTRY MALAYSIA • Department of Veterinary Services • Veterinary Research Institute
3	CYBERJAYA UNIVERSITY COLLEGE OF MEDICAL SCIENCE • Faculty of Medicine	9	UNIVERSITI MALAYA • Faculty of Medicine	15	UNIVERSITI SAINS MALAYSIA • School of Health Sciences • School of Health Sciences	20	MINISTRY OF NATIONAL RESOURCES AND ENVIRONMENT • Department of Wildlife and National Park
4	UNIVERSITI TEKNOLOGI MARA • Faculty of Medicine	10	INTERNATIONAL MEDICAL UNIVERSITY • School of Medicine	16	UNIVERSITI MALAYSIA KELANTAN • Faculty of Veterinary Medicine		
5	INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA • Faculty of Medicine	11	UNIVERSITI MALAYSIA SARAWAK • Faculty of Medicine and Health Sciences	17	PENANG MEDICAL COLLEGE • Faculty of Medicine		
6	MANAGEMENT SCIENCE UNIVERSITY • Faculty of Health and Life Sciences	12	UNIVERSITI MALAYSIA SABAH • School of Medicine				



MyOHUN

STRUCTURE



MyOHUN EXECUTIVE BOARD MEMBERS 2016

CHAIRMAN

Prof. Dr. Mohd Hair Bejo

Universiti Putra Malaysia

MEMBERS

Prof. Dr. Noor Hassim Ismail

Universiti Kebangsaan Malaysia

Dato' Dr. Mohamad Azmie Zakaria

Department of Veterinary Services

Prof. Dr. Baharudin Omar

Universiti Kebangsaan Malaysia

Dato' Abd Rasid Bin Samsudin

Department of Wildlife and National Parks

Prof. Dr. Sazaly Abu Bakar

Universiti Malaya

Dr. Chong Chee Kheong

Ministry of Health

Prof. Dr. Abd Rahman Omar

Universiti Putra Malaysia

Dr. Ramlan Mohamed

Veterinary Research Institute

Prof. Dr. Mohd Rizal Abd Manaf

Universiti Kebangsaan Malaysia

Dr. Zainudin Abdul Wahab

Ministry of Health

Assoc. Prof. Dr. Bashir Ahmad

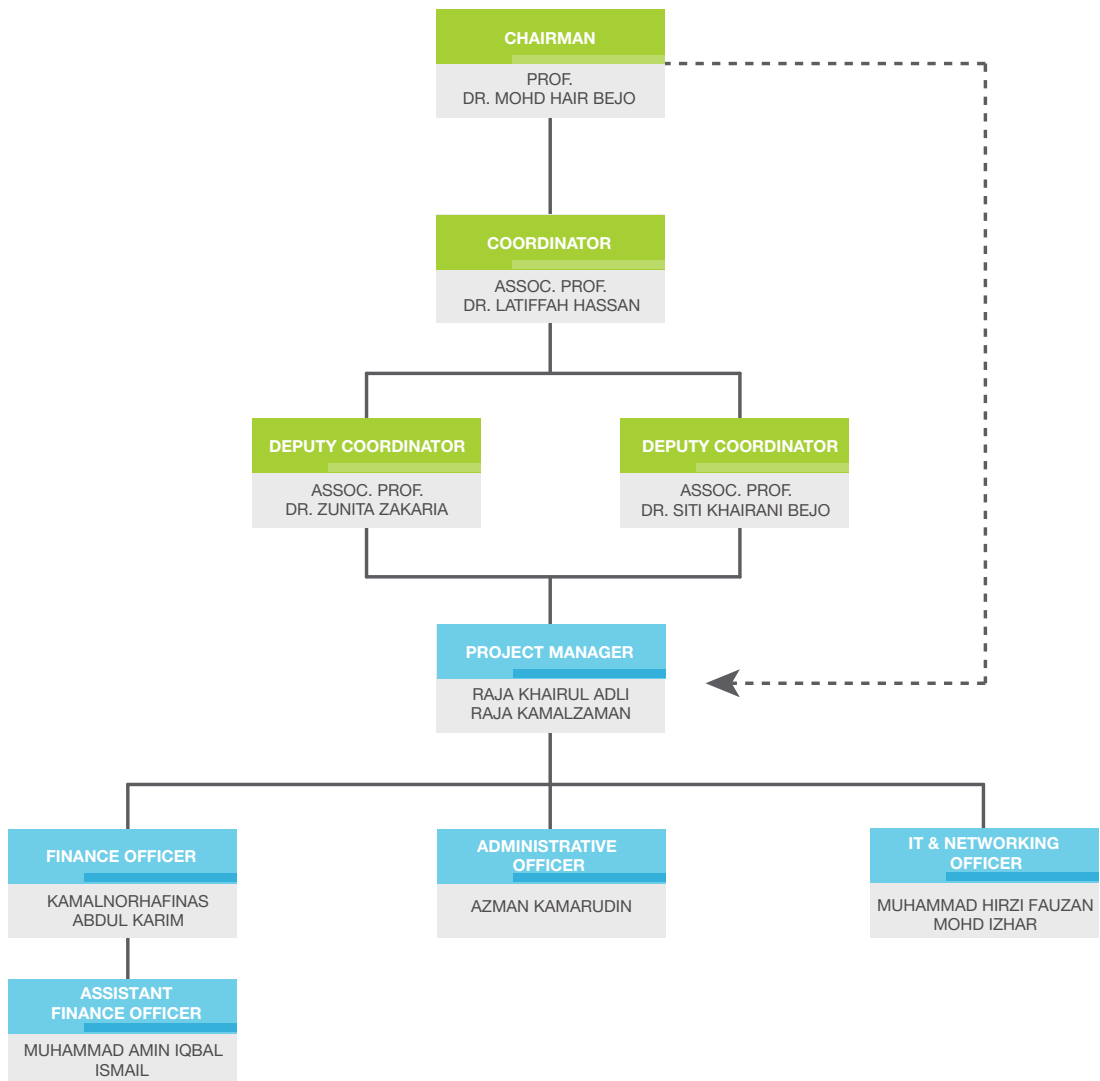
Universiti Putra Malaysia

Assoc. Prof. Dr. Hidayatulfathi Othman

Universiti Kebangsaan Malaysia



MyOHUN NATIONAL COORDINATING OFFICE





ACTIVITIES



MyOHUN Executive Board Meeting I, II and III was held on 30th October 2014 in Shangri-La Putrajaya Hotel, 11th November 2014 in Pullman Putrajaya Lakeside Hotel and 6 April 2015 in Shangri-La Putrajaya Hotel. The meetings were held to approve and endorse the activities for Year 2 on One Health Workforce Project and discussed the future direction of MyOHUN for the years to come.



MyOHUN Executive Board Meeting



Wildlife Disease Risk Analysis – Introductory Workshop



Located in the Department of Wildlife and National Parks Peninsular Malaysia (PERHILITAN), the Wildlife Disease Risk Analysis – Introductory Workshop was held on 29th June 2015. Thirty-one PERHILITAN officers attended the activity which includes veterinarians, wildlife officers, and researchers. The activity aimed to facilitate understanding of the primary process of Disease Risk Analysis as it applies to wildlife and also to in-situ and ex-situ management.



Seminar on Wildlife Zoonoses

Seminar on Wildlife Zoonoses was held on 27th and 28th July 2015 in Pahang, specifically in several locations namely Institute of Biodiversity, National Elephant Conservation Centre, Lancang, and Suria HotSpring Resort, Bentong, Pahang. Eighty students and fifty-eight officers and

academicians from different background attended the activity with the aimed to promote and develop the understanding of the wildlife-human-environment interaction under the One Health approach in disease management to future and current One Health workforce In Malaysia.





One Health

Short Course for Academicians and Health Professionals

From 5th to 8th August 2015, the One Health Short Course for Academicians and Health Professionals was held in Awana Genting Hotel, Pahang. Thirty-three academicians from UPM, UKM, IIUM, USM, UniSZA, and UiTM with different background went through the short course. The main objective of the activity is to build up ideas and methods that promote the implementation of One Health concept into curriculum and courses at the universities. Also presented during the activity was Prof. Dr. Stanley Fenwick from Tufts University.



Curriculum Review

Incorporating One Health Core Competency in Postgraduate Programme

Curriculum Review: Incorporating One Health Core Competency in Post Graduate Program was held in the Holiday Inn Hotel, Melaka from 11th to 13th September 2015. In total, 24 academicians with various fields namely veterinary medicine, public health, and wildlife medicine from UPM and UKM attended the activity. The main objective of the activity is to determine the feasibility of One Health concept implementation as singularity entity or embedded in existing graduate modules in universities.





Workshop on Integrating

One Health Concept among Public Health Future Practitioners

The Workshop on Integrating One Health Concept among Public Health Future Practitioners was held from 3rd to 5th August 2015 in Pusat Latihan Kesihatan Masyarakat (PULAKEM), UKM, Beranang, Selangor. Forty-four students from UPM, UKM, USM, and USIM attended the workshop. The main objectives of the workshop are to strengthen the links and communications to achieve closer collaboration between Physicians, Veterinarians, and all appropriate stakeholders to improve the different aspects of health and welfare of humans, animals, and the environment.



MyOHUN Development Module

for Sample Processing and Isolation of Leptospire from Clinical and Environmental Sample

MyOHUN Development Module for Sample Processing and Isolation of Leptospire from Clinical and Environmental Sample was held from 13th to 16th August 2015 in Hatten Hotel, Melaka. Eight participants attended the activity from universities, Institute for Medical Research (IMR), Ministry of Health and Veterinary Research Institute (VRI). The activity aimed to produce a module of One Health Approach on Diagnosis of Leptospirosis in Malaysia





One Health Workshop

on Integrating One Health Concept among Public Health Practitioner

In Hatten Hotel Melaka, One Health Workshop on Integrating One Health Concept among Public Health Practitioner was held from 5th to 7th October 2015. Fifty-six ministerial officers and academicians attended the activity that came from various disciplines of Medicine, Veterinary, and Environmental Health. The activity aimed to increase networking and collaboration to embrace One health concept and to train practitioners and professionals on the integrated One Health approach.



Development of Module on Serological Diagnosis of Leptospirosis

Development of Module on Serological Diagnosis of Leptospirosis was held from 14th to 17th October 2015 in Thistle Port Dickson Resort, Negeri Sembilan and was the continuation of MyOHUN Development Module for Sample Processing and Isolation of Leptospire from Clinical and

Environmental Sample that was held in August. The activity aims to produce a module of One Health Approach on Diagnosis of Leptospirosis in Malaysia while strengthening the networking among personnel working on leptospirosis.





Problem Based Learning

for Veterinary Problem Investigation

Problem Based Learning for Veterinary Problem Investigation was held from 9th to 11th October and 16th to 18th October 2015 in Deer Breeding Centre, the Department of Veterinary Services, Lenggon. A total of 120 students from Universiti Putra Malaysia attended the activity along with 12 facilitators to conduct PBL sessions. Besides that, the activity also aimed to introduce the One Health concept and approach while integrating the One Health concept in veterinary problem investigation and management.



One Health Approach Awareness Programme was held from 30th October to 1st November 2015 in the Faculty of Veterinary Medicine, Universiti Putra Malaysia and PULAKEM Faculty of Medicine, Universiti Kebangsaan Malaysia. Seventy-one students from Universiti

Kebangsaan Malaysia attended the activity with the aimed to introduce One Health trans-disciplinary approach and for the students to know about functions and roles of agencies involved in zoonotic diseases management in Malaysia.

One Health Approach Awareness Programme





MyOHUN Annual Meeting

MyOHUN Annual Meeting was held on 5th and 6th November 2015 in Thistle Hotel and Resort, Port Dickson. The meeting was chaired by MyOHUN Chairman, Prof. Dr. Mohd Hair Bejo. The meeting was attended by MyOHUN

member institutions to discuss and finalize the implementation of 2016 activities as well as to provide the opportunity for MyOHUN members to propose any additional OHW activities to be organized in 2016.





Disclaimer: This annual report is made possible by the generous support of the American people through the United States Agency for International Development (USAID). The contents are the responsibility of MyOHUN and do not necessarily reflect the views of USAID or the United States Government.