

ONE HEALTH FOR ALL

INDOHUN
ORGANIZATION PROFILE



IMPROVING THE HEALTH OF ALL

Established in 2012, we focus on fostering One Health collaboration in Indonesia. We recognize that the health of people is highly connected to the health of animals and the environment. No one can achieve better public health outcomes alone.

75%
of emerging infectious diseases in humans (including Ebola, HIV, and influenza) have an animal origin

The Indonesia One Health University Network (formally known as INDOHUN) was established in January 2012 as a platform where leading academicians, stakeholders, scientists, communities and professionals in Indonesia could transcend provincial and national borders to work together in achieving the best health for everyone.

Animals and humans share the same ecosystem. It is not a surprise that we too share many similar diseases and pathogens, which can infect our body and cause illness. The fact that some diseases can be easily transmitted from animals to humans or vice versa is the reason why it is not possible to control

disease transmission by targeting a single sector only. For example, drug-resistant microbes can be passed on from animals to humans through direct and indirect contact, so inappropriate use of antibiotics in farming and fisheries must also be addressed to tackle the problem of multi-drug resistant infections in humans.

With the rapid growth of human population, increasing global temperature, changes of land use, and the increase of international travel and trade, our world is now facing a challenge like never before. All those changes play a key role in the increase of disease transmissions from animals

to humans, and from one person to another across the globe. A disease anywhere can quickly become a disease everywhere.

Complex problems, such as the emerging pandemic threats, cannot be solved alone. But when the diseases know no boundaries, we are still fragmented and work in silos. To face future global health challenges, we need to understand that humans, environment, and animals are interconnected. We must work across sectors, join efforts, and establish multi-disciplinary collaborations among physicians, veterinarians, ecologists and other professionals. That is, in essence, what we call the One Health approach.

OUR MISSION

INDOHUN is a network of Indonesian higher education institutions that aims to promote multi-disciplinary collaboration in human, animal and environmental health sectors in Indonesia.

We do it by building institutional and individual capacity, advocating for collaboration-supportive policies, conducting research and community outreach, and creating a platform for academicians, stakeholders, scientist, communities and professionals to work together in addressing regional and global issues concerning One Health.

24%
of all human disease is caused by environmental factors




LESS **ME**

MORE **WE**

FOR

ONE HEALTH COLLABORATION



We believe that we can accomplish more amazing things by doing the work in collaboration, rather than by oneself.

By building human's collaboration capacity, we will achieve a future where global health challenges can be solved together.

LESS **ME**

MORE **WE**

The 'Less Me More We' defines the values of teamwork that applied in INDOHUN. It's a straightforward, aspirational call to action that inspires how we interact with everyone. We are constantly reminded of kindness—how not to be narcissistic.

WHAT

WE DO

To have a better understanding to what we had and will do, we point out five main areas: Multi-Sectoral Partnership, Institutional Strengthening, Education & Training, Research, and Community Outreach.

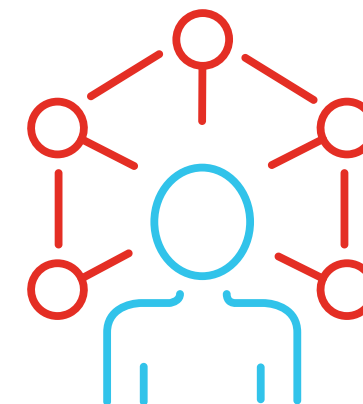
1 EDUCATION & TRAINING



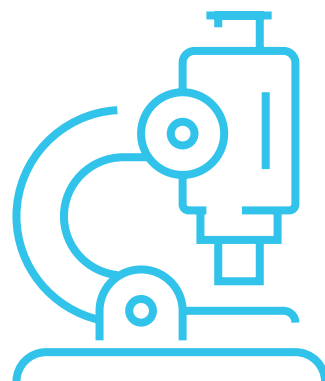
2 INSTITUTIONAL STRENGTHENING



3 MULTI-SECTORAL PARTNERSHIP



4 RESEARCH



5 COMMUNITY OUTREACH



EDUCATION & TRAINING

We develop curricula, conduct trainings, workshops, conferences, and symposium for a better understanding of One Health. We create online learning, fieldwork training and leadership training such as Global Health True Leaders for students and professionals as well as Global Health Diplomacy for future policymakers.

1

Infectious Disease Management Training

The training is targeting the current one health workforce, particularly those who work for government institutions in human and animal health sectors, to collaboratively prevent, detect, and respond to the outbreak.



GHTL

Global Health True Leaders (GHTL)

Has been being conducted since 2014, Global Health True Leaders has more than 500 alumni with collaborative leadership skill. It has reached more than students from 30 provinces in Indonesia to strengthen their capacity.



i-Learn

i-Learn is an online platform initiated by INDOHUN, where it serves a health education to society. These courses were generated by collaboration between university and institution to deliver the most comprehensive materials towards health. This online learning once made for addressing the needs of One Health workforce by serving the One Health modules.

GHD

Global Health Diplomacy

GHD training is an intensive training, combining theoretical learning and practice, aiming to prepare participants with diplomatic and policy making skills in negotiation, collaboration, and multi-level decision making processes. The program structure consists of a series of lectures, diplomatic practice class, and multi-stage negotiation simulation (MSNS).



Annual Conference

#NusaBersama & Nusa Fun Run

INDOHUN Annual Conference is a place for young leaders to share knowledge & commitment, crowdfunding, and gather not only practitioners and health experts but also policy makers, economic actors, politicians, law and other sectors related. It highlights the game-changers and influential people that have collaborated through innovation, in fields such as health, humanity, and ecosystem.



INSTITUTIONAL

We conduct capacity building for our university members to improve the quality of One Health education and training. At the local level, we establish One Health Collaborating Center (OHCC), a university-based center for One Health collaboration. Until 2017, three collaborating centers have been established in Gadjah Mada University, Udayana University and Airlangga University.

2

STRENGTHENING

OUR OHCC



UNIVERSITAS GADJAH MADA, YOGYAKARTA

Prof. Wayan Tunas Artama as the Coordinator of OHCC Universitas Gadjah Mada (UGM) has held seminars, trainings, workshops and research proposal developments in 2017. In its fourth year, OHCC UGM has been conducting some arrangements for research on tuberculosis modul development for wildlife summer course that will be held in 2018. They are currently developing an organization website to support their works.



UNIVERSITAS UDAYANA, BALI

OHCC Universitas Udayana (OHCC UDAYANA) is a unique center located in Bali Island, which focusing on the community empowerment program. Until 2018, OHCC UDAYANA has 2 big community empowerment program called Banjar One Health Community and Udayana One Health Student Club. Under the leadership of Dr. Ni Nyoman Sri Budayanti, OHCC UDAYANA also focuses on Anti-Microbial Resistance issue and they have conducted a campaign on Antibiotic Awareness.



UNIVERSITAS AIRLANGGA, SURABAYA

OHCC Universitas Airlangga (OHCC UNAIR) is located in East Java province and has a dedicated office in Institute of Tropical Disease in Universitas Airlangga. OHCC UNAIR was established in 2017 and under the leadership of Prof. Fedik Abdul Rantam, OHCC UNAIR focuses on stem cell issue. Until 2018, OHCC UNAIR has conducted one international conference on Veterinary Medicine, one One-Health Research Translation workshop, and has generated national and international funding with total more than USD 11.000 and € 19.000.



UNIVERSITAS SYIAH KUALA, ACEH

OHCC Universitas Syiah Kuala (OHCC UNSYIAH) is located on the western tip of Indonesia, precisely in Faculty of Veterinary Medicine of Universitas Syiah Kuala in Nangroe Aceh Darussalam province. OHCC UNSYIAH was established in 2018 and under the leadership of Dr. Teuku Reza Ferasyi, OHCC UNSYIAH has successfully generated more than USD 4.000 from USAID-Prestasi Indonesia to conduct a training of trainer on OH SMART and mini general lecture.



UNIVERSITAS CENDRAWASIH, PAPUA

OHCC Universitas Cendrawasih (OHCC UNCEN) is located on the eastern tip of Indonesia, precisely in Faculty of Public Health of Universitas Cendrawasih in Papua province. OHCC UNCEN was just established in 2018 under the Rector Decree. This center is led by Dr. Inriyati Assa, a vice dean of Faculty of Public Health, Universitas Cendrawasih. Currently, OHCC UNCEN is developing its workplan and roadmap which concerning on community empowerment for rural area in Papua.



One Health Collaboration Centers

One Health Collaboration Centers (OHCC) are university-based centers established in selected INDOHUN university members to promote One Health collaboration at the local and regional level. The centers were established to institutionalize INDOHUN activities in its member universities, ensure sustainability, and put One Health approach into action by engaging local government, community and stakeholders.

MULTI-SECTORAL PARTNERSHIP

We engage stakeholders and strengthen policies for One Health collaboration and workforce development. In 2016, we started to develop One Health Laboratory Network (OHLN) to strengthen coordination across human, animal and environmental health sectors in emerging infectious disease detection as well as biosecurity and biosafety improvement.

3



OHLN

One Health Laboratory Network

With the support of Biosecurity Engagement Program (BEP), INDOHUN is working with Tufts University to help establish and strengthening OHLN diagnostic and surveillance capabilities, linking university and government laboratories. It will support Government of Indonesia (GOI) and relevant authorities in the establishment of nationwide surveillance and control strategies, and to shared resources.

RESEARCH

We conduct and facilitate research on One Health issues. In addressing priorities towards Emerging Infectious Diseases in Asia, a research network called APEIR has been developed, composed of 120 researchers from 51 universities, institutes, and government bodies across Asia. We also conduct a research in three provinces in Indonesia, namely Riau, East Kalimantan and West Papua to measure the economic and health impacts associated with the changes of land use in Indonesia.

4



APEIR

The Asia Partnership on Emerging Infectious Disease Research (APEIR) is a research network of researchers from universities, institutes, and government bodies across Asia that working collaboratively to address priority Emerging Infectious Diseases in the region.



DEAL

Disease Emergence and Economic Evaluation of Altered Landscapes (DEAL)

The project is an initial attempt to understand the impact of land use with a focus on biodiversity and document the possible health effects of land use on the health of Indonesians.

COMMUNITY OUTREACH

We help communities in solving their problems by using One Health approach. OHCC at Udayana University designed a creative and engaging health promotion medium to deliver messages about rabies in a way that was easily understood by the general public. A traditional dance, known as Janger Dance, was modified to educate the community on how to prevent and respond to rabies cases.

5



Janger (Jangan Rabies) Dance
Say No To Rabies Dance



Health Check-Up
Citarum River

OUR

ACHIEVEMENTS

FEETP

Developing curriculum of Field Epidemiology Education & Training Program (FEETP) and policy brief for its implementation



26

trainings and workshops conducted

875

faculty members trained



30

moduls and videos for online learning developed

30

videos of One Health online learning available in Bahasa Indonesia



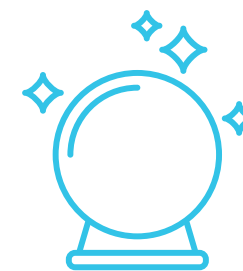
15

modules of One Health online learning developed



5

One Health collaborating centers established in Bali, Yogya, Surabaya, Aceh, and Papua



US\$

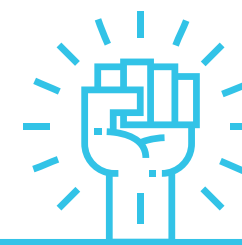
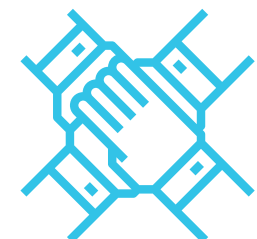
50,000

awarded to 5 researches

US\$

60,000+

granted to 60+ lecturers for training, research, and community outreach



OUR MEMBERS



UNIVERSITAS SYIAH KUALA FACULTY OF VETERINARY MEDICINE • **UNIVERSITAS SUMATERA UTARA** FACULTY OF PUBLIC HEALTH • **UNIVERSITAS ANDALAS** FACULTY OF MEDICINE • **UNIVERSITAS SRIWIJAYA** FACULTY OF MEDICINE | FACULTY OF PUBLIC HEALTH • **UNIVERSITAS INDONESIA** FACULTY OF MEDICINE | FACULTY OF NURSING | FACULTY OF PUBLIC HEALTH • **UNIVERSITAS MUHAMMADIYAH HAMKA** FACULTY OF PUBLIC HEALTH • **INSTITUT PERTANIAN BOGOR** FACULTY OF VETERINARY MEDICINE • **UNIVERSITAS PADJADJARAN** FACULTY OF MEDICINE • **UNIVERSITAS DIPONEGORO** FACULTY OF PUBLIC HEALTH • **UNIVERSITAS GADJAH MADA** FACULTY OF MEDICINE | FACULTY OF VETERINARY MEDICINE • **UNIVERSITAS AIRLANGGA** FACULTY OF MEDICINE | FACULTY OF PUBLIC HEALTH | FACULTY OF VETERINARY MEDICINE • **UNIVERSITAS BRAWIJAYA** FACULTY OF MEDICINE | FACULTY OF VETERINARY MEDICINE • **UNIVERSITAS MULAWARMAN** FACULTY OF MEDICINE | FACULTY OF PUBLIC HEALTH • **UNIVERSITAS UDAYANA** FACULTY OF MEDICINE | FACULTY OF VETERINARY MEDICINE • **UNIVERSITAS MATARAM** FACULTY OF MEDICINE • **UNIVERSITAS NUSA TENGGARA BARAT** FACULTY OF VETERINARY MEDICINE • **UNIVERSITAS NUSA CENDANA** FACULTY OF MEDICINE | FACULTY OF VETERINARY MEDICINE | FACULTY OF PUBLIC HEALTH • **UNIVERSITAS HASANUDDIN** FACULTY OF MEDICINE | DEPARTMENT OF VETERINARY MEDICINE | FACULTY OF PUBLIC HEALTH • **UNIVERSITAS SAM RATULANGI** FACULTY OF MEDICINE | FACULTY OF PUBLIC HEALTH • **UNIVERSITAS CENDRAWASIH** FACULTY OF PUBLIC HEALTH

OUR MEMBERS



**UNIVERSITAS SYIAH KUALA,
BANDA ACEH**



**UNIVERSITAS SUMATERA
UTARA, MEDAN**



**UNIVERSITAS ANDALAS,
PADANG**



**UNIVERSITAS SRIWIJAYA,
PALEMBANG**



**UNIVERSITAS INDONESIA,
DEPOK**



**UNIVERSITAS MUH. HAMKA,
JAKARTA**



**INSTITUT PERTANIAN
BOGOR, BOGOR**



**UNIVERSITAS
PADJADJARAN, BANDUNG**

OUR MEMBERS



**UNIVERSITAS DIPONEGORO,
SEMARANG**



**UNIVERSITAS GADJAH MADA,
YOGYAKARTA**



**UNIVERSITAS AIRLANGGA,
SURABAYA**



**UNIVERSITAS BRAWIJAYA,
MALANG**



**UNIVERSITAS MULAWARMAN,
BALIKPAPAN**



**UNIVERSITAS UDAYANA,
BADUNG**



**UNIVERSITAS MATARAM,
MATARAM**



**UNIVERSITAS NUSA TENGGARA
BARAT, MATARAM**

OUR MEMBERS



**UNIVERSITAS NUSA CENDANA,
KUPANG**



**UNIVERSITAS HASANUDDIN,
MAKASSAR**



**UNIVERSITAS SAM RATULANGI,
MANADO**



**UNIVERSITAS CENDRAWASIH,
JAYAPURA**

OUR

PARTNERS





Kampus Baru Universitas Indonesia

Faculty of Public Health

G Building, 3rd Floor, Room G316

Universitas Indonesia

Depok, West Java, Indonesia

+62 2129302084

 @indohun.id

 @indohun

 indohun.id

 INDOHUN

 www.indohun.org

 nco@indohun.org