

## Vietnam One Health University Network

# VOHUN

Quarter III/2016



## VOHUN YEAR 3 WORKING PLAN

## Highlights

As part of the VOHUN network framework, VOHUN NCO held a workshop titled “VOHUN Year 3 Working Plan” in Hai Phong on July 22-23, 2017 to provide updates on program activities in 2016. Moreover, the workshop unified the activities and funds proposed for Year 3 (2017), as well as the procedures of the activity proposal, report and settlement. A representative from United States Agency for International Development in Vietnam ( USAID Vietnam) attended the workshop.

Workshop delegates first presented the activities of the first six months in 2016 and the agenda for the next six months. Following this, university members shared experiences, advantages and disadvantages in deploying proposed activities, and discussed possible solutions.

A working plan, which was commented by delegates from the University of Minnesota, was approved when VOHUN NCO and all members ratified and unified each

activity. Members also discussed and proposed additional activities to implement at the end of 2016.

At the end of the workshop, VOHUN NCO presented the criteritions proposal and a guideline for preparing the settlement and technical report.



# ONE HEALTH FIELD – BASED TRAINING WORKSHOP FOR HEALTH AND VETERINARY STAFF VIETNAM NATIONAL UNIVERSITY OF AGRICULTURE

The first part for the One Health Field-Based Training Workshop for Health and Veterinary Staff was held July 25-29, 2016. The course participants included 20 field veterinarians and physicians from the Sub-Department of Animal Health (SDAH) and the Centers for Preventive Medicine of Hanoi, Bac Ninh, Thai Binh, Ha Nam, Quang Ninh, Lang Son, Hoa Binh, Hai Phong, Hung Yen, and Thai Nguyen.

The main objective of this course was to improve the clinician's knowledge on how to apply the One Health concept to zoonotic disease surveillance, investigations, sampling, communication, control, and response.



The trainees participated in two didactic modules, including four weeks of fieldwork. Module I included One Health lessons on diseases in populations, risk communication, systems thinking, zoonotic disease prevention, the role of stakeholders, principles applied to monitoring and managing zoonoses, sampling issues in the investigation of zoonotic diseases, communications, and scientific report writing. At the end of Module I, the trainees presented and submitted their field project proposals to the mentors for comments and approval.

In Module II, interdisciplinary teams of veterinary and public health staff operating in the same province of Northern Vietnam were established to study zoonotic diseases, such as avian influenza, rabies and *Streptococcus suis*. Interdisciplinary collaboration, system thinking skills and epidemiological methods were applied to survey the outbreak of zoonotic diseases. The information exchange between veterinary and public health staff plays a critical role in the prevention of these dangerous diseases in animals and the humans. Module II required four weeks of fieldwork, and at the end, participants presented their fieldwork results as oral presentations and written project reports. The closing ceremony of the training course "One Health Field Base Training workshop for Public Health and Veterinary Staff" was held by the

Faculty of Veterinary Medicine (FVM), and the Vietnam National University of Agriculture (VNUA) on the morning of August 30<sup>th</sup>, 2016. Twenty veterinary and public health staff from the Regional Animal Health Offices, Sub-Department Animal Health and Centre for Prevention Medicine successfully completed the training workshop and received certificates to commemorate this achievement. Dr. Le Thi Thanh Huong, Chairman of Vietnam One Health University Network (VOHUN), Dr. Pham Duc Phuc, the coordinator of VOHUN, and Dr. Trinh Dinh Thau, Dean of FVM attended the ceremony.

## COMPLETING MODULES FOR ONE HEALTH - ORIENTED INTERNATIONAL MASTER OF PUBLIC HEALTH PROGRAMME AT HANOI MEDICAL UNIVERSITY

On August 20-21, 2016, Hanoi Medical University and VOHUN national coordinating office organized a workshop titled, “Completing modules for One Health - Oriented International Master of Public Health Programme at Hanoi Medical University” in Danang city. Participants included representatives from the following universities in the VOHUN Network: the Institute for Preventive Medicine and Public Health (HMU), the Medical and Pharmaceutical University of Haiphong, Thaibinh and Ho Chi Minh city, the Vietnam National Academy for Agriculture, and Tufts University (USA).



International and national specialists discussed the PowerPoint presentations of each module (total 14 modules), as well as proposed additions to the programme developed in previous workshops regarding detail content, integration of One Health in each presentation, teaching methods, student evaluations, and which support is needed from foreign experts. Workshop delegates agreed on the following programme needs: (i) presentations need to follow the same IPMPH format, (ii) One Health content should be integrated in each presentation (if possible), (iii) more case studies should be developed, (iv) active teaching methodology should be applied (e.g. first provide basic knowledge, and then apply this knowledge by using locally relevant exercises and team-based learning, etc), (v) student evaluations should be based on professional scores, and (vi), international experts

are needed to provide international perspectives, developing case studies, and to solicit input from other experts for modules requiring global updates.

Now, HMU will revise and complete the detailed training programme, the modules/presentations and the handout, as well as post the syllabus on the website. Leaders of IPMPH will work on an operational plan for each module, provide formalities for financial settlement and disbursement; and establish a supportive group for students. The tentative date for the MPH course opening is November 2016, but the actual course will be launched by the end of September, 2016. In total, 18 students have been successful recruited.



## FEDERATION OF ASIAN VETERINARY ASSOCIATION CONGRESS (FAVA),

The 19<sup>th</sup> Federation of Asian Veterinary Association Congress (FAVA) was held in Ho Chi Minh city from September 7<sup>th</sup> to 9<sup>th</sup>, 2016. The congress aimed to strengthen the collaboration of Asian veterinary professionals to attain optimal health for people, animals and environment. The congress welcomed more than 1500 delegates working in care, management, veterinary medicine, nutrition, equipment, veterinary education, from around the world.

The 2016 FAVA congress theme was: “The collaboration of Asian Veterinarians in the One Health Concept”. There were eight sections with 12 key speakers from Canada, Belgium, France, United States, Italy, Thailand, Australia and Germany.

The Vietnam One Health University Network was the gold sponsor for the congress One Health section, which hosted



11 presentations. Keynote speakers were Professor Stanley Gordon Fenwick from Tufts University and Dean Trinh Dinh Thau from Vietnam National University of Agriculture. The section welcomed over 600 participants to join, share knowledge and update information from the Asia-Pacific region and beyond



## PILOT TEACHING ONE HEALTH MODULE FOR BACHELOR OF PUBLIC HEALTH STUDENTS AT HANOI SCHOOL OF PUBLIC HEALTH

With the aim of having basic knowledge about One Health and introducing widely One Health, Hanoi school of Public health organized a “Pilot teaching One Health module for Bachelor of Public Health students at Hanoi school of Public Health” on 24<sup>th</sup> and 25<sup>th</sup> September, 2016. There were 75 students from the second, third, and fourth-year at Hanoi school of public health attended. They had learnt the topics related to One health, such as: the basic concept of One Health approach; Zoonotic disease; teamwork and cooperation skills in One health; Risk assessment, risk communication and risk management in One Health; Culture in One Health, and students also have been practiced to identify and propose solutions to address a specific health problem.



## CONSULTATION SEMINAR ON RESEARCH “TRAINING NEEDS ASSESSMENT FOR THE MASTER OF PUBLIC HEALTH MAJORING ENVIRONMENTAL HEALTH IN VIET NAM 2016”

Hanoi School of Public health held workshops on 10<sup>th</sup> and 14<sup>th</sup> October 2016 in Hanoi. The objectives of the two workshops were to collect comments from provincial environmental health experts and government agencies, and to obtain a list of environmental health staff holding a Master’s degree. Attending the workshop were 20 experts from government agencies in Vietnam of environmental health, representing the General department of Preventive medicine, the Health Environmental Management agency, the National Institute of Occupational and Environment Health, the National Institute of Malariology Parasitology and Entomology; the Vietnam Environment Administration; the Vietnam Occupational Safety and Health Association; the Center for environmental consultancy and technology, the Centre of Rural Clean Water and Environmental Sanitation, the Environmental Police Department (Ministry of Public Security), and the Hanoi Medical University. At the 2nd workshop, the Center of Preventive Medicine; the Centre of Rural Clean Water and Environmental Sanitation, Environment and Natural



Resource Department and the Environmental Police Department (Bac Ninh, Hung Yen and Hanoi) joined to contribute the required capacity list of the environmental health staff.

By the end of the workshop, HSPH team gained extensive feedback from experts that will allow the research team to continue developing the Master of Environmental Health program.

### One Health Student Clubs

#### THE LAUNCHING OF ONE HEALTH STUDENT CLUBS

As part of the Vietnam One Health University Network (VOHUN) framework, the One Health Club was launched with the support and management of the Management Board, the Student Union and the Youth Union. The One Health Club has the following objectives: 1) To disseminate and raise awareness among lecturers and students about One Health and issues related to One Health, 2) To share the knowledge, and experiences in fields related to One Health, 3) To facilitate exchanges between students inside the network.

In the 3<sup>rd</sup> quarter of 2016, four One Health clubs that were launched successfully:

1. Vinh: August 24<sup>th</sup>
2. Hai Phong: September 16<sup>th</sup>
3. VNUA: October 11<sup>th</sup>
4. HMU: October 17<sup>th</sup>



## ONE HEALTH CLUB ACTIVITIES

**Thai Nguyen One Health Student Club:** In response to World Rabies Day (September 28), Thai Nguyen One Health Club organized an activity "Zoonotic diseases (Rabies): Field trip in Dai Tu district, Thai Nguyen City on 08/20/2016. Club members visited Dai Tu Preventive Medicine Center, and enjoyed the the guidance and enthusiasm shared by Director Nam Vu Hoai. Following this, the students engaged in knowledgeexchange and lively discussions withlocal authorities. Continuing the trip, Thai Nguyen One Health Club's members visited the Veterinary Centre of Dai Tu district with enthusiastic reception of Mr Truong Bui Van and local staff. Mr Truong said: "by the end of this spring, the percentage of vaccinated dogs in local area was 56% and we are striving to raise the percentage of vaccinated dogs in the coming period"



**Hue One Health Student Club:** On 30 September, 2016, One Health Club Hue (OHCH) organized a seminar with the topic of World Rabies Day (WRD). Some outstanding issues had been put forward to a discussion as: "Prevention the Rabies", "Rabies and our action", "Animal care by advanced model", "Prevention rabies and experiences", "Understanding about rabies vaccine", "Responsibility of Veterinary and Public Health students", "How to prevent rabies"... Conclusions made by club members on these topics were realisticand practical.



**Vinh One Health Student Club:** On 24<sup>th</sup> September, 2016, Ministry of Health collaborated with the Ministry of Agriculture and Rural Development, the World Health Organization, the Food Agriculture Organization and the USCDC with the Nghe An People's Committees to hold a meeting with the topic "Communication and Vaccination to eliminate rabies". The Vinh One Health Student Club joined the meeting and a flash mob dance to the "Who lets the dogs out" song, in order to raise awareness about rabies in community.



## Other Activities

### SCHOLARSHIPS TO ATTEND SHORT TRAINING COURSES IN SEA ON LABORATORY, CLINICAL SKILLS AND DIAGNOSIS OF ANIMAL DISEASES

In recent years, to ensure quality of education, university members of VOHUN have to face with the challenge of improving knowledge and professional skills for young lecturers, technical staffs and students. Especially, as a member of SEAOHUN, it is essential to organize human resource exchange program for young staffs between universities network in the region to i) Improve laboratory and clinical skills for young lecturers and technical staffs; ii) Strengthen co-operation between universities in training and research; iii) Provide technical expertise on the diagnosis of animal diseases; iv) Share experience in veterinary education and training. For all these goals, VOHUN provided scholarships for lecturers from VOHUN network for training at Rajamangala University of Technology, Tanwan-ok, Choburi, Thailand.



The course work started on June 5<sup>th</sup> 2016 and finished on July 12<sup>th</sup> 2016 with the main topics: zoonotic disease, communication disease, food safety, antimicrobial resistance management. The participants achieved good professional skills (laboratory, clinical skills and diagnosis of animal diseases as well as teaching skill) throughout training courses.

During twenty-eight days, these lecturers were trained survey epidemiology human health and animal health at a farm in Chonburi province.

### VOHUN AT EPT2 SUMMER JAMBOREE

VOHUN's coordinator participated in the 2016 Emerging Pandemic Threat 2 Summer Jamboree organized by the United States Agency for International Development (USAID) on July 14<sup>th</sup> – 15<sup>th</sup> 2016 in Bangkok, Thailand. Nearly 100 partners in the Asia region participated in the session focusing on VOHUN's Year 3 work plan.



### THE TRAINING COURSE ON ADVANTAGE OF AND WAYS FORWARD FOR INTEGRATED ONE HEALTH APPROACHED TO ANTIMICROBIAL RESISTANCE MANAGEMENT IN VIETNAM

Swiss Tropical Public Health held a training course titled, "The training course on advantage of and ways forward for integrated One Health approached to antimicrobial resistance management in Vietnam" with the support of VOHUN team and expert from University of Minnesota from 25<sup>th</sup> to 30<sup>th</sup> July 2016 in Hanoi. The one week training course provided an overview of global emergence and initiatives on AMR and how to integrated One Health approaches in AMR surveillance and control. Attending the training course were more than 20 candidates from universities and institutes that are working in the AMR field. With support from an expert from the University of Minnesota, the training course was successful in providing AMR and One Health approaches to attendees over the six day period.



## THE TRAINING COURSE ON ONE HEALTH CORE COMPETENCIES FOR PREVENTIVE MEDICINE AND VETERINARY MEDICINE STAFFS AT THE DISTRICTS LEVEL IN HIGHLAND AREA

The preventive medicine and veterinary medicine staffs are people who play important role on response and prevent infectious and zoonotic diseases. In addition, the highland area includes large of ethnic population with high infected rate of infectious disease than other area in Vietnam. Strengthening the knowledge and skills on One Health concept and OHCC for staffs at the district level in highland area is a good way to build the

workforce capacity for effective and efficient prevention, detection and response to infectious disease threats. For those reasons, VOHUN NCO organized the in-service training course on OHCC for preventive medicine and veterinary medicine staffs at Tay Nguyen University for workers at the district level in highland area of Vietnam. The course attached nearly twenty candidates from five provinces in highland area.

## VOHUN AT YEAR 3 KICK-OFF MEETING

The VOHUN team joined with all OHUNs in South East Asia in the Year 3 Kick – off meeting in Chiang Mai, Thailand from 16<sup>th</sup> to 18<sup>th</sup> October 2016. The meeting created a chance for all OHUNs to collaborate and exchange experiences during activity implementation in

the past as well as in the future. The OHUN teams also received support from University of Minnesota, Tuft University and OHW technical team to share challenges and solutions to situations that each OHUN might face during the implementation process.



### Upcoming Events

**7<sup>th</sup> – 8<sup>th</sup> November 2016:** VOHUN annual meeting;

**7<sup>th</sup> – 8<sup>th</sup> November 2016:** One Health session at the 4<sup>th</sup> AHIA International Health Literacy Conference Health Literacy and Quality of Healthcare Services;

**23<sup>rd</sup> November 2016:** Opening Ceremony “International Master of Public Health” at Hanoi Medical University;s

**3<sup>rd</sup> – 7<sup>th</sup> December 2016:** The 4<sup>th</sup> International One Health Congress and 6<sup>th</sup> Biennial Congress of the International Association for Ecology and Health;

**December 2016:** Training of trainers on One Health Core Competencies in Can Tho city;

**December 2016:** Stakeholder consultative workshop to develop a framework to strengthen One Health approach to prevent and control zoonotic diseases.

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