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**SEA OHUN**  
Southeast Asia One Health  
University Network



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Y TẾ CÔNG CỘNG  
HANOI UNIVERSITY OF PUBLIC HEALTH

**VOHUN**  
Vietnam One Health University Network

# VOHUN

VIETNAM ONE HEALTH UNIVERSITY NETWORK

## Network Overview



**13** Completed Activities



**27** Member Universities

**33** Faculties



**JEE Technical Areas**

D3 Human Resources

**13 Activities**



**336**

Individuals Trained in  
One Health Topics



**19**

One Health Student Clubs



**24**

Informational Resources  
and Products

# About us

- Our mission: To leverage the training, education, and research capacities of the university Network to build the skills, knowledge, and attitude base for OH leaders.
- Established in November 2011.
- Visit our website at [www.vohun.org](http://www.vohun.org)

## Highlights

### Strengthening Human Resources in Viet Nam: Reinforcing Workforce Capacities in One Health

- VOHUN extended its support to 15 One Health Student Clubs (OHSCs) from 13 member universities, offering both technical and financial assistance to conduct 17 activities such as contests, seminars and workshop in strengthening OH capacities to address OH emergencies in Vietnam.
- Established two new One Health Sites in Nam Truc district, Nam Dinh province and Binh Luc district, Ha Nam Province
- Conducted field-based training courses covering diverse topics such as the assessment of animal-to-human transmission risk and animal waste risk, a one-week rabies vaccination campaign and biorisk assessment in the community for 153 undergraduate students.
- Conducted a One Health training course on joint risk assessment for human health and animal health professionals, 16-17 March 2023
- Conducted training for in-service health professionals on One Health Core Competencies, 30-31 March 2023
- Organized a ToT course on Competency- Based Education (CBE) for Faculty members, Staff and Ministry Officials, 28-29 June 2023
- Provided scholarships for four Vietnamese students enrolled in the International Master's of Public Health program with a One Health focus at the Hanoi Medical University
- VOHUN launched an online survey and distributed it to 1,460 respondents to assess our sustainability, based on partnership health indicators, 18 November 2022.
- VOHUN conducted a case study on OH poultry farming in Thai Nguyen province in partnership with International Livestock Research Institute (ILRI) and Veterinarians Without Borders (VWB). We developed a Knowledge, Attitudes, and Practices (KAP) assessment report and created case studies.
- Developed two training videos on gender assessment for the One Health Workforce Academy platform
- Hosted VOHUN's Year 5 activity planning meeting in Hanoi. Leaders and focal points of 27 VOHUN member universities attended the meeting to discuss new activities in Year 5, 5-6 July 2023
- Hosted VOHUN's virtual annual meeting with 132 participants, 20-21 September 2023

# Activities

## OBJECTIVE 1

### Empowering One Health Professionals

*In Alignment with JEE Indicator D3.3: Enhancing Workforce Development in One Health to Address Health Challenges*

In Year 4, VOHUN provided technical and financial support for 15 One Health Student Clubs (OHSCs) with the participation of 1, 214 students from 13 member universities to initiate 17 activities. The activities included contests, effective communication, seminars, workshops and community engagement.

From 16-17 March 2023, VOHUN conducted the training course, “Joint Risk Assessment for Human Health and Animal Health Professionals,” in Can Tho for 34 human health and animal health staff working at One Health Sites (OHS). Participants from the human health sector shared their knowledge of risk assessment with personnel from the animal health

sector and engaged in group discussions to exchange ideas regarding joint risk assessment tools.

VOHUN arranged a two-day course for 37 One Health in-service professions at One Health Sites in Can Tho from 30-31 March 2023. The participants worked in the Can Tho and Long An CDC, DAH, sub-DAH, district health centers, animal health stations, Department of Agriculture, and regional universities. The training focused on the One Health approach, One Health core competencies, identifying priority One Health problems, and facilitating students’ development at OHS.



Launching ceremony of OHSC at Dong An University. Photo credit: VOHUN

From 17-18 August 2023, VOHUN organized aToT training course in Ho Chi Minh City. The program taught One Health Core Competencies (OHCC) to 25 lecturers from three new member universities (Dong A University, University of Natural Resources and Environment, and Vietnam-German University). Participants gained a better understanding of the One Health approach, One Health core competencies, implementing One Health core competencies in training programs, and applying One Health core competencies as a teaching strategy for students.

From January to June 2023, VOHUN collaborated with three subject matter experts from human, animal and environmental health fields to develop a fieldbased training manual tailored for students at One Health Sites (OHS). Before finalizing the manual, we convened a virtual workshop on 10 May 2023 with 63 participants. During the workshop, the experts shared their drafts and sought input from 57 university educators. This training material will serve as a shared resource for all VOHUN member universities.

## OBJECTIVE 2

### Enhancing Health Security Workforce

*In Alignment with JEE Indicator D3.3: Workforce Training*

The VOHUN NCO conducted an alumni tracking survey on Kobo toolbox, tailored for Public Health graduate students with a One Health focus for the international master's degree program at the Institute of Preventive Medicine and Public Health (IPMPH- HMU). We collected valuable insights regarding the status and post-graduation experiences of our alumni. Out of 120 alumni who received the questionnaire, 74 participants completed the online survey. We gathered the primary data from 28 July to 15 August 2023.



Launching ceremony of OHSC at Dong An University. Photo credit: VOHUN



The findings showed that most alumni, predominantly employed in stable positions, are notably prevalent in government, non-government organizations and the private sector with a significant number of securing roles in donor agencies or United Nations bodies. Graduates highlight key benefits of the IMPH program including the cultivation of One Health knowledge and skills, leading to full-time employment and career advancement. This activity is directly relevant to JEE indicator D3.3 as it promotes workforce development by assessing their competencies in One Health.

From 28-29 June 2023, VOHUN conducted a ToT course on competency-based education (CBE) for faculty staff and ministry officials. Lecturers from 27 member universities and technical officers from the Ministries of Health (MOH) and Agriculture and Rural Development (MARD) attended, with 83 participants. During the training course, we introduced the One Health Competency-Based Assessment Toolkit, the framework for CBE, and adult pedagogy and teaching methods to the participants. They also had the chance to discuss their plans for developing CBE modules and implementing them in their organizations.

VOHUN conducted a case study on OH poultry farming in Thai Nguyen province in partnership with International Livestock Research Institute (ILRI) and Veterinarians Without Borders (VWB). We developed a Knowledge, Attitudes, and Practices (KAP) assessment report and this will be used as a case study. The students will use what they have learned in class to assess scenarios and propose solutions to tackle problems based on the case study scenario.

## OBJECTIVE 3

Five members from VOHUN participated in a four-day workshop on organizational development workshop, organized by SEAOHUN in collaboration with the GlobalTeam in December 2022. This workshop improved the participants' knowledge on organizational sustainability, and VOHUN shared ideas on resource mobilization beyond the OHW-NG project.

VOHUN organized Year 5 activity planning meeting from 5-6 July 2023 in Hanoi with 66 participants, including USAID officials, internal staff, rectors, vice-rectors, dean, vice-dean and senior lecturers from 27 member universities. During the meeting, VOHUN presented their proposed activities prior to small group discussions among member university representatives.

From 20-21 September 2023, We hosted our annual VOHUN meeting virtually and 132 representatives from 27 member universities and other partners attended. The meeting offered an opportunity to brief VOHUN members on the Year 5 work plan, and participants shared their experiences, successes, and lessons learned from Year 4.

On 18 November 2023, VOHUN completed the sustainability assessment, engaging 1,460 participants through partnership health indicators. The survey garnered responses from 201 participants, revealing an impressive 91.5 percent satisfaction rate with VOHUN's initiatives. The respondents provided positive feedback on VOHUN's adeptness in managing conflicts of interest.



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# HỘI THẢO

## Mục tiêu 1

Kết quả	Thứ tự ưu tiên
1.1. Xây dựng và đánh giá gói thường quy về quản lý và điều trị KKS cho CB Y tế, TY ở thu hút DBSC.	20
1.2. Nâng cao năng lực cho các MSK thực hành MSK cùng tham gia lực lượng MSK sau khi p.	19
1.3. Hỗ trợ CB các Viện về MSK và các NCC	6

## Mục tiêu 1 (tiếp)

Mã HĐ	Tên hoạt động	Thứ tự ưu tiên
		1 2 3
1.4	Tập huấn về sơ phản ứng và ổ dịch cho nhân môi trường, khu vực núi/vùng	24
1.5	Hỗ trợ Thạc sĩ quốc	13
1.6	Hỗ trợ ở các tỉnh ph	

## Mục tiêu 2

Mã HĐ	Tên hoạt động	Thứ tự
		1 2 3
2.1	Đánh giá nhu cầu nhân lực phòng xét nghiệm của trường ĐH để quản sát và ứng phó với các bệnh truyền nhiễm và bệnh lây truyền qua máu và nguồn	20
2.2	Xây dựng và thử nghiệm hướng dẫn sử dụng công cụ đánh giá cơ chế điều phối liên ngành Một số khác	
2.3	Đánh giá khối lượng công việc của các tổ chức tổ chức TT kiểm soát dịch bệnh (CDC) và các chức năng y (S-DLH) dựa trên bộ chỉ số khối lượng công việc đánh giá như các năng lực (ISD)	



# Lessons learned/ Good practices

The VOHUN NCO seized the opportunity to initiate projects and strategize for Year 4 while we waited for the Ministry of Health's (MOH) work plan approvals. Specifically, we completed the VOHUN Sustainability Assessment in early October 2022, one month after securing MOH's approval due to our proactive approach.

## Next steps

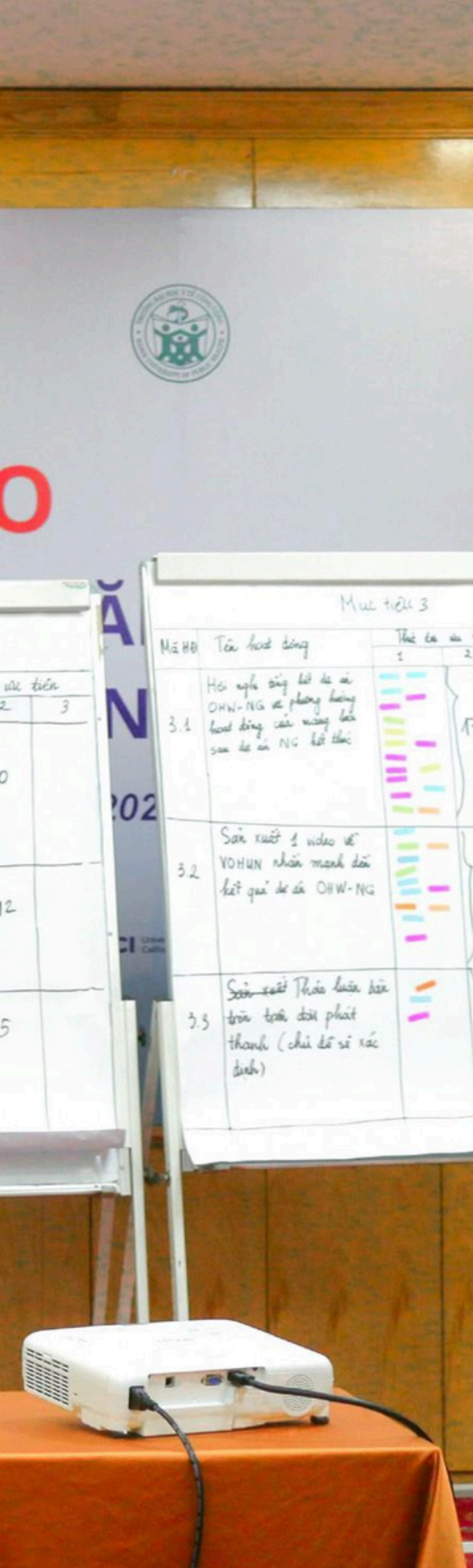
### Fostering Collaboration with Different Stakeholders for Future Sustainability

VOHUN is committed to fostering collaborations with a diverse range of partners, including global consortiums, government and non-governmental organizations, private organizations, and communities to advance One Health in Vietnam and our region. VOHUN will also develop a long-term strategic sustainability plan to enhance the organization's future sustainability.

Our ongoing commitment involves maintaining a strong rapport with provincial authorities and empowering the capacity of the OHS communities. We aim to equip these communities with the skills and resources needed to effectively detect, prevent, and respond to infectious disease threats through the development of a proficient and coordinated workforce. By collaborating closely with the Vietnam One Health Partnership and the departments overseeing these efforts, VOHUN will enhance inter-ministerial cooperation at the highest levels.

### VOHUN's Commitment to Empowering One Health Student Clubs (OHSCs)

VOHUN remains steadfast in its support of One Health Student Clubs (OHSCs), facilitating their efforts to implement activities that allow students to put their newly acquired skills into practical use.





# GIẢI KHUYẾN KHÍCH





# Success story

## “Creating Safer Communities: The 2023 Rabies Vaccination Program”

Vietnam recorded 23 rabies-related fatalities in 2023, and Long An province reported two dog rabies cases in 2022. Duc Hue district of Long An is a known rabies hotspot. Some communities still neglect rabies prevention in domesticated dogs and cats despite the elevated risk. To raise awareness, Nong Lam University (NLU), the University of Medicine and Pharmacy in Ho Chi Minh City (UMP), the Long An Department of Agriculture and Rural Development, and the Duc Hue People's Committee collaborated to conduct the 3rd annual, "Rabies Vaccination for Community," program in 2023 in 11 communes from 15-22 April 2023.

The “Rabies Vaccination for Community” program received funding from Boehringer Ingelheim to sponsor 6,569 dog and cat vaccinations, human and animal health screenings, and community engagement with support from local authorities and VOHUN. The community engagement included rabies education activities for over 400 students at several local secondary schools, and a survey on pet owners’ knowledge, attitudes, and practices related to rabies prevention. The Youth Union of Duc Hue district, Boehringer Ingelheim employees, students, and VOHUN staff also planted 200 trees together in Binh Hoa Bac commune. Thanks to the 106 lecturers, students, and local staff, the program was a wonderful success. The team distributed 3,000 rabies prevention leaflets, 11 books on infectious diseases, and medically screened 90 elderly and underprivileged individuals, as well as 30 local pets free of charge.

The program continues to have a positive influence on community rabies awareness, and vaccinations increase every year. Locals are now actively seeking out rabies prevention support. This is the first year that almost 92 percent of the animal population received a rabies vaccine. In recognition of the program’s contributions, the Long An Department of Agriculture and Rural Development awarded the certificate of merit from the Chairman of the Provincial People's Committee to UMP, NLU, and Boehringer Ingelheim. The Long An People's Committee also expressed their desire to support the program for another five years.

[https://moh.gov.vn/web/phong-chong-tai-nan-thuong-tich/tin-noi-bat/-/asset\\_publisher/iinMRn208ZoI/content/tang-cuong-bien-phap-cap-bach-phong-chong-benh-dai](https://moh.gov.vn/web/phong-chong-tai-nan-thuong-tich/tin-noi-bat/-/asset_publisher/iinMRn208ZoI/content/tang-cuong-bien-phap-cap-bach-phong-chong-benh-dai)

“This is the best way to practice our specialized skills alongside studies at university, to become socially-minded individuals at every stage in life. Moreover, we all learned important soft skills that we need to improve, such as patience, empathy, understanding and communication skills through working with people from diverse backgrounds”

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A student involved in the vaccination event

*“The vaccination campaign has a positive impact, reducing fatalities caused by rabies in dogs and cats and contributing to protecting the health and lives of local people”*

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A community member



Students learning examination and rabies vaccination for dogs and cats in Duc Hue, Long An. Photo credit: VOHUN



# One Health Champion



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*"Human health, animal health, and environmental health - Let them be the forces behind balance and sustainability- ONE HEALTH. My dedication is fueled by my deep love for humanity, animals, and the environment, propelling me to make a positive impact."*

## VOHUN

### Mai Van Phong

VOHUN University member (President of Phenikaa University One Health Club) Faculty of Biotechnology, Chemistry and Environmental Engineering, Phenikaa University, Viet Nam

Mai Van Phong is a Biotechnology major at Phenikaa University and a passionate champion for One Health. He served as the Phenikaa University One Health Club president from 2021–2023. Phong demonstrates unwavering commitment to promoting integration among human health, animal welfare, and environmental sustainability disciplines. In just 10 months, he earned three scholarships and secured third place in the 'Global Project-Based Learning on the Internet of Things (IoT) competition, demonstrating exceptional intellect and creativity. This competition was intricately linked to environmental health monitoring, involving the detection of heavy metal concentrations in soils through specialized sensors. Additionally, it delved into disease control in animal farming, implementing practical applications to enhance disease control measures for animals. The scope also included data collection for analyzing health-related parameters in One Health approaches.

In addition, Phong participated in a short-term exchange program in Tokyo, Japan where he engaged in pioneering research on microorganisms and their role in wastewater detoxification. His work ethic attracted the attention and respect of his professors. Phong also secured a SEAOHUN scholarship providing him another opportunity to acquire invaluable knowledge, hone crucial life skills, and deepen his understanding of the interconnectedness of human, animal, and environmental health.

Beyond his academic endeavors, Phong serves as a role model, embodying the core values of One Health within the VOHUN network and his broader community. His love for humanity, animals, and the environment serves as the driving force behind all his actions, and he inspires those around him to join in this noble cause.