

In partnership with



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# Outline of Presentation

- **Rationale**
- **Background of the project**
- **Methods**
- **Conclusions**



# The Philippines is a Biodiversity Hotspot

- Has the greatest concentration of unique species per unit of area in the world with 33% of its plants, 75% of its amphibians, 70% of its reptiles, and 44% found only in the archipelago

- It is also facing substantial losses in wildlife due to habitat loss and unsustainable harvesting of wildlife



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## The Philippines is a center for the global wildlife trade



Photo by Roger Dolorosa via pangolinsg.org

- Due to its location and the diversity of its wildlife, the Philippines has become a major hub for the global wildlife trade.
- The most illegally traded taxa, as reported by the Philippines DENR, are reptiles and birds, with 7 out of 8 species belonging to this taxa (the 8th being the Palawan pangolin *Manis culionensis*).
- 54% of the wild animals being traded have been identified as zoonotic carriers of pathogens.



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## There is a lack of focus on One Health in the Philippines



Photo by Wander Fleur via Unsplash

- While webinars and short courses have emerged during the pandemic, at present, there are no full graduate level courses on One Health offered in educational institutions in the country.
- Apart from the relatively new PHILOHUN, there are no dedicated professional societies for One Health, though specialty societies are beginning to promote it.



# Next Generation One Health Philippines (NGOHP)

- **Objective:**

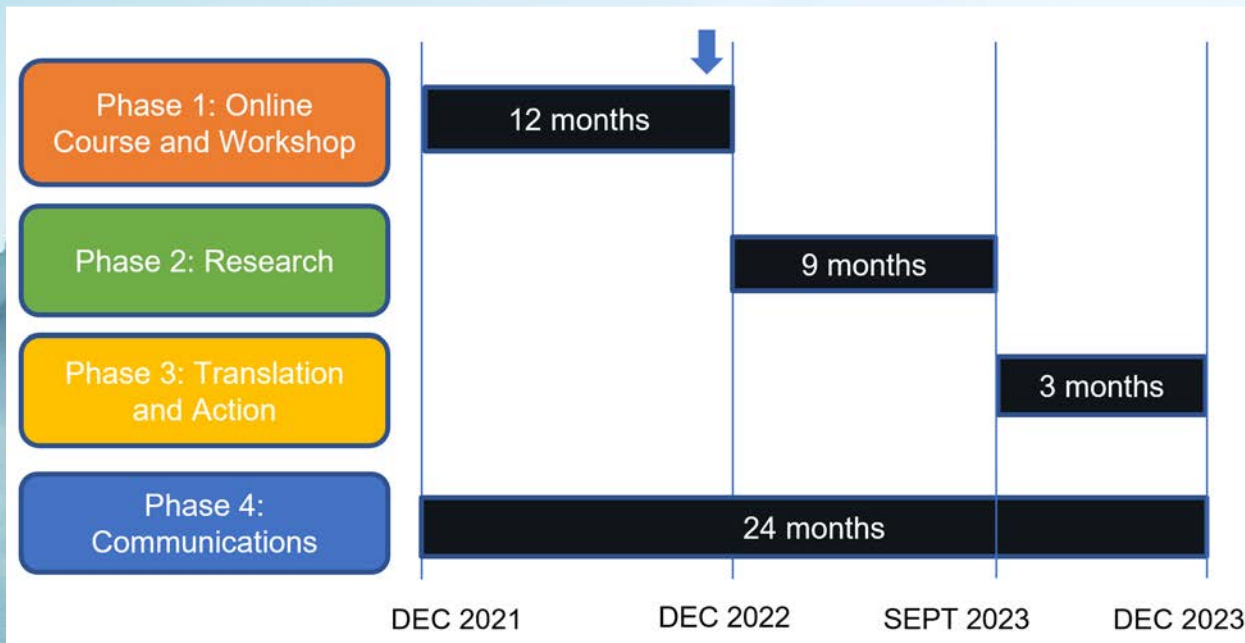
- To enhance the domestic capacity of the Philippines for One Health transdisciplinary research and knowledge translation to effectively tackle wildlife trade and biodiversity loss as drivers of infectious disease emergence, with the purpose of preventing future zoonotic spillovers in the next 50 years.

- **Focus:**

- To train a small group of professionals in the application of the One Health approach, especially in addressing issues surrounding wildlife trade and consumption in relation to emerging infectious diseases.
- The Philippine context is central to the discussions in the program, highlighting the interconnectedness of biodiversity and health.



## Phases





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# ONLINE COURSE MODULES (Asynchronous)

Oct. 17 - Nov. 25, 2022

## MODULE 1:

**Fundamentals of  
One Health**

## MODULE 2:

**Wildlife, Emerging  
Diseases, and One  
Health**

## MODULE 3:

**One Health  
Research and  
Action**

## MODULE 4:

**Social Science and  
Humanities  
Perspectives for  
One Health**

## MODULE 5:

**One Health  
Governance, Policy,  
and Economics**

## MODULE 6:

**Leadership for One  
Health**




☰
Next Generation One Health Philippines

Modules
News
Calendar

### Modules

Modules and their sections must be completed in order.

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**Course Overview and Introduction**

Welcome, fellows!

Oct 17

This module will present the foundations of the One Health approach, its history and importance, and how it can be applied to tackling different health threats at the human-animal-environment interface.

2 sections

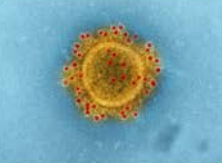


**Week 1: Fundamentals of One Health**

Oct 17

This module will present the foundations of the One Health approach, its history and importance, and how it can be applied to tackling different health threats at the human-animal-environment interface.

4 sections




**Week 2: Wildlife, Emerging Diseases, and One Health**

Oct 24

This module will focus on the implications of wildlife trade and biodiversity loss specifically on infectious disease emergence and the different upstream strategies to prevent and manage zoonotic spillover events.

5 sections




**Week 3: One Health Research and Action**

Oct 31

This module will provide key principles and pointers for designing and implementing transdisciplinary research and translating One Health knowledge into action.

5 sections




**Week 4: Social Science and Humanities Perspectives for...**

Nov 7

This module will demonstrate how the social sciences and the humanities can enrich understanding of One Health challenges and enhance One Health solutions through deep consideration of the social, cultural, political, behavioral, and ethical aspects of issues at the human-animal-environment interface.

9 sections




**Week 5: One Health Governance, Policy, and...**

Nov 14

This module will explore the governance and economic challenges in implementing the One Health approach, including relevant institutions as well as legal and policy frameworks at local, national, and global levels.

4 sections




**Week 6: Leadership for One Health**

Nov 21

This module will introduce core competencies that are required for One Health scientists and practitioners to enable cross-sectoral collaboration and effect real-world and lasting change, including principles in leadership, management, communication, diplomacy, and advocacy.

5 sections



**Course Evaluation**

A description of the lesson goes here.

1 section



- ⚙️ Admin
- 🏠 Start
- 📁 Assessments
- 📖 Gradebook
- 📊 Mastery
- 📚 Resources
- 👤 Students
- 👩 Teachers
- 🗣 Forums
- ⚙️ Automation
- My Courses**
  - 📖 Next Generation
  - 🌱 Climate-Smart He...
  - 📄 Online Turnitin Co...
  - 📖 SIEPuP Neo LMS ...
- Shortcuts**
  - 🔗 Student Resourc...
  - 🔗 Helpdesk Suppo...





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# Face-to-face workshop

## Jan. 12-15, 2023

### THEMES:

**Teamwork**

**Leadership**

**Communications  
and Advocacy**

**Transdisciplinary  
Research**



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# The Next Generation One Health Philippines Cohort

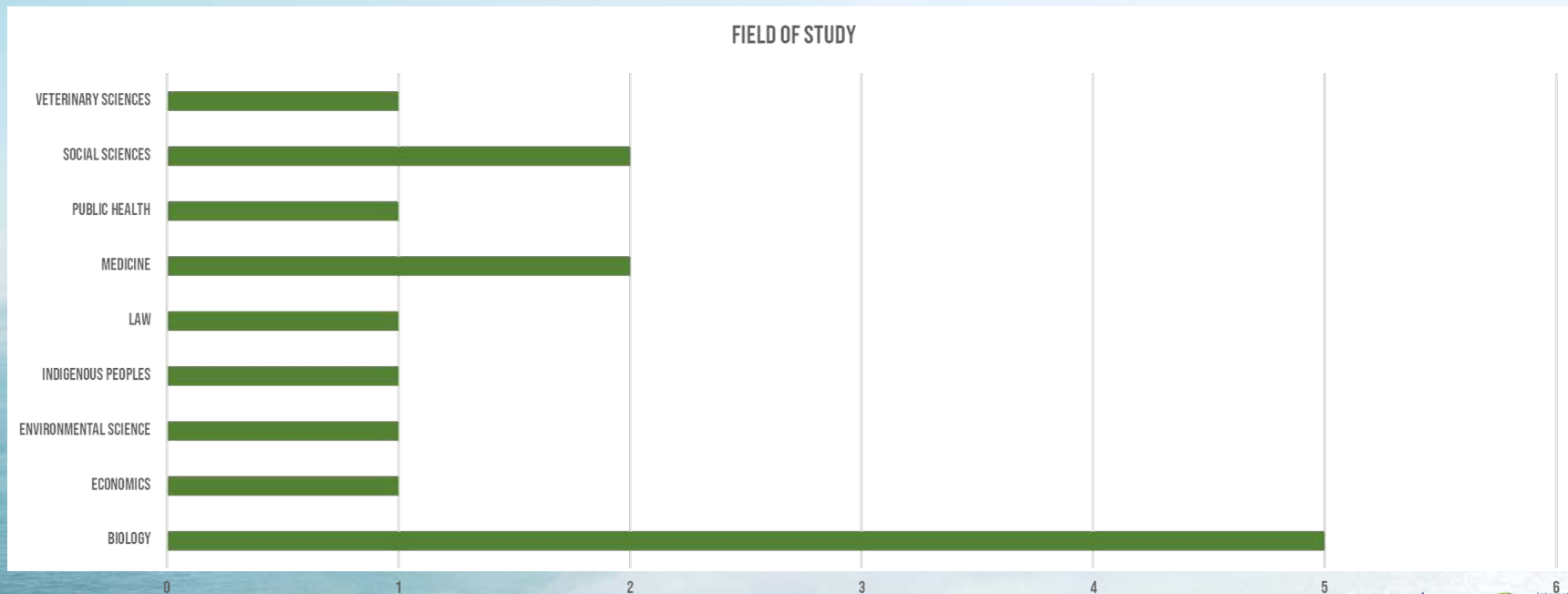
**MEET OUR ONE HEALTH PH FELLOWS**

 JACKIE ABELA	 MADEILNE ALORIA	 EMS ANGELES	 JAY MARK BALBOSA	 AL JOHN CABANAS
 JAMAICA CARAS	 JOSE DE LUNA	 VON DELA TORRE	 JABEZ FLORES	 CARAH LO
 CARLO LUMANGAYA	 MACY MANALO	 JAYVEE MOLTIO	 RYAN PASCUAL	 LAILAH SANGID

- Fifteen emerging professionals between the ages of 24–37 years old
- 6 women, 9 men (1 member of Indigenous community)
- Geographic representation across all 3 major Philippine islands (Luzon, Visayas, and Mindanao)
- Majority have graduate degrees or are working towards graduate degrees
- From diverse professional backgrounds to ensure interdisciplinary collaboration



# Professional Backgrounds





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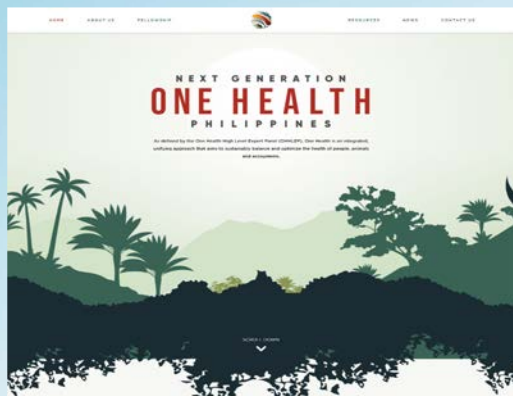
# Communications and Advocacy



Next Generation One Health Philippines Facebook Page

- Social media page
- Website
- Posters
- Videos

## Website



## Press releases



## Posters



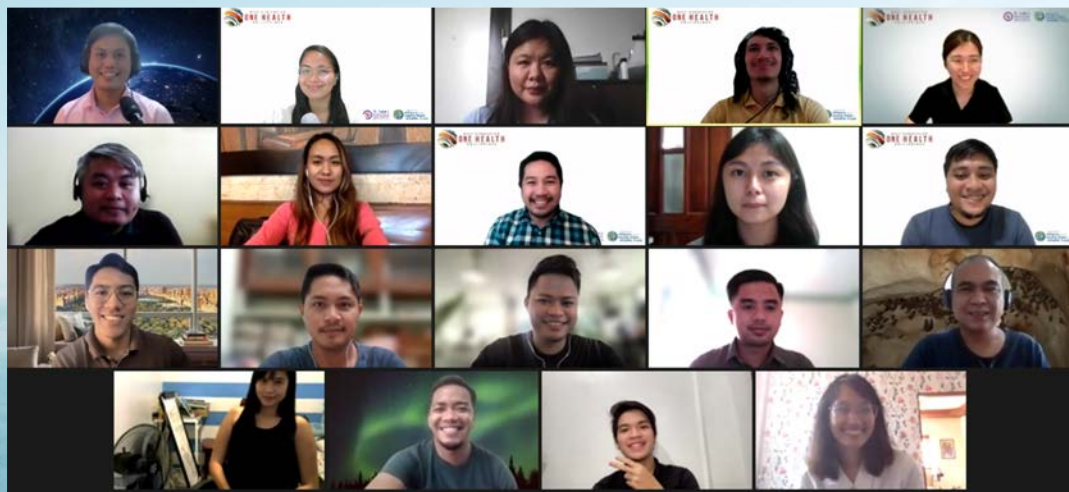
## Videos





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## Next steps



NGOHP Fellows' Orientation held last October 8, 2022

- **Post-online course evaluation**
- **Research team grouping activity**
  - **Three teams of 5 people each**
  - **Ensure interdisciplinary representation**
  - **Supported by small grants and mentors**
- **Face-to-face workshop (Jan 12-15, 2023)**
- **Research proper (2023)**
- **One Health Policy dialogues (end of 2023)**



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## Conclusion and Ways Forward

- **Prevention of future pandemics entails the creation of a new cadre of emerging scholar-practitioners who are equipped to apply the One Health approach to navigate complex transdisciplinary and cross-sectoral spaces.**
- **Sustained support from different sectors is critical to ensure the program's institutionalization and continuity in producing new One Health leaders.**
- **The knowledge products from the fellowship will also be made widely available to all learners in the country.**





**Thank you!**

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