

MALAYSIA ONE HEALTH UNIVERSITY NETWORK  
MyOHUN



# ANNUAL REPORT 2019

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# Foreword from Chairman

One Health Workforce (OHW) Emerging Pandemic Threat 2 (EPT 2) project has reached the end of its term, the Year 5. This year, Malaysia One Health University Network (MyOHUN) with dedication from MyOHUN members from universities, government ministries and partners have successfully organized 19 main activities, and here I proudly present to you the MyOHUN's 2019 Year 5 Annual Report.

It has been a productive year with many accomplishments and a few new opportunities. I want to take this opportunity to congratulate MyOHUN members and partners for endless dedication, hard work and excellent teamwork. I take great pride to inform you that this year we have introduced new activities such as One Health Disaster Frontliners Module Development as well as the MyOHUN-Gemas Disaster Simulation Exercise in which a complete module is expected to be published in 2020. Another new success this year was the International Congress of One Health in which MyOHUN has collaborated with Universiti Putra Malaysia, Department of Veterinary Services, Asian Association Veterinary School, World's Poultry Science Association (Malaysia Branch) and South East Asia One Health University Networks (SEAOHUN).

This year also marked the recognition of the MyOHUN National Coordinating Office (NCO) Quality Management System (QMS) as we have been awarded the International Organization for Standardization (ISO) 9001:2015 certification. It highlights the efficiency of our NCO in the provision of the coordination and management of MyOHUN's activities.

We have been together successfully organizing activities and promoting One Health throughout the 5 years OHW project (EPT 2). MyOHUN and its members are a big One Health family – a family with a strong sense of belonging, caring and working together as a strong team to further strengthen in creating better and healthier Malaysia and the world. Though this is the end of the project, I hope that the efforts made along the way in making One Health as one flexible

approach in solving problems or provide solutions will continue and flourish in the future.

MyOHUN and SEAOHUN members are very pleased with the continuity of our project to a new OHW – Next Generation (OHW-NG) project (EPT 3). We will collaborate with our new partners from USA under OHW-NG consortium members namely: University of California, Davis (prime); Columbia University; EcoHealth Alliance; University of California, Berkeley; University of California, Irvine; Ata Health Strategies; University of New Mexico; and Sandia National Laboratories.

I firmly believe that greater success and significant impact would be made in the future with tireless effort and high commitment showed by network members and partners. I look forward enthusiastically to the continuing growth of our network to the years ahead.



**Professor Dato'  
Dr. Mohd Hair Bejo**

Chairman  
Malaysia One Health University Network (MyOHUN)

Dean  
Faculty of Veterinary Medicine  
Universiti Putra Malaysia



# Message from Coordinator

## Greetings Fellow One Health Enthusiasts,

“ A journey of a thousand miles must begin with a single step... (Lao Tzu)

This final report of 5 years of the One Health Workforce Project showcases the many ways in which we support the work in Malaysia to turn the aims of the 2030 Agenda for Sustainable Development into results for our workforce and community. We recognize that MyOHUN's success has been founded on collaboration and partnership across academic and government sectors. Ultimately, all MyOHUN's work is directed towards changing how we work as an entity, willingly helping ourselves and our partners to achieve resources in the best way to benefit all.

We will continue to promote multi-stakeholder partnerships in our planning to ensure adequate and robust program outcomes and outputs. Over the past 5 years, we are indeed stronger as a team, and we put our hearts and efforts into every endeavor.

With the One Health Workforce program bringing down its curtain, we express our sincere thank you and gratitude to our partners, University of Minnesota, and Tufts University. We learned immensely from our partnership with them, and we wish them all the best. These 5 years have been made more meaningful due to the diligence and understanding from our external partners. For that, we sincerely thank them.

A renowned Chinese philosopher, Lao Tzu, said, “A journey of a thousand miles must begin with a single step.” Indeed, we began our journey more than 5 years ago with a single step. And we have many more steps to take before we reach the 1000 miles in our One Health achievements. Together, we can usher in 2020 with the new One Health Workforce-Next Generation, more resilient, more creative and more determined.



**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 its wings.

# About OHW

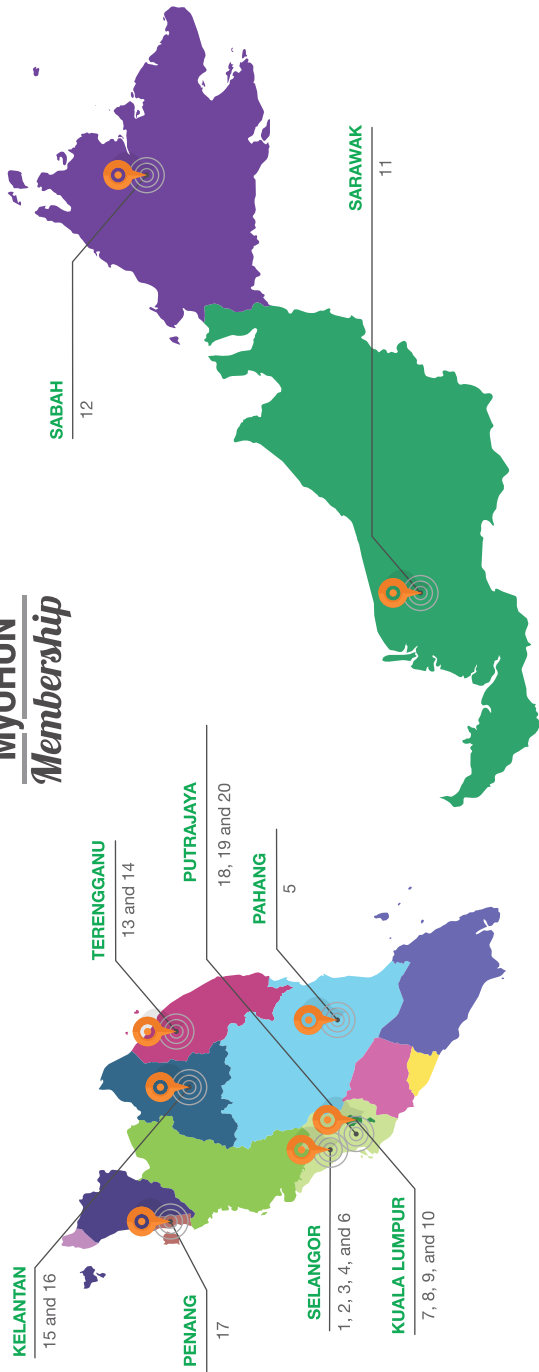
One Health  
WORKFORCE

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.



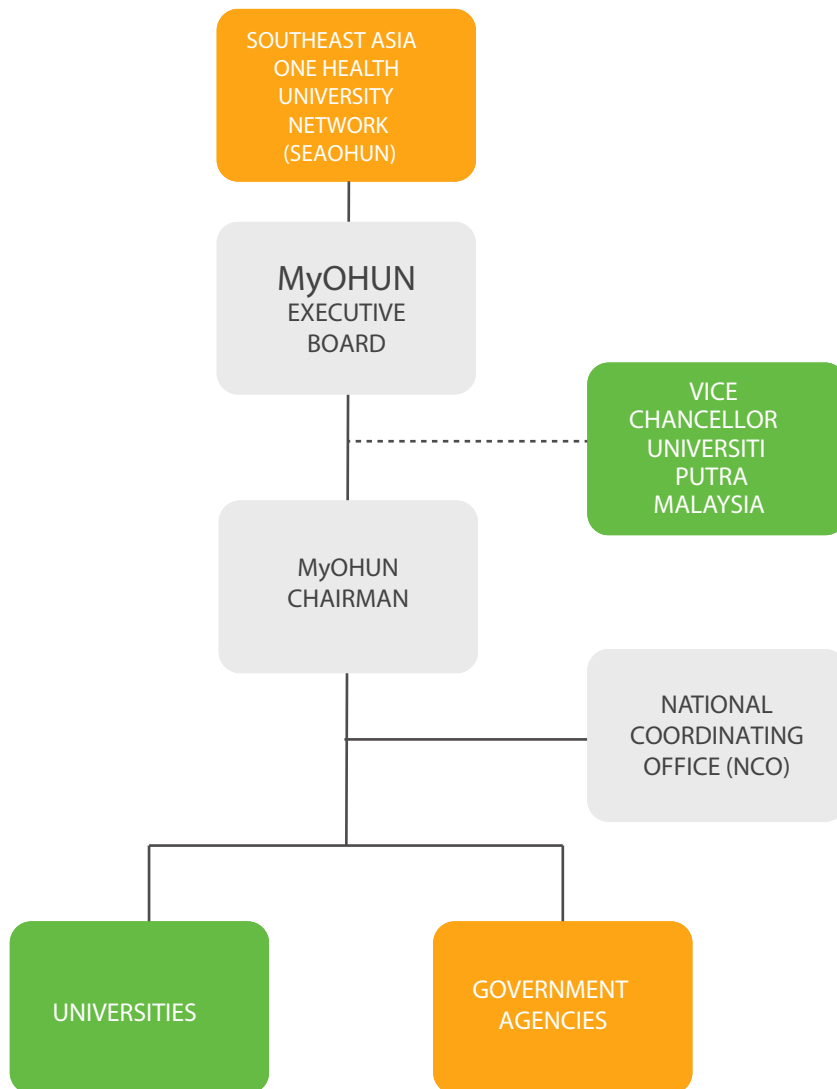
# MyOHUN Membership



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
2	UNIVERSITI KEBANGSAAN MALAYSIA • Faculty of Health Sciences • Faculty of Medicine	8	UNIVERSITI TUNKU ABDUL RAHMAN • Faculty of Medicine & Health Sciences	14	UNIVERSITI SULTAN ZAINAL ABIDIN • Faculty of Medicine and Health Sciences
3	CYBERJAYA UNIVERSITY COLLEGE OF MEDICAL SCIENCE • Faculty of Medicine	9	UNIVERSITI MALAYA • Faculty of Medicine	15	UNIVERSITI SAINS MALAYSIA • School of Medical Science • School of Health Sciences
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 • Kolejiah of Medicine • Kolejiah of Allied Health Sciences	11	UNIVERSITI MALAYSIA SARAWAK • Faculty of Medicine and Health Sciences	17	RCSI & UICD Malaysia Campus • Faculty of Medicine
6	MANAGEMENT SCIENCE UNIVERSITY • Faculty of Health and Life Sciences	12	UNIVERSITI MALAYSIA SABAH • School of Medicine	18	MINISTRY OF HEALTH • Institute of Health Research • National Public Health Laboratory
				19	MINISTRY OF AGRICULTURE AND AGRO-BASED INDUSTRY MALAYSIA • Department of Veterinary Services • Veterinary Research Institute • National Institute of Research and Development Institute
				20	MINISTRY OF NATIONAL RESOURCES AND ENVIRONMENT • Department of Wildlife and National Park
				21	PRIME MINISTER'S DEPARTMENT • National Disaster Management Agency

# MyOHUN

## STRUCTURE





# MyOHUN EXECUTIVE BOARD MEMBERS 2019

## CHAIRMAN

Prof. Dato' Dr. Mohd Hair Bejo

Universiti Putra Malaysia

## MEMBERS

Prof. Dr. Noor Hassim Ismail

Universiti Kebangsaan Malaysia

Dato' Dr. Quaza Nizamuddin

Department of Veterinary Services

Prof. Dr. Suzana Shahr

Universiti Kebangsaan Malaysia

Dato' Abdul Kadir Abu Hashim

Department of Wildlife and National Parks

Prof. Dr. Sazaly Abu Bakar

Universiti Malaya

Dato' Dr. Chong Chee Kheong

Ministry of Health

Prof. Dr. Abd Rahman Omar

Universiti Putra Malaysia

Dr. Chandrawathani A/P Panchadcharam

Veterinary Research Institute

Prof. Dr. Mohd Rizal Abd Manaf

Universiti Kebangsaan Malaysia

Dr. Rohani Jahis

Ministry of Health

Prof. Dr. Latiffah Hassan

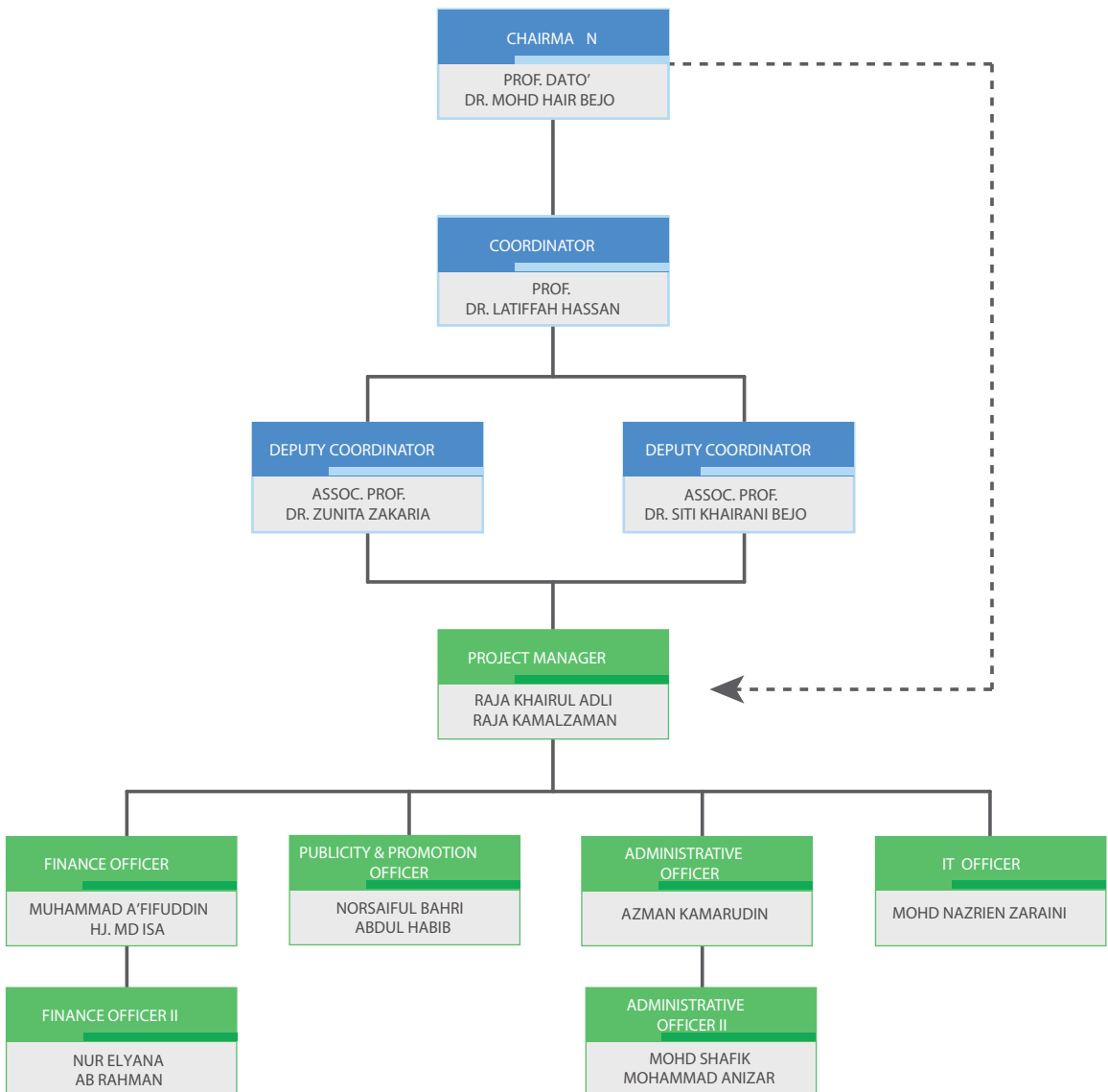
Universiti Putra Malaysia

Prof. Dr. Hidayatulfathi Othman

Universiti Kebangsaan Malaysia



# MyOHUN NATIONAL COORDINATING OFFICE



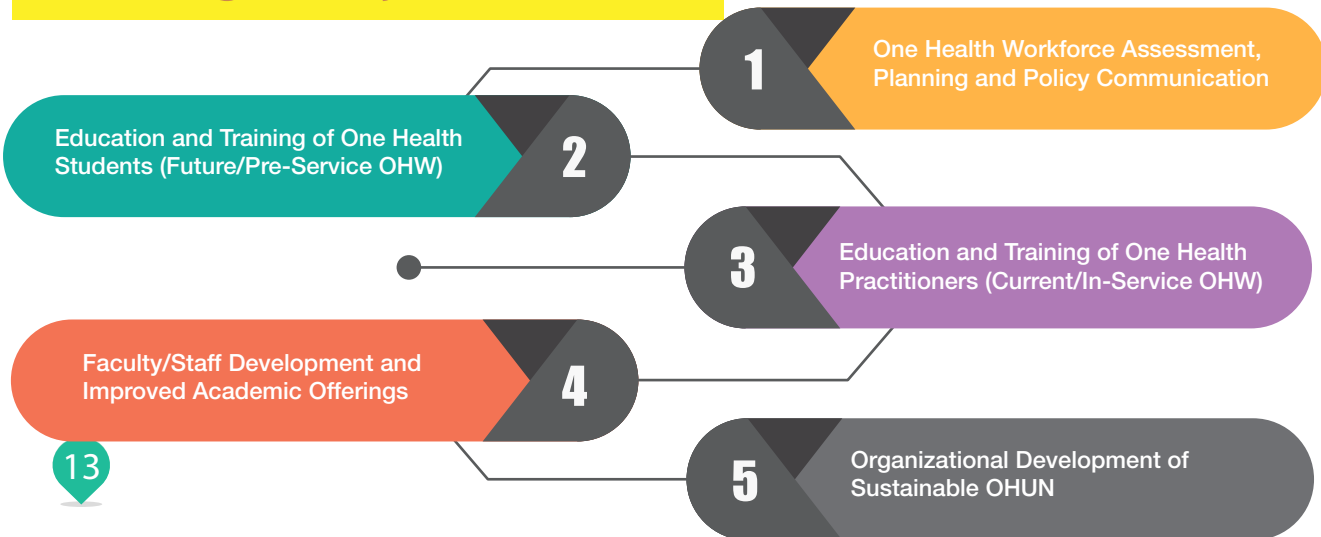




# Numbers in 2019



## Strategic Objectives





CERTIFIED TO ISO 9001:2015  
CERT. NO. : QMS 02993

# Quality Policy

“National Coordinating Office (NCO) – MyOHUN is committed to achieve excellence in providing its services in One Health activities through a quality management system that is constantly improved upon to satisfy the needs of our customers in accordance with MS ISO 9001:2015”

The MyOHUN National Coordinating Office (NCO) was awarded the International Organization for Standardization (ISO) 9001:2015 in recognition of the NCO’s Quality Management System (QMS) on 30 May 2018. In achieving this certification, it highlights the efficiency of the NCO’s QMS in the provision of the coordination and management of activities by MyOHUN. In order for MyOHUN to be awarded the certification, NCO MyOHUN has gone through Surveillance Audit, Internal Audit, ISO Awareness Workshop both in 2017 and 2018 as part of the requirement for upgrading the certification.





**ACTIVITIES**



On 23rd September 2019, the MyOHUN Executive Board Meeting was held to endorse all MyOHUN OHW Year 5 activities. During the meeting, the board discussed the impact that MyOHUN has made over the years in EPT2 (2014 – 2019) and MyOHUN's direction entering the Emerging Pandemic Threat (EPT3) OHW-NG (Next Generation) project.

# MyOHUN

## Executive Board Meeting

From 29th to 31st January 2019, 20 experts on disaster management and diseases gathered under one roof at Bangi Resort Hotel to develop a user-friendly guide for multi-agencies first responders to protect them against zoonoses during a disaster by using the One Health approach. Dr. Rosnah Ismail from UKM, leading the experts from the Ministry of Health, Department of Veterinary Services, Emergency and Trauma Department, National Agency for Disaster Management, MERCY Malaysia, UPM, UKM, UNIMAS, and RUMC, drafted chapters for the book which covered mitigation, preparedness, response, and recovery phase in disaster management, including the method of communication and risk communication.

# Protecting First Responders Against Zoonoses in Disaster Management







# One Health Field Epidemiology Training



The One Health Field Epidemiology Training was held from 17th to 22nd February 2019 in Kuantan, Pahang. The 46 attendees of the training are a mixture of ministerial officers and academicians from various disciplines. This 5-day training, led by Prof. Dr. Razitasham from UNIMAS, aimed at training younger One Health Workforce on how to respond competently to infectious disease outbreaks. The training brought participants on a trip to Terang Bersih Sdn Bhd, a landfill in Jerangau, Kuantan Port, and also to Lie Ming Pig Farm, Kampung Pulau Manis. This training was an eye-opener for the new generations of One Health Workforce that will hopefully strengthen their knowledge in fighting against zoonotic diseases.



# One Health

## Problem-Based Learning Book 2

### Session with Multidisciplinary Students

Prof. Dr. Jalila Abu from UPM, the Project Leader for One Health Problem-Based Learning Book 2, organized a pilot PBL case session on 15th March 2019. For PBL book 2, cases were piloted on 84 students from medical, veterinary and biomedical sciences worked on these cases together at the Faculty of Veterinary Medicine, Universiti Malaysia Kelantan. The activity assesses the comprehensibility of the developed cases while creating the opportunity for medical, health sciences, and veterinary students to work together on One Health platform. The piloted cases were taken from the PBL Book volume 2, and it is hoped that the book will bring more benefits to lecturers, teachers, and academics globally.





As a necessary teaching tool, a tabletop session delivers the One Health core and technical competencies without the investment for a field exercise. MyOHUN organized the Tabletop Exercise on Zoonotic Diseases at the Bangi Resort Hotel on 16th and 17th March 2019, led by Assoc. Prof. Dr. Rozita Hod from UKM. Forty postgraduate students from UKM, UNIMAS, UPM, UM, and UITM, many of which are from the ministries to engage an outbreak scenario using a One Health approach. This activity uses role-playing and group interactive exercises to stimulate experiential learning. Experiences ministerial officers and academicians from MyOHUN members were major resource persons in this exercise.



# Table Top Exercise on Zoonotic Diseases:

## Application of The One Health Approach





# Development of

## AMR Educational Toolkit for Animal and Aquatic Health

In the interest to enhance the teaching for the AMR issue among various stakeholders, Dr. Norazlina Hj. Mohd Noh leading 20 key participants from the Department of Veterinary Services (DVS) and the Department of Fisheries (DOF), drafted the AMR Educational Toolkit for Animal and Aquatic Health at the Pulse Grande

Hotel, Putrajaya, from 25th to 27th March 2019. The drafted toolkit covered all core areas of AMR knowledge. The toolkit will be used to educate various identified groups within each sector and will enhance knowledge dissemination among these groups.







# One Health

## Young Leaders and Communicators

On 6th April 2019, more than 60 multidisciplinary undergraduate students from several universities underwent an exciting six-day training at the Sudara Beach Resort, Kelantan. Intending to produce a holistic One Health future workforce, the training focuses on strengthening participants' communication, leadership, and partnership skills, using One Health Core Competencies as guidance. Participants were indulged in interactive lectures, group work, games, and team-building sessions scheduled by facilitators led by Dr. Sandie Choong from UMK. This year, the activity trained students from 8 local universities, including those in social sciences and economy, namely UNIMAS, UMS, USM, UUM, UMT, UniSZA, and four students from the Institute of One Health, Chittagong Veterinary and Animal Sciences University (CVASU), Bangladesh.





Conservation  
Medicine

# Training of

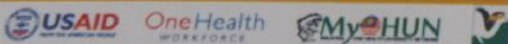
## Government Officials & Educators on Biosecurity and Biosafety in a Conservation Centre

Training of Government Officials & Educators on Biosecurity and Biosafety in a Conservation Centre took place in Felda Residence Hot Springs from 9th to 11th April 2019, led by Dr. Azman Shah Bin Abd. Manaf from PERHILITAN. Thirty-four government officers and educators from the Department of Wildlife and National Parks Peninsular Malaysia (PERHILITAN), National Wildlife Conservation Centre, National Elephant Conservation Centre, Veterinary Research Institute, RUMC, UKM, and UM contributed to this activity. The activity trained wildlife health personnel on biosecurity and biosafety measures for wildlife management at conservation centers in Malaysia. Dr. Chris Whittier from Tufts University, United States, was presented to share his experiences and knowledge on wildlife management. He also guides the development of the draft for the guideline.

**TRAINING OF  
GOVERNMENT OFFICIALS  
& EDUCATORS  
ON BIOSECURITY AND BIOSAFETY  
IN CONSERVATION CENTRE**

**9 - 11 APRIL 2019**

Felda Residence Hot Springs  
& National Wildlife Rescue Centre (NWRCC)







# One Health Field Experiential Training for Emerging Zoonoses

Assoc. Prof. Dr. Rozita Hod leading a team of academics organized the One Health Field Experiential Training for Emerging Zoonoses held in Star Well Hotel, Kuala Lipis, Pahang, from 8th to 11th April 2019, was a continuation from the tabletop exercise held in March. A total of 49 postgraduate students from IIUM, UKM, UMK, UNIMAS, UPM, and USM with various backgrounds participated in this activity. The activity highlighted the use of Geographic Information System (GIS) and its benefit to the participants. Health officers from the District Health Office demonstrated the larva survey procedure and preventive action from Malaria while visiting Felda Kechau, Pahang. Discussion and feedback sessions, along with a small exhibition on the larva survey, took place on the last day of the 4-day activity.





## Community Education & Field Training on Disease Transmission Among Indigenous People in Sungai Kemar, Perak

This activity was divided into 3 phases led by Prof. Dato' Dr. Abdul Rashid Khan from The Royal College of Surgeons in Ireland and University College Dublin Malaysia Campus (RUMC), and each phase was held from 8th to 10th March, 29th to 31st March, and 12th to 14th April 2019 respectively. Approximately 400 school children from the age of 9 to 12 years old were involved with this activity to create awareness, enhance knowledge, and empower the aboriginal school children. In each phase, a questionnaire was distributed to the school children to answer before the facilitators

introduced few activities related to basic hygiene, disease transmission, and its consequences to human health. During the third phase, a questionnaire was again distributed to seek whether the activities done have affected their lifestyle or knowledge of disease transmission. The data collected from the questionnaires will later improve the module developed before it can be published and use by educators and researchers.







# IN-SITU One Health

## Problem Based Learning for Animal and Ecosystem Health

Assoc. Prof. Dr. Hasliza Abu Hassim from UPM organized the IN-SITU One Health Problem-Based Learning for Animal and Ecosystem Health from 18th to 21st April 2019 in Akademi Pengembangan Veterinar and Pusat Perkhidmatan Veterinar Jerangau, Terengganu. With the objective to encourage students to employ the theories learned in class to the PBL investigation cases using One Health concept, a total of 33 students from various backgrounds, contributing to the unique aspect of One Health, were actively engaged. Five triggers were introduced, and active

discussion and brainstorming were required to investigate the problem. In addition, the participants also visited one of the goat farms in Marang to observe farm management and the environment. Participants had an extensive discussion with the facilitators on the potential zoonotic diseases which could occur among the farmers. Although the program was only for two days, the experiences gained managed to heightened students learning experiences to a level not achieved by in-class teaching.







# Table Top Exercise

## in Disaster Simulation



MyOHUN, along with major critical first responders' agencies and ministries, held the Table Top Exercise for First Responders for the first time on 24th April 2019 in Kem Syed Sirajuddin, Gemas, for "players" of the MyOHUN Disaster Simulation Exercise. This tabletop exercise is an important platform for the "exercise players" to familiarize themselves with the technical competencies and situations that could arise during the full-scale scenarios as this simulation exercise is novel. Dr. Rosnah Ismail, the project leader for this activity said, all the exercise players involved with this tabletop have the opportunity to streamline the role of each agency and encourage understanding of each other's role in a field simulation.





On 25th April 2019, Gemas-MyOHUN Disaster Field Simulation Exercise successfully brought National Agency for Disaster Management (NADMA), Fire and Rescue Department Malaysia (JPBM), Ministry of Health (MOH), Department of Veterinary Services (DVS), Royal Malaysia Police (PDRM), Malaysia Civil Defence Force (APM) and KTMB Gemas to orchestrate the field simulation, with the capacity to improve awareness among first responders to protect themselves and

others from biological agents during a disaster. Dr. Rosnah Ismail as the Project Leader for this activity was very proud that in total, more than 500 individuals were involved in this simulation exercise, including all relevant first responders, actors, observers, and Gemas-MyOHUN secretariat.

# Disaster Simulation Exercise 2019







# Training on Tropical Ecosystem Health & Prevention of Wildlife Zoonoses

The Training on Tropical Ecosystem Health & Prevention of Wildlife Zoonoses took place in Xcape Resort, Taman Negara Pahang, from 26th to 30th April 2019, and Dr. Tengku Rinalfi Putra from UPM led the activity. MyOHUN has organized this training for the past three years to teach and educate students about the important components of ecosystem health in the emergence of zoonoses. Forty participants from UPM,

UiTM, IIUM, and UM from a variety of academic backgrounds attended the training. Students were assigned to several groups to engage with PBL cases through discussion and brainstorming with multidiscipline group members and helped by their facilitators. Field observation in Kuala Tahan National Park was added to the program to learn more about ecosystem health.





# International Congress on One Health 2019

Jointly organized by Malaysia One Health University Network (MyOHUN), Universiti Putra Malaysia (UPM), Asian Association of Veterinary School (AAVS), World's Poultry Science Association (WPSA), and Department of Veterinary Services (DVS), the International Congress on One Health 2019 was held from 25th to 26th June 2019, with more than 250 attendees among researchers, policy makers, academicians and students from over 15 countries. The congress was officiated by the

Deputy Minister of Health Malaysia, YB Dr. Lee Boon Chye, during the opening ceremony on 25th June 2019. Headlining the theme "Enhancing Global Health and Wealth", the congress featured about 50 oral paper presentations on various One Health topics, providing a platform catalyzing intellectual exchange and networking, alongside more than 40 poster presentations.

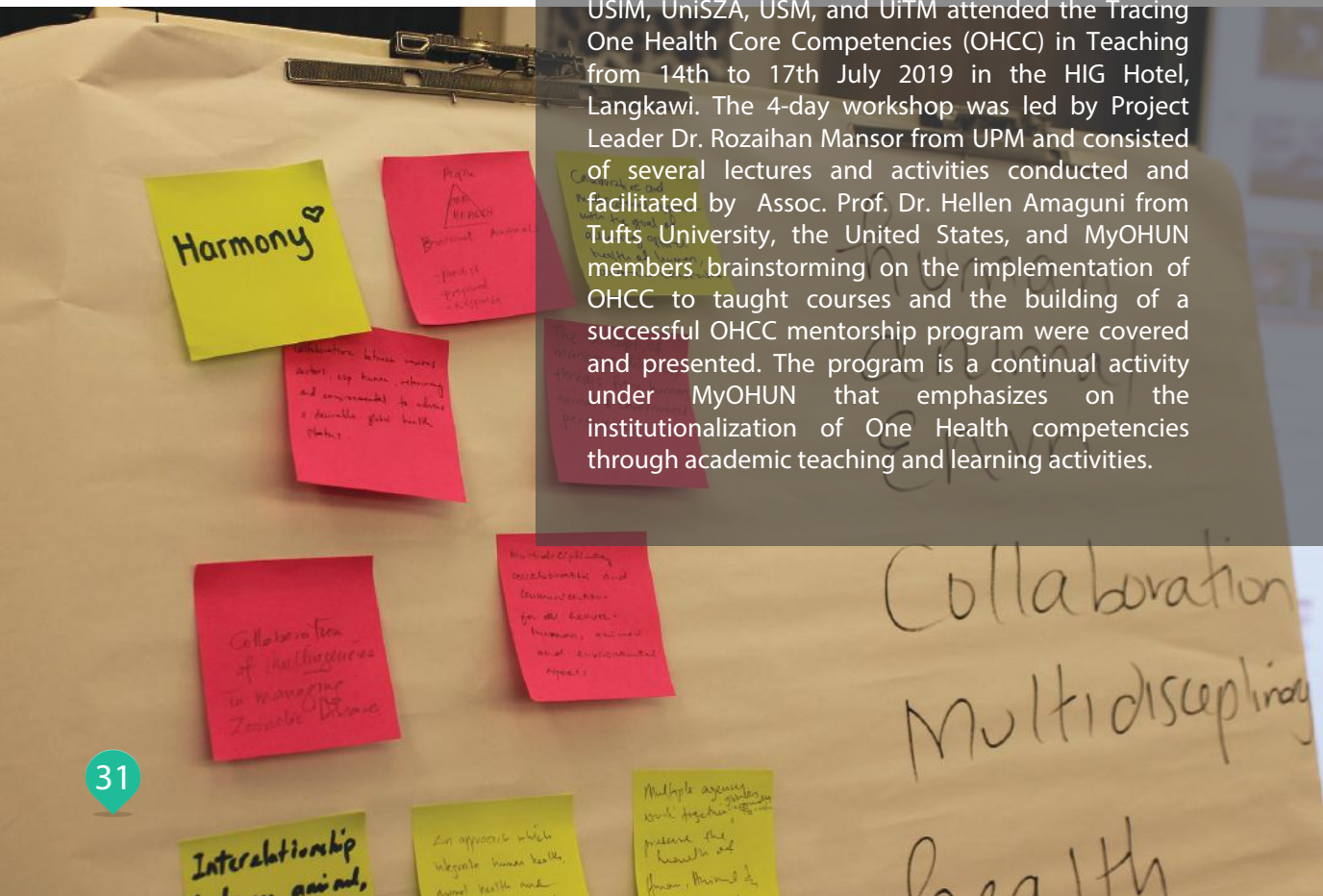




# Tracing

## One Health Core Competency in Teaching

Twenty-eight early and middle-level academicians of various backgrounds from UPM, UKM, UMK, IIUM, USIM, UniSZA, USM, and UiTM attended the Tracing One Health Core Competencies (OHCC) in Teaching from 14th to 17th July 2019 in the HIG Hotel, Langkawi. The 4-day workshop was led by Project Leader Dr. Rozaihan Mansor from UPM and consisted of several lectures and activities conducted and facilitated by Assoc. Prof. Dr. Hellen Amaguni from Tufts University, the United States, and MyOHUN members brainstorming on the implementation of OHCC to taught courses and the building of a successful OHCC mentorship program were covered and presented. The program is a continual activity under MyOHUN that emphasizes on the institutionalization of One Health competencies through academic teaching and learning activities.







# Regional Rabies Simulation Exercise 2019



MyOHUN, in collaboration with the Department of Veterinary Services (DVS), conducted the Regional Rabies Simulation Exercise from 16th to 18th July in Langkawi that involved more than 150 veterinary officers, medical officers, academicians, and the local community. The exercise was also attended by representatives from ASEAN countries such as Brunei, Cambodia, Indonesia, Laos, Myanmar, Philippines, Singapore, Thailand, and Vietnam. The Rabies Simulation Exercise, led by Dr. Salina Amat Bugis from DVS, is beneficial in building a team that acts fast and efficiently in dealing with the outbreak using streamlined contingency plans and procedures. Active collaboration and facilitation from the Police Department, Health Office, Health Clinic, and District Office of Langkawi contributed to the huge success of the exercise.





# Training of Trainers

## on Antimicrobial Resistance (AMR) and Infection Prevention Control (IPC) Educational Toolkits

Dr. Suraya Amir Husin from the Ministry of Health led the Workshop on Training of Trainers on Antimicrobial Resistance (AMR) & Infection Prevention Control (IPC) Educational Toolkits held on 23rd and 24th July 2019 in the Zenith Hotel, Putrajaya. With the aim to improve understanding of the use of AMR and IPC educational toolkits for human and animal health personnel, more than 100 participants from the Ministry of Health, National Cancer Institute, National Heart Institute, Nexus Health Solution Sdn Bhd, Allied Health Training Institution, USIM, UKM, UPM, UM, CUCMS, MSU, USM, UiTM, hospitals, and clinics attended the workshop.





# National Avian Influenza Simulation Exercise 2019

The National Avian Influenza Field Simulation Exercise was organized by the Ministry of Health, in close collaboration with MyOHUN and Department of Veterinary Services, led by Dr. Norita Samsuddin from MOH. Pahang state has been chosen as the location for this year's simulation exercise, specifically in Kuantan, Jerantut, Temerloh, and Pekan. The exercise began on 5th August with a briefing on the simulation in the IIUM Medical Centre Kuantan involving the organizers, controllers, evaluators, and observers. On 6th August, the simulation exercise was performed, and over

200 officers, health practitioners, and academicians were involved in this exercise. The simulation was followed by a debriefing and closing ceremony that evening. MyOHUN looks forward to continuing its involvement in this inter-agency collaboration as it increased the relevant parties' understanding of preparedness for infectious disease outbreak.







# ASEAN Seminar & Workshop on ANTIMICROBIAL STEWARDSHIP

"Stewardship for All"  
 THE SUMMIT 1, THE VERTICAL CONFERENCE & EVENT CENTRE, KUALA LUMPUR  
 30 - 31 October 2019

Ministry of Health Malaysia  
 &  
 Ministry of Agriculture & Agro-Based Industry

ASEAN Seminar and Workshop on Antimicrobial Stewardship in The Vertical Connexion Conference & Event Centre, Bangsar South City, Kuala Lumpur from 30th to 31st October 2019, was an effort by various ministries and organizations including the Ministry of Agriculture and Agro-Based Industry, British High Commission Kuala Lumpur and Nexus Health Solution, led by Ministry of Health in collaboration with MyOHUN. With the growing concern of antimicrobial resistance (AMR), Dr. Suraya Amir Husin from the Ministry of Health, through this activity, aims to improve awareness and provide insights on practitioners

and researchers of human and animal healthcare sectors that can contribute to improving the rational use of antimicrobials. More than 200 health practitioners, researchers, and academicians attended the activity that highlighted the theme "Stewardship for All" as a platform to discuss various AMR related topics and also the partnership and collaboration among ASEAN members to strengthen Antimicrobial Stewardship in ASEAN countries.

## ASEAN Seminar on Antimicrobial Stewardship





# One Health

## Student Club Activity Grant

Eight universities have established the OH Student Clubs. Below are the universities and advisors.



# UPM

Rabies Run 2019

Advisor: Prof. Dr. Latiffah Hassan & Dr. Nur Indah Ahmad



# UKM

Royal Belum Outreach Grand Venture

Advisor: Assoc. Prof. Dr. Azimatun Nor Aizuddin





# UNIMAS

Fight Against Rabies Program 2019 & Rabies Awareness Forum 2019

Advisor: Assoc. Prof. Dr. Ashley Soosay



# UMK

Raising One Health Awareness of Leptospirosis in Kelantan

Advisor: Dr. Sandie Choong Siew Shean



# USM

Let's Get to Know Zoonotic Diseases: Transmission and Prevention Program

Advisor: Assoc. Prof. Dr. Aziah Daud





# UiTM

Preserving Nature by Exposing the Students to Nature-based Activities and the Aboriginal Community

Advisor: Dr. Mariam Muhammad



One Health-Communication for Behavioural Impact (OH-COMBI) 2019

Advisor: Assoc. Prof. Dr. Ridhwan Abdul Wahab



# USIM

3D : Discover, Design, Deliver

Advisor: Dr. Nurul Azmawari Mohamed



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**OneHealth**  
WORKFORCE