



USAID
FROM THE AMERICAN PEOPLE

SEA OHUN
Southeast Asia One Health
University Network



TRƯỜNG ĐẠI HỌC
Y TẾ CÔNG CỘNG
HANOI UNIVERSITY OF PUBLIC HEALTH

VOHUN
Vietnam One Health University Network

VOHUN

VIETNAM ONE HEALTH UNIVERSITY NETWORK

Network Overview



10 Activities Planned for Year 5

1 Completed Activity

3 Ongoing Activities

6 Activities in Planning



26 Member Universities

32 Faculties



19 One Health Student Clubs



30 Individuals Trained in One Health Topics



3 Informational Resources and Products Made

JEE Technical Areas



D3 Human Resources:
5 Activities



RI Health Emergency Management
1 Activity



R5 Risk Communication and
Community engagement:
1 Activity

About us

- Workforce Gstrategy: In partnership with government, local, private, and international entities, we aim to develop a resilient and adaptable One Health workforce ready to tackle complex health challenges collaboratively and sustainably. To this end, we will coordinate with state agencies on capacity-building and national human resource planning, enhance One Health field training sites, and enhance community engagement, all while effectively showcasing VOHUN's achievements.
- Established in November 2011.
- Visit our website at www.vohun.org

Highlights

- Organized a technical meeting focused on “Reviewing the current AMR status in three target provinces and summarize RccE efforts on AMR,” on February 29, 2024. The finalized report can be accessed here: https://drive.google.com/file/d/16V-bpKVuUGqZSz5Otg78kBKwZWfAyXoQ/view?usp=drive_link
- Conducted a Training of Trainers on RccE for human health, animal health, and environmental health staff at district and communal levels on AMR OH messaging from March 28-29, 2024 in can Tho Province.
- Organized a meeting for reviewing collaborative RccE strategies for AMR prevention at the provincial level on March 25, 2024. Three experts helped develop the RccE strategy for three targeted provinces. Link here: https://drive.google.com/file/d/1GyYMNcqRjqk08DyDpiSjyjigRJKmeFg_/view?usp=sharing
- Developed guidelines for human, animal, and environmental health workers to use in RccE implementation at the grassroots level. The guidelines can be accessed here: <https://drive.google.com/file/d/1P-9hR4rTf6MqoifQop44AD0EABJ2NJep/view?usp=sharing>
- VOHUN proudly supported three One Health Student clubs at Vinh Medical University, Nghe An University, and Phenikaa University to organize two activities in January and March, 2024. A total of 80 students participated in the events to promote community awareness about One Health and environmental waste management.

Activities

OBJECTIVE I

During this reporting period, VOHUN completed activities that directly contributed to JEE indicators R5.1, RCCE systems for emergencies, and R5.2, Risk communication. The activities included a mix of communication and engagement strategies including media and social media communications, mass awareness campaigns, health promotion, social mobilization, stakeholder and community engagement, and infodemic management.

1. VOHUN organized a technical meeting for reviewing the current AMR status in three target provinces and summarizing RCCE efforts on AMR on Feb 29, 2024, at the VOHUN NCO office, Hanoi. A group of 3 experts appraised the content of antibiotics and AMR, the status of antibiotic usage and AMR in Vietnam, and summarized global RCCE AMR efforts, especially in Vietnam. Following the presentations, they offered valuable comments and suggestions to refine the content of an overview report.
2. The VOHUN NCO convened a technical meeting on March 25, 2024, to review collaborative strategies for preventing Antimicrobial Resistance (AMR) at the provincial level with the participation of 3 experts from three target provinces, Tra Vinh CDC, Can Tho, and An Giang Animal Husbandry and Veterinary Subdepartment. The meeting focused on explaining RCCE's function, essential elements, benefits and drawbacks in creating a consistent strategy applicable throughout each province. The experts engaged in discussions, providing comments and suggestions to tailor the strategy to meet the specific needs of each province.
3. VOHUN developed guidelines for human, animal, and environmental health workers to facilitate RCCE implementation at the grassroots level. These guidelines offer health professionals a valuable resource, covering the basics of risk communication and community engagement. They also provide a simple and practical reference on the fundamental skills and methods required for locally led communication initiatives.



Dr. Muon Vo Thi Hong from Tieu Can Health Center in Tra Vinh Province presented the results of group work on an AMR-focused RCCE plan for district and communal-level human health, animal health, and environmental health staff in three selected provinces. Photo credit: VOHUN.

4. From March 28 to 29, 2024, VOHUN conducted a training of trainers on AMR-focused RCCE for district and commune-level human, animal, and environmental health staff in three selected provinces in Can Tho province. A total of 26 trainees gained knowledge, skills, and improved capacity for implementing communication strategies. VOHUN also presented the guidelines for human, animal, and environmental health workers to use in RCCE implementation at the grassroots level. This activity directly contributed to JEE indicators, as trainees were equipped with the necessary skills to prioritize RCCE at the community level to address AMR issues

VOHUN provided technical and financial support to One Health Student Clubs (OHSCs) to implement activities in alignment with JEE indicator D3.3, workforce training. Through these activities, participants are equipped with the required workforce competencies to address complex health challenges within the country.

1. OHSCs from Vinh Medical University and Nghe An University of Economics hosted the “Ring the Golden Bell Competition,” themed “Learn About One Health,” on 4 Jan 2024. The event promoted awareness and knowledge about health for humans, animals, and the environment. Fifty students joined the competition, and they gained knowledge about OH concepts and networked with other members.
2. OHSC Phenikaa University successfully organized the activity, “Campaign to Guide People in Classifying Waste and Approach the Model of Raising Black Soldier Fly Larvae to Reduce Organic Waste Release into the Environment,” at two communes on March 10 and 17, 2024. Nearly 200 people from two communes and 31 students participated in the event.



Students from Vinh Medical University and Nghe An University of Economics participating in the OH awareness event. Photo credit: VOHUN

OBJECTIVE 2

VOHUN developed a draft guideline for utilizing the One Health multisectoral coordination mechanism assessment instrument. The purpose of this guideline is to provide health professionals with a resource on the fundamentals of risk communication and community engagement (RCCE). The guideline is divided into three main sections:

1. Definitions of communication and community engagement
2. Best practices for implementing RCCE in AMR
3. Introduction of basic tools to support the implementation of RCCE strategies for AMR in communities

This draft guideline will be presented at a workshop, scheduled for May 2024. This activity directly contributes JEE indicator D3.1, multisectoral workforce strategy and D3.2. human resources for implementation of IHR.

OBJECTIVE 3

VOHUN took an active role in a series of virtual sustainability workshops, jointly led by the Secretariat and the GlobalTeam. These engaging sessions provided VOHUN participants with the necessary tools to craft a detailed sustainability plan that includes post One Health Workforce-Next Generation (OHW-NG) business models, governance structures, staffing requirements, distribution strategies, and a financial roadmap for the next three years.

Lessons Learned/ Good Practices

The VOHUN NCO completed three documents which will be presented in the upcoming technical meetings and training course while waiting for the Ministry of Health's approval. These documents are: (1) an overview of the current AMR status in three target provinces and summary of RCCE efforts on AMR; (2) RCCE strategies for AMR prevention at the provincial level; (3) the guideline for human, animal, and environmental health workers to use in RCCE implementation at the grassroots level. VOHUN encountered some delays while trying to enhance public health training and capacity building. There were challenges navigating the approval process with the Ministry of Health (MOH) for organizing training courses, meetings, and workshops. It's believed that establishing a more streamlined communication and approval pathway with the MOH could significantly expedite our joint efforts to improve health outcomes.

Next Steps

Strengthening collaboration for activity implementation

VOHUN NCO is collaborating with partners to organize an in-service hands-on training, called: "Applied Training on Outbreak Preparedness, Prevention, and Response for Human Health, Animal Health, Environmental Professionals, and Forest Rangers/Inspectors at the District level in Mountainous/Bordering Areas." Logistics operations are currently underway. This activity is scheduled to be implemented from April 3 to 5, 2024, in Dien Bien Province.

Leveraging effort for organizational sustainability

VOHUN is preparing proposals to maintain VOHUN's operations after the OHW-NG Project ends. Understanding the importance of sustainable development, particularly post OHWNG, is imperative. Leveraging VOHUN's significant accomplishments, like the establishment of 19 One Health Students Clubs with approximately 1,000 members and the operation of 14 field sites spanning 10 provinces, will continue to grow the organization's capacity and influence. In anticipation of the postproject phase, project proposals are being developed to engage potential partners and donors. These proposals articulate how VOHUN plans to sustain its mission by advancing One Health training programs through both pre-service education and in-service training initiatives.

Regional Highlights

Strengthened VOHUN's capacity to develop One Health online courses through an instructional design webinar series

The Secretariat Team, in collaboration with the Global Team, provided technical support to VOHUN, focusing on instructional design training for the One Health online course development. Four participants from Viet Nam joined a three-webinar series co-led by the Secretariat and the Global Team on March 5, March 19, and April 2. The sessions covered an instructional design model and templates; the use of artificial intelligence in designing online courses by introducing different AI tools; understanding learners' needs; developing learning objectives; e-module development for the One Health workforce of the future; evaluation; and sharing of instructional design best practices by experts. These sessions equipped the participants with insights to create online courses and essential skills for developing instructional design for online courses. Throughout the sessions, the participants actively engaged and provided positive feedback, gaining knowledge about the necessary skills for future One Health course development for the country.

Enhanced VOHUN's knowledge on Gender through virtual Community of Practice (VCoP) webinar series

In December 2023, the Secretariat Team, in collaboration with the Global Team, organized the virtual session on gender to enhance VOHUN's understanding of gender issues through various gender-related topics and knowledge exchange across country networks. The webinar sought to improve understanding of gender and its significance in the context of One Health.

The session, facilitated by the Secretariat's gender consultant, focused on the topic, "Gender Analysis in One Health." During this session, the consultant introduced the GEDSI (Gender, Equality, Diversity, and Social Inclusion) analysis framework, which can be integrated into program implementation across country networks. Five participants from VOHUN attended the webinar, actively engaging in discussions on gender issues and exploring ways to integrate gender considerations into One Health activities in Viet Nam.

Global Highlights

Enhance national competency-based One Health workforce training through the One Health Workforce Academies (OHWA) platform

Global One Health Workforce Academy update: The OHWA team continued to manage 12 high-quality asynchronous courses that are accessible to a global community of learners. This year, our team engaged >3,500 learners from >90 countries who enrolled in our competency-based one health courses, and these courses were opened for continued enrollment for learners at any time for convenience and flexibility. In Vietnam, seven of learners out of our target of 100 engaged with the OHWA platform and more targeted outreach to increase use is planned for the remainder of Year 5. For more information on the OHWA, please see "Appendix 1. Global Team report". In addition, the Global Team liaised with the World Health Organization's (WHO) Academy (<https://www.who.int/about/who-academy>) team to explore synergies between the One Health offerings and WHO Academy's extensive pool of learning and training resources with direct relevance to Tanzania's JEE goals and IHR Benchmark targets.

Training and tools for One Health advocacy, policy, and workforce strategy

A course on One Health Policy and Advocacy is being developed for the Global OHWA platform based on six competency modules included in the One Health Workforce Competency Evaluation Toolkit. Content for one module was developed in March 2024, and the content for Module 5 “Advocacy and Marketing” forms the basis for the skills building workshop “Catalyzing Change” that will be delivered during the 4th AFROHUN International Conference in Nairobi, Kenya in April 2024.

Training on gender analysis and One Health gender integration into trainings

A comprehensive review of gender-focused activities is included in Appendix 3 the “Gender Action Plan” update.

Objective 3 - Organizational Sustainability

Supporting and strengthening Network organizational capacity, sustainability plans, and resource mobilization efforts to position the Network and country chapters for success post-award.

Since October 2023, the Global Consortium in collaboration with the Regional Secretariat organized a series of virtual meetings to help country chapters plan for sustainability beyond USAID funding. The several sessions held so far have focused on two main aspects:

1. Development of a country chapter sustainability plan
2. Development of advocacy brochures



Photo credit: VOHUN

Both these documents are already in advanced stages of development, and the country brochure is already in use by the VOHUN. The Sustainability Plan was submitted to the Global Team in March 2024 and will be continually updated for the life of project. For more information on these workshops and plans, and the approach for Sustainability Plan implementation, please see the “Appendix 1. Global Team Report.”

Project Management and Communications

Collaborative and adaptive management of project operations, compliance with policies and procedures, and timely financial and technical reporting

VOHUN worked with the SEAOHUN Secretariat and Global team to provide timely technical and financial reports and to assure compliance with USAID, OHW-NG project, and SEAOHUN policies and procedures.

Monitoring performance and showcasing impact

VOHUN provided Activity Reports and data for Monitoring and Evaluation reports and updates to the project Activity Tracker to support project performance monitoring.

Year 5 Activity Launch to support successful implementation

For more information on Project Management and Communications, please see “Appendix 2. Project Management and Communications”

Photo credit: VOHUN



Success story

"This campaign has brought a breath of fresh air to our homeland. From now on, we have learned how to sort waste properly. Black soldier fly larvae also bring great hope to us in dealing with organic waste."

Community member

"This activity not only transformed our understanding of waste management but also empowered us as students to make a tangible impact on our community's environmental health."

Student participant

Stepping Towards a Cleaner Environment

Vietnam generates approximately 60,000 to 70,000 tons of household waste daily. Hanoi, the capital and second most populous city, contributes over 6,000 tons per day.¹ Waste management has thus become a pressing challenge. Faced with this situation, local governments urge flexible measures to address the issue. However, despite these efforts, there are still many limitations: most notably, the community's knowledge of waste sorting.

To tackle this issue and promote effective methods for minimizing organic waste discharge into the environment, the One Health Student Club (OHSC) at Phenikaa University launched the campaign, "Guiding People in Classifying Waste and the Model of Raising Black Soldier Fly Larvae to Break Down Biodegradable matter," at two communes: Dong Son, Chuong My, Hanoi and Dong Hoa, Kim Bang, Ha Nam on March 10 and 17, 2024.

The campaign, engaging nearly 200 residents from two communes alongside 30 OHSC members, garnered enthusiasm and active participation. During the event, two faculty advisors delivered a presentation on the effects of improper waste management on the environment and ecosystem and then instructed local residents on waste classification. To avoid boredom, the students demonstrated how to sort waste at home, which promoted a lot of fun and joy among the group.

¹ <https://www.vietnam-briefing.com/news/turning-challenges-into-opportunities-investing-in-waste-disposal-management-in-vietnam.html/>

The highlight of the campaign was the session introducing the breeding black soldier fly larvae model, presented by club advisors. Breeding black soldier fly larvae involves raising these insects to consume organic waste, transforming it into high-quality protein and fat that can be used as fertilizer. This process not only helps manage waste efficiently but also produces sustainable resources, reducing the negative impact on the environment. The campaign achieved success beyond expectation. More than 60 households registered to participate in a trial breeding black soldier fly larvae and organic waste processing. Some local residents said that they considered investing in the model when seeing organic waste from alcohol production become an ideal food source for black soldier fly larvae.

The enthusiastic support and active participation of the local authorities and community fueled the success of the campaign. This conducive environment enabled students and club advisors to effectively reach out to the community, facilitating interactive sessions on waste classification and sustainable practices at local cultural centers and individual households. This campaign not only yielded positive results, but also opened up opportunities for a more sustainable living environment for current and future generations in Viet Nam.



Experts and local authorities visiting the community to provide guidance on waste management. Photo credit: VOHUN



OHSC members demonstrated how to breed black soldier fly larvae and manage organic waste. Photo: VOHUN.

One Health Champion VOHUN

"Leverage the training, education, and research capacities to build the skills, knowledge and attitude base for future health leaders."



Ms. Hanh Nguyen Le

Medical student and the President of VOHUN's One Health Student Club (OHSC) at Hanoi Medical University (HMU)

Ms. Hanh Nguyen Le is a medical student and the President of VOHUN's One Health Student Club (OHSC) at Hanoi Medical University (HMU). She significantly contributed to the community through her dedication to public health. She conducted two health promotion programs addressing critical issues, such as pig-to-human parasitic transmission and the dangers of electronic cigarette smoking among teenagers in Viet Nam. These initiatives not only provided valuable scientific insights but also fostered a multidisciplinary approach to health prevention and early diagnosis, engaging over 160 students from both university One Health clubs and local high schools in Hanoi.

Ms. Nguyen's ability to mobilize and inspire propelled the HMU OHSC to one of the university's most prominent clubs, showcasing her as a leader who excels academically and makes a tangible difference in her community. Her efforts have heightened awareness about One Health issues and exemplified the powerful role of youth leadership in health advocacy. As she continues her journey to complete her MD degree, Ms. Nguyen's contributions emphasize the importance of informed, passionate leadership in addressing One Health challenges in Viet Nam.