



Federal Ministry
for Economic Cooperation
and Development

Kenya
One Health
Online Conference
December 6-8

Welcome to the Kenya One Health Conference

7th December 2021

Bernard Bett & Lian Thomas

ILRI
INTERNATIONAL
LIVESTOCK RESEARCH
INSTITUTE

CGIAR



Reflective session and reactions on Menti

Dr Nicholas Bor



Federal Ministry
for Economic Cooperation
and Development

Kenya
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December 6-8

Introduction of Gender and One Health session

Prof Salome Bukachi



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An urgent discussion on Gender consideration and gaps in One Health research, policy and practice

Prof Hellen Amuguni- Tufts University

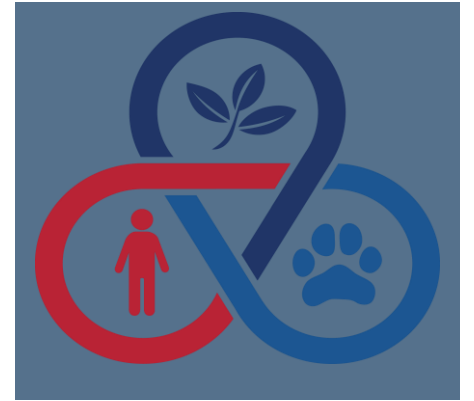


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An urgent discussion on Gender Consideration and Gaps in One Health Research, Policy, and Practice



Tufts
UNIVERSITY

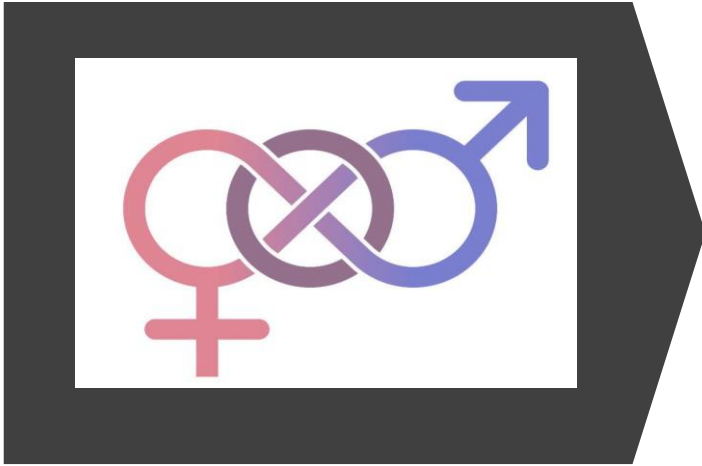
Hellen Amuguni
Kenya One Health Conference
December 7th, 2021

Presentation Plan

Why do we need to have this discussion on gender?

Where are we currently?

What are some gaps and strategies for Integration of Gender into One Health?



Gender is not about women alone, but about the relationship between men and women. Sometimes we use the words gender and women interchangeably because we add special programs for women to compensate for historical and current disadvantage compared to men. But if the men are not also involved, it is not doing gender.

Sex

assigned at birth, refers to
one's biological status

Gender

socially constructed roles, behaviors,
activities, and attributes that a given
society considers appropriate

Source: APA



MenEngage

boys and men for gender equality

Engender Health : Men Engage 2021

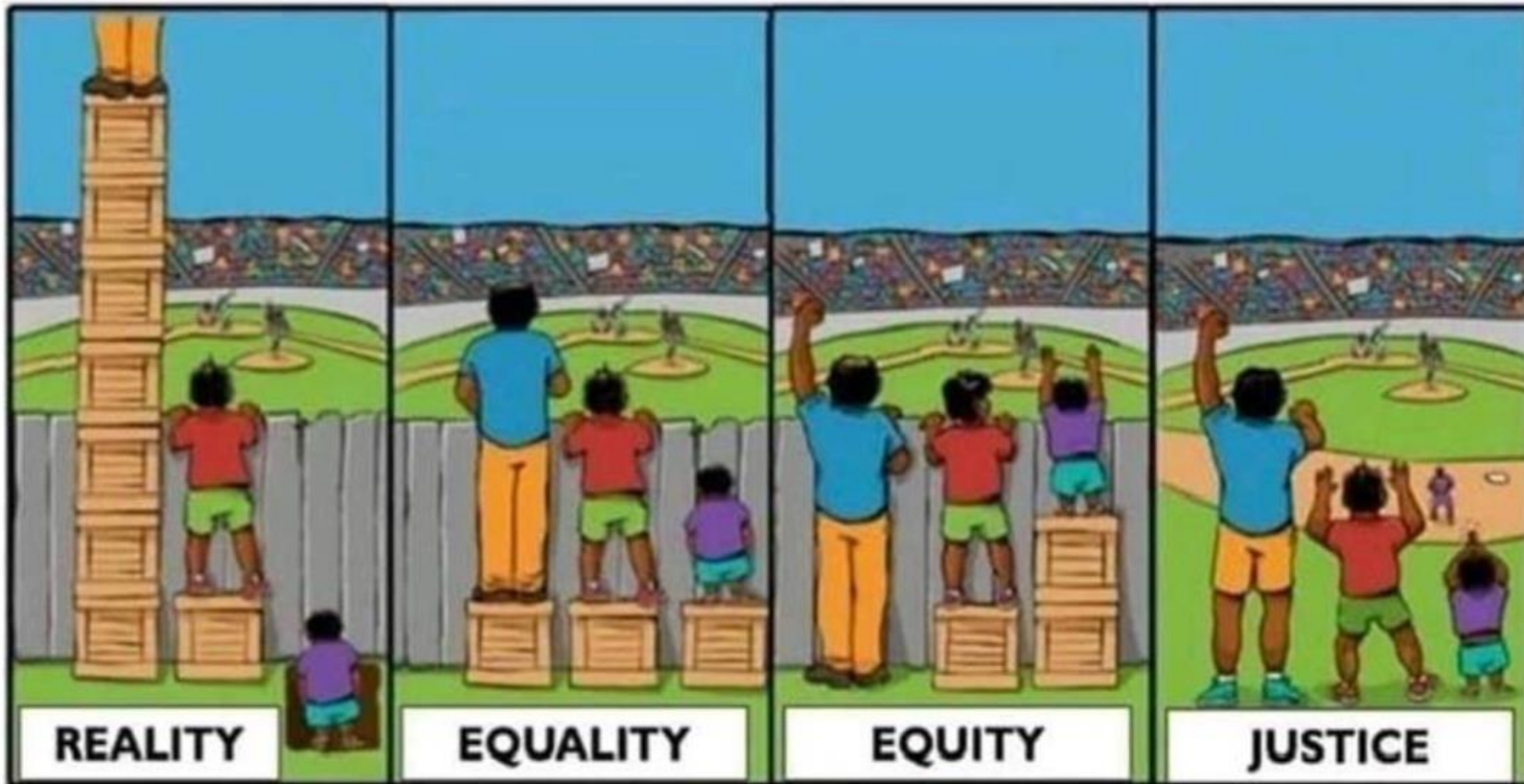
Gender Equality and Equity



Equality is giving everyone
a shoe

Equity is giving everyone
a shoe that fits

www.everyday-democracy.org



One gets **more than** is needed, while the other gets **less than** is needed. Thus, a huge disparity is created.

The assumption is that **everyone benefits from the same supports**. This is considered to be equal treatment.

Everyone gets the support they need, which produces equity.

All 3 can see the game without supports or accommodations because **the cause(s) of the inequity was addressed**. The systemic barrier has been removed.



What is empowerment?

- Increasing the capacity of individuals and groups to make informed, intentional choices and
- transforming those choices into desired actions and outcomes.

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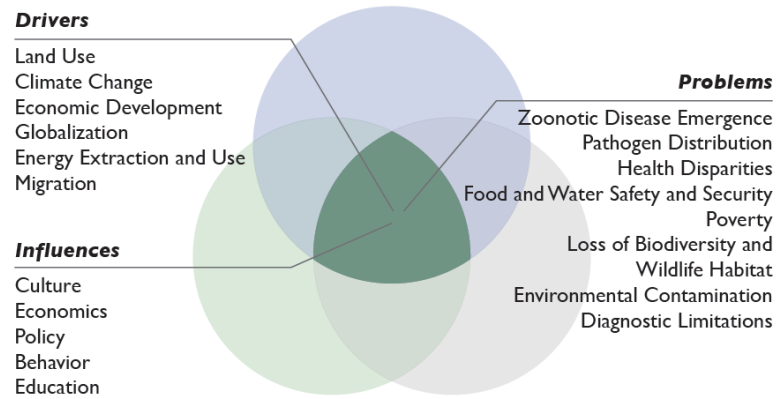
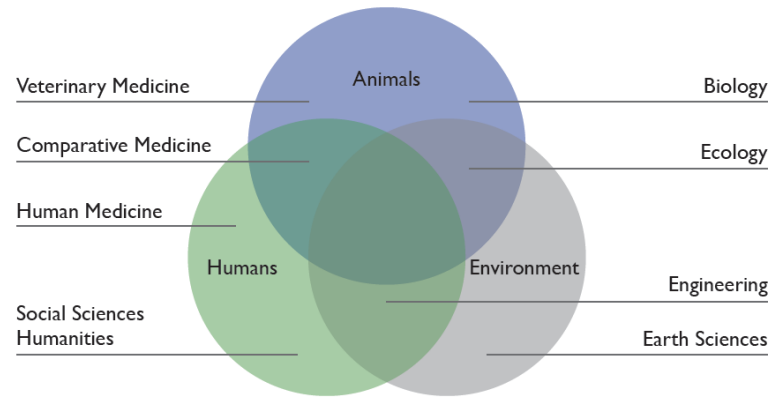
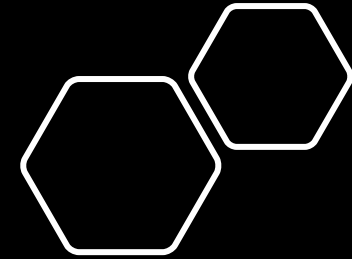
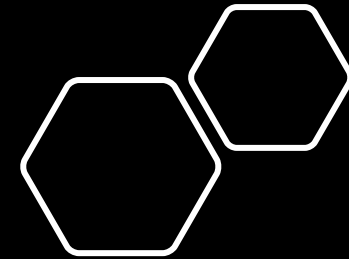
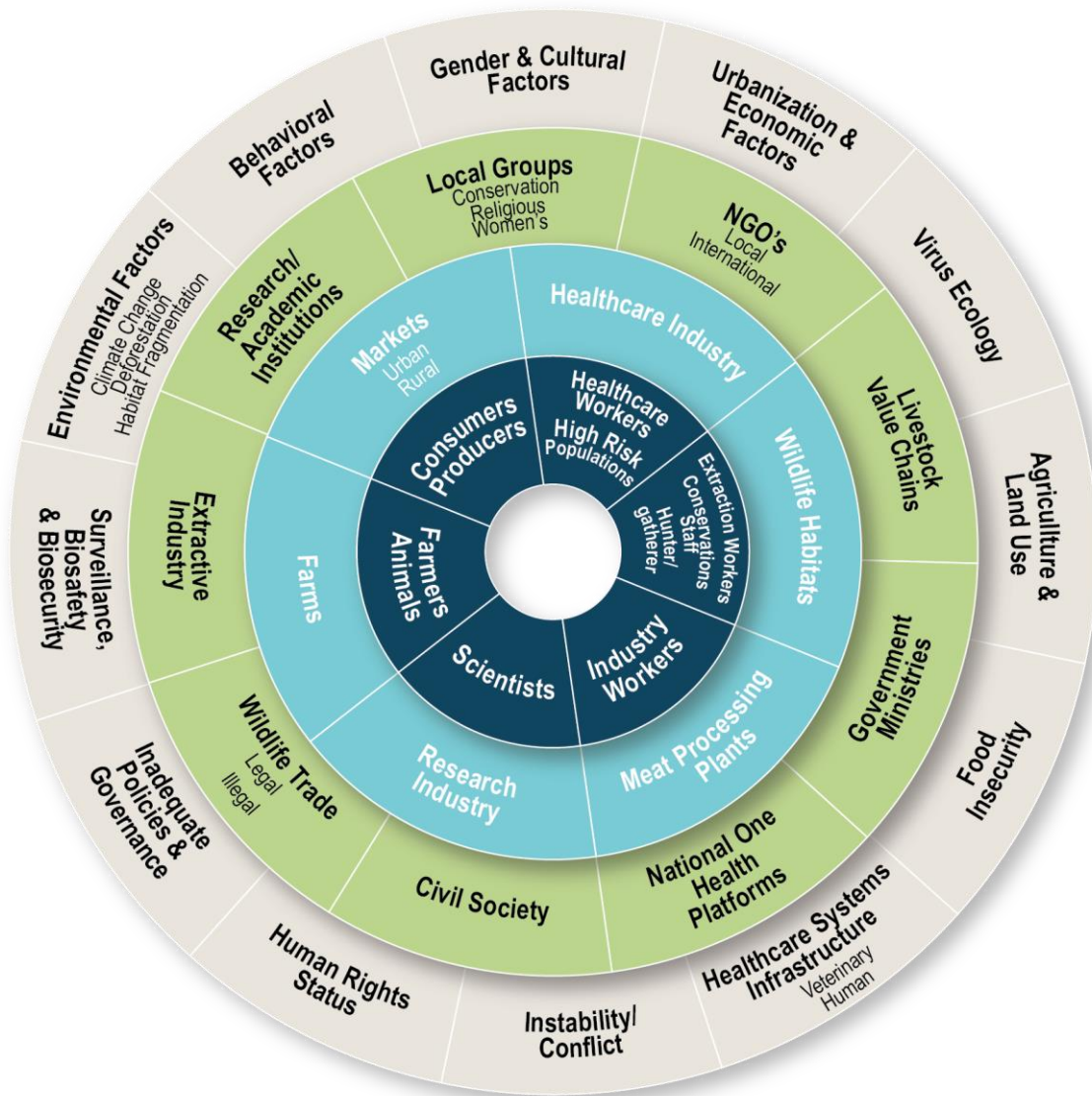


Figure 1. The One Health concept recognizes the interrelationship between animal, human, and environmental health (top) and promotes interdisciplinary collaborations to solve complex health problems (bottom). Adapted from Mazet et al. *In press*.





ONE HEALTH GOALS



Target your audience: Anthrax infections/echinococcosis

- Anthrax infections are associated with tanning which is very strongly gendered in most cultures: could either be male or female



The echinococcosis eradication campaign in Morocco targeted existing women's groups for training in safe offal disposal because they were the ones who actually handled it, and were most concerned about their children contracting the disease. This was considered extremely innovative because most VPH messages were disseminated through all male producer groups or male veterinarians or extension agents.

(Robinson 2003; Kachani 2011).

We are talking about gender because?

- Challenge presented by the One Health complex issues: emergence of new epidemic-prone infectious diseases, Antimicrobial resistance, food insecurity
- Recognition that different genders- are differently affected by and vulnerable to risks due to distinct biological, economic, social, and political realities, and that consequences differ for different genders
- Important for creating effective, equitable policies and interventions-We do not want to perpetuate gender inequities
- Increase numbers of One Health practitioners in research policy and practice with gender analysis competencies.
- to increase community participation in implementation of One health activities and advocacy
- Understand gender based behavioral risk, and gender varied ability to respond to risks
- Intersectionality-Increase understanding that gender intersects with other
- Experience from past outbreaks shows the significance of integrating a gender analysis lens into preparedness and response efforts

Gender as a One Health Core competency

As One Health
practitioners, at
the end.....

- Are we more effective by being aware of gender dynamics, and applying gender sensitive and gender transformative approaches in One Health research, policy and practice
- Objectives:
 - Will we be able to recognize gender gaps and identify resources to address those gaps
 - Will be able to analyze how gender impacts and is impacted by One Health threats?
 - Become transformative agents by promoting gender equality and equity in all aspects of our work.



Where are we
currently?

Massive push to integrate gender into research, policy and practice

- Many funding organizations require sex and gender to be integrated into both research and intervention proposals: USAID, IDRC , WHO, The European Commission Directorate-General for Research and Innovation, Canadian Institutes of Health Research (CIHR), NIH
- European Association of Scientific Editors has formed a Gender Policy Committee to improve sex and gender reporting practices across all scientific fields
- Global call to action has been issued for gender to be included in the research impact assessment undertaken by research funders, institutions and evaluators in order to inform more equitable health policy and practice.
- Many tools are available to measure gender related changes in different projects
- The One Health world is very well placed to build on other systems already in place

What are the gendered risks, impacts and consequences

- COVID-19 pandemic-livelihoods, food security, unpaid care work
- Antimicrobial resistance-who administers antibiotics to either humans or animals- usually the care givers
- Rift Valley Fever
- Banning of plastics in Kenya
- Ebola outbreak in west Africa and communication

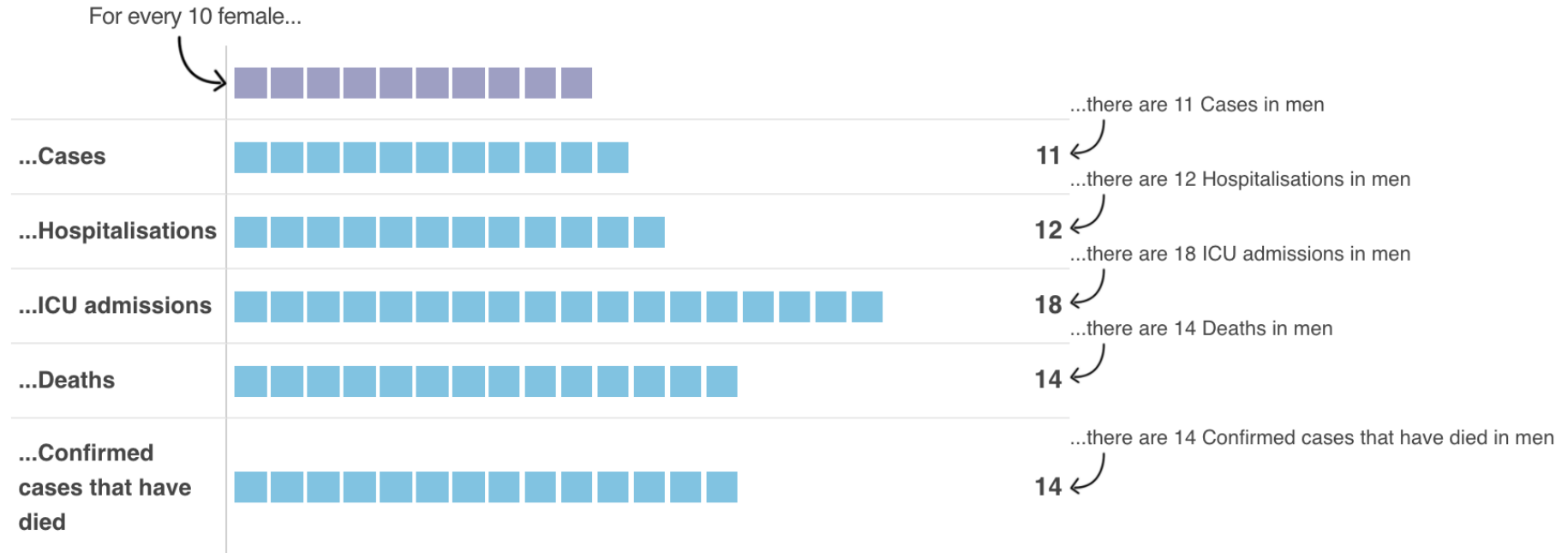


Avian influenza

- Small poultry farms run by women were excluded from extension
- Excluded from compensation
- Risk of exposure was very high
- Little or no biosecurity
- If there is no compensation, people sell their birds



At the global level, what does the data show?



Susceptibility to COVID-19



Women on average spend

4.1 hours/day

on unpaid care and
domestic work, compared to

1.7 hours/day

for men

- SHE-cession
- Between August and September, **865,000** women dropped out of the labor force, according to a [National Women's Law Center analysis](#) .
- In the same time period, just **216,000** men exited the workforce.
- Meanwhile, one in four women are considering reducing work hours, moving to part-time roles, taking leaves of absence from work, or stepping away from workforce all together
- Domestic violence, diverse genders, intersectionality e.g. race
- Last job nos released last Friday-140,000 people lost their jobs-100% women

Presentation Plan

Why do we need to have this discussion on gender?

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What are some gaps and strategies for Integration of Gender into One Health?



Increasing Gender Capacities of OH practitioners

- Build more gender champions- build capacity for gender analysis outside of gender experts
- Increase no of people who can effectively carry out gender analysis in research, advocate for gender policies, and practice
- Engage scientific ethics bodies, biosafety committees and national councils of scientific research approval bodies as allies-and train them in gender analysis
- Specific Gender indicators and assessment tools included in the M and E plans of all activities



AFROHUN creates first team of gender champions
Gender Training of Trainers held for AFROHUN reps from 8 countries

Integrate Gender training into other OH training modules

- AFROHUN One Health modules- has integrated gender into other One health modules- Infectious disease, leadership or risk analysis, Antimicrobial resistance- besides building a standalone gender training module

2019 | Facilitator Guide

GENDER, ONE HEALTH AND
INFECTIOUS DISEASE TRAINING GUIDE



Ensuring
Gender
Sensitivity in
Advocacy



Case Study 3



Gender based vulnerabilities, risks and opportunities in Laos

(Taken from European Union Commission report: study on the gender aspects of the Avian Influenza crisis in South East Asia, June 2008)

http://ec.europa.eu/world/avian_influenza/docs/gender_study_0608_en.pdf



Gender Action Plan

Equity
Empowerment

Development of Gender Strategy and Policy-Roadmap

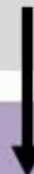
- Must recognize the gender capacities of different partners
- Gender strategy with specific Gender Action Plan
- Accountability framework
- Specific Gender indicators and assessment tools included in the M and E plans of all activities
- Disaggregating data collected by sex
- Scale up best practices of mixed-methods approaches that incorporate more qualitative and participatory techniques
- Create and track a clear funding stream as well as any other resources to support gender mainstreaming and gender transformative action
- Take advantage of what you can piggyback on.

GENDER EQUALITY CONTINUUM TOOL

Ignores:

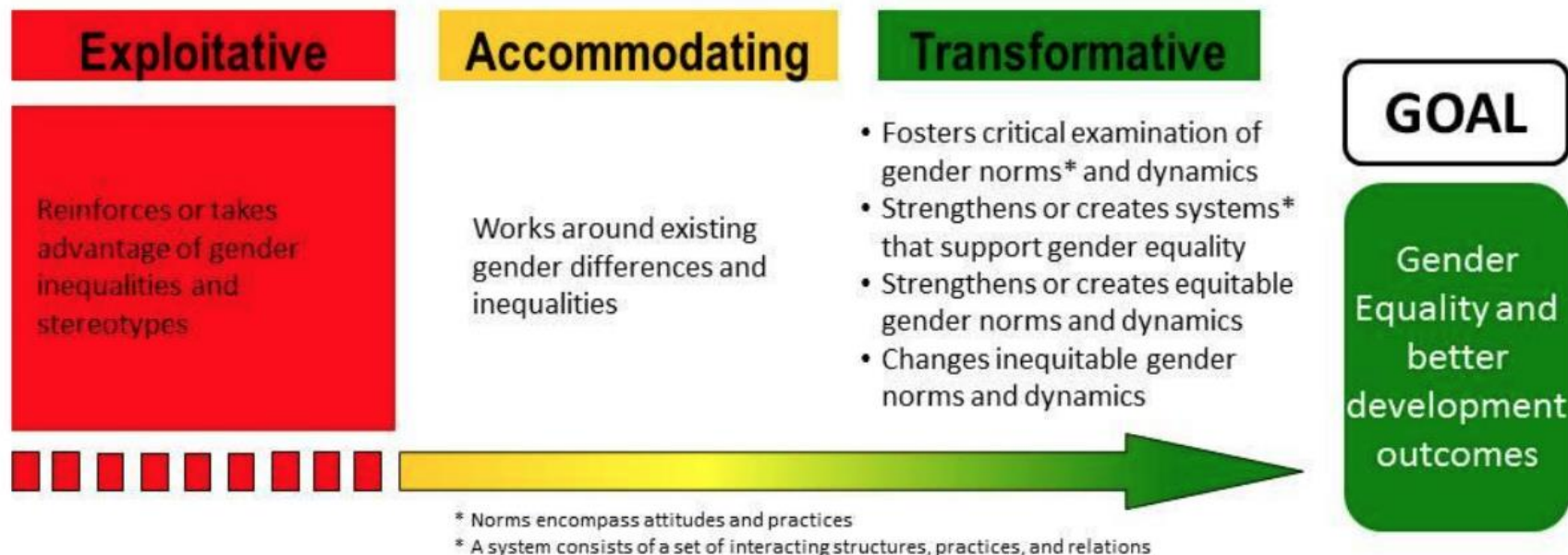
- the set of economic/social/political roles, rights, entitlements, responsibilities, obligations and associated with being female & male
- power dynamics between and among men & women, boys & girls

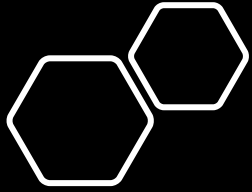
Gender Blind



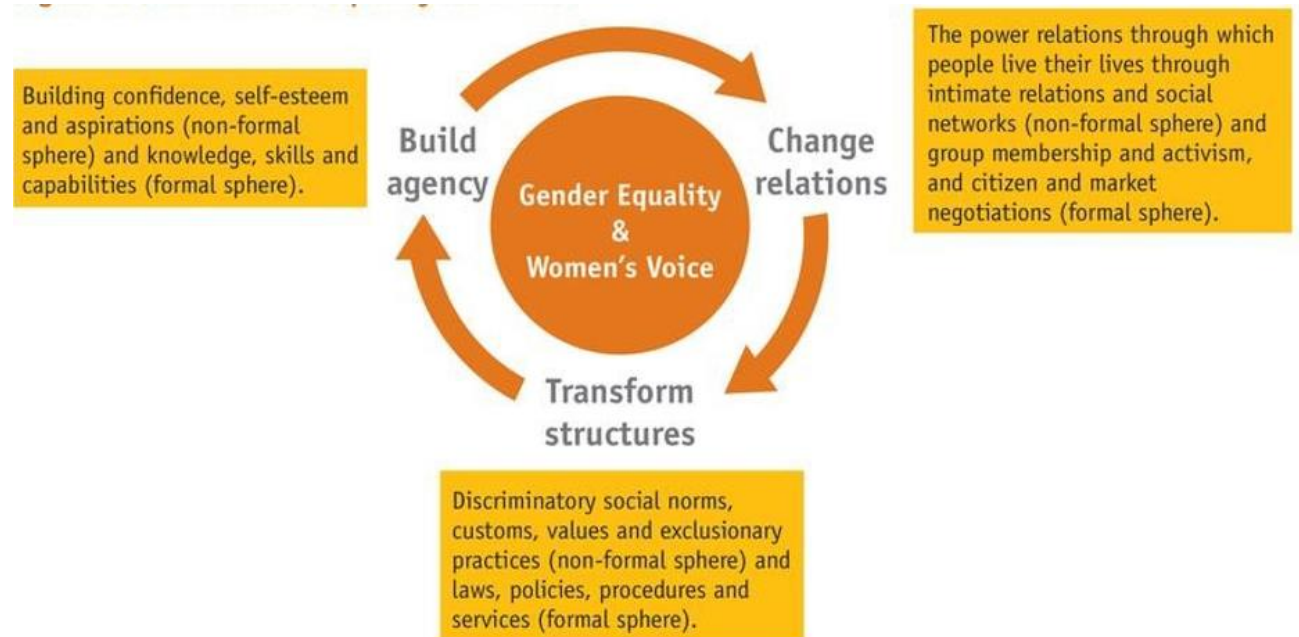
Gender Aware

- Examines and addresses these gender considerations and adopts an approach along the continuum





CARE International Social Analysis and Action tools





One Health team from Health, livestock agriculture, environment in Ethiopia being trained on how they can include and advocate for gender in their daily work in Ethiopia- changing systems and structures is gender transformative

- Build a coalition of allies within the research, policy and practitioner world- One Health key strategic partners who can advocate for Gender responsive and transformative policies
- Must understand drivers and incentives for your different allies and create a clear plan to address those.



- Training of District level planners on how to do gender budgeting in Rwanda

Sustainability and progress

- Embedding gender and cultural opportunities, and metrics into emergency preparedness, One Health platforms, rapid response teams, and other formalized structures for prevention, detection, and response would further enable the ability to measure progress.
- Help create women's networks that can influence policy, decision making, structures, and provide an opportunity for negotiation.



Because of cultural attitudes, discrimination and a lack of recognition for their role in food production, **women have limited to no benefits** from extension and training in animal health

Women are managing goats and chickens and **need to have adequate information and resources** to manage them better. Support other women to get resources for their goats and chicken.



Empowered voices- women are their own best advocates

AUGUST 2022

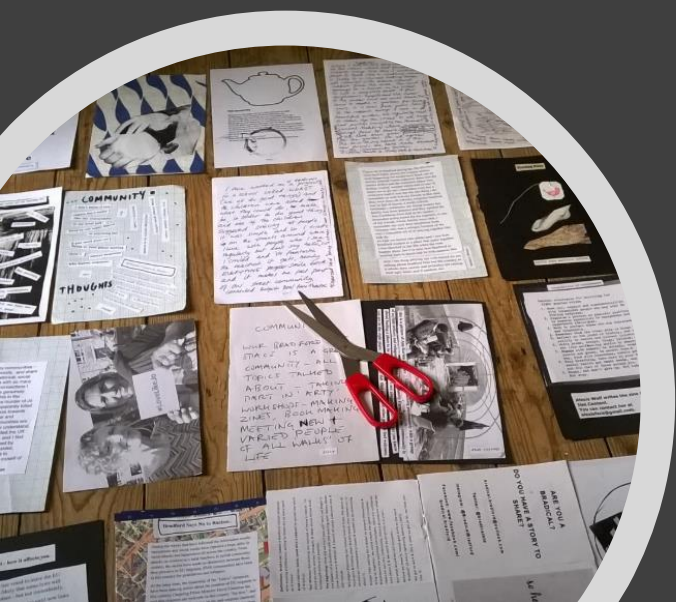
S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

COLOR CODING:
PLACE THE CORRESPONDING
STICKER ON THE APPROPRIATE DAY

- VACCINATION
- MORTALITY



- **PhotoVax-** Provide our stakeholders with cameras to capture their images and tell their stories
- **Vaxxer Calendars:** create calendars with Community that can be used to capture as well as provide information
- **VacZine-**Community developed Zine for advocacy with policy makers and with practitioners



Data- evidence for policy makers

- Not just sex data
- Gender sensitive indicators
- Proactively considering sex and gender as key part of the programs
- Consider Intersectionality: sex and gender intersect simultaneously with other factors that shape health outcomes, including age, race and ability, among others, all from within specific historical, geographic and cultural contexts

Communication and messaging

A diagram on a red background. At the top, the word "policeman" is written in a yellow, lowercase, sans-serif font. Below it is a white downward-pointing arrow. At the bottom, the words "police officer" are written in the same yellow, lowercase, sans-serif font, with "police" and "officer" separated by a space.

- Mainstream gender into the crafting of all OH messages, recognizing that the outcomes of our work will have different impacts for different genders
- use a range of communications approaches to reach its target audiences. In order to ensure that there is no gender discrimination in the dissemination of information, it will be necessary to gather information about how women, men, and organizations working on gender issues access information, and to ensure that the communication channels we use will be equally accessible to all.
- Organizational learning and continuous review- how do you stay relevant, viable and effective?

Conclusion

- Include and integrate Gender as a core competency in One Health from the beginning
- Engage both women and men together
- M&E: measure the gender-transformative change
- Intersectionality
- Aim to transform systems and structural barriers
- Integrate gender training components especially gender analysis into as many sectors as possible.
- Take advantage of every opportunity
- Expand your vocabulary to always include gender discussion
- Gaps in knowledge still exist but we recognize that much is already known about the importance of including a gender perspective in One Health

Thank you



Panel discussion: Gender Agenda in One Health'

Panelists: Dr Edna Mutua, Kathleen
Colverson, Prof Hellen Amuguni

Moderator: Prof Salome Bukachi



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Dr Nicholas Bor



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December 6-8

Coffee Break



Kenya One Health Conference

6-8 DECEMBER 2021



One Health education and capacity building

Dr Sam Wanjohi and Dr Wellington
Ekaya



Federal Ministry
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Session introduction

- To implement One Health, we need a cadre of trained professionals who can deploy systems thinking and facilitate transdisciplinary collaboration. Yet, these concepts have not been incorporated formally into the curricular of our animal, human and environmental health professions.
- This session will explore how to develop One Health capacity at the local level and integrate the concept at all levels of informal and formal training— from primary to tertiary levels – so that systems thinking and transdisciplinary collaboration can be used to solve the ‘wicked’ global health challenges of today.

Reflective session and reactions on Menti

Dr Nicholas Bor



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Emerging Pandemic Threats and other Global Challenges: Implications of lessons learnt on Research, Innovations and Technology in One Health Education

Prof Njenga Munene



Federal Ministry
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and Development

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Emerging Pandemic Threats and Other Global Implications of lessons learnt on Innovation Technology in One Health Education.

Prof Dr Njenga Munene BVM. MSc. PhD Adv Proot



Framework for sustainable implementation of collaborative One Health

Prof Oladele Ogunseitan



Federal Ministry
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Framework for Sustainable Implementation of Collaborative One Health Education

Dele Ogunseitan

University of California, Irvine
One Health Workforce | Next Generation

Kenya One Health Online Conference

6-8 December 2021

Session 1: One Health Research Dec 6, 2021
Session 2: Gender and One Health Dec 7, 2021
Session 3: One Health Education Dec 7, 2021
Session 4: One Health Implementation and Policy Dec 8, 2021

Visit ilri.org/kenya-one-health-conference to register



#KOHHC2021

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INSTITUTE



Agenda

1. **One Health Definition Demands Collaboration**
2. **Strategic Framework: Describing Core Competencies for One Health**
3. **Sustainability: Structure and Function of the One Health Workforce Academy**



USAID
FROM THE AMERICAN PEOPLE

UC DAVIS
One Health Institute
School of Veterinary Medicine

AFROHUN
Advancing One Health

SEA OHUN
Southeast Asia One Health
University Network

**EcoHealth
Alliance**

Ata Health Strategies

icap Global
Health

Berkeley
UNIVERSITY OF CALIFORNIA

Project
ECHO

UCI University of
California, Irvine

[Health Topics](#) ▾[Countries](#) ▾[Newsroom](#) ▾[Emergencies](#) ▾

[Home](#) / [News](#) / Tripartite and UNEP support OHHLEP's definition of "One Health"

Tripartite and UNEP support OHHLEP's definition of "One Health"

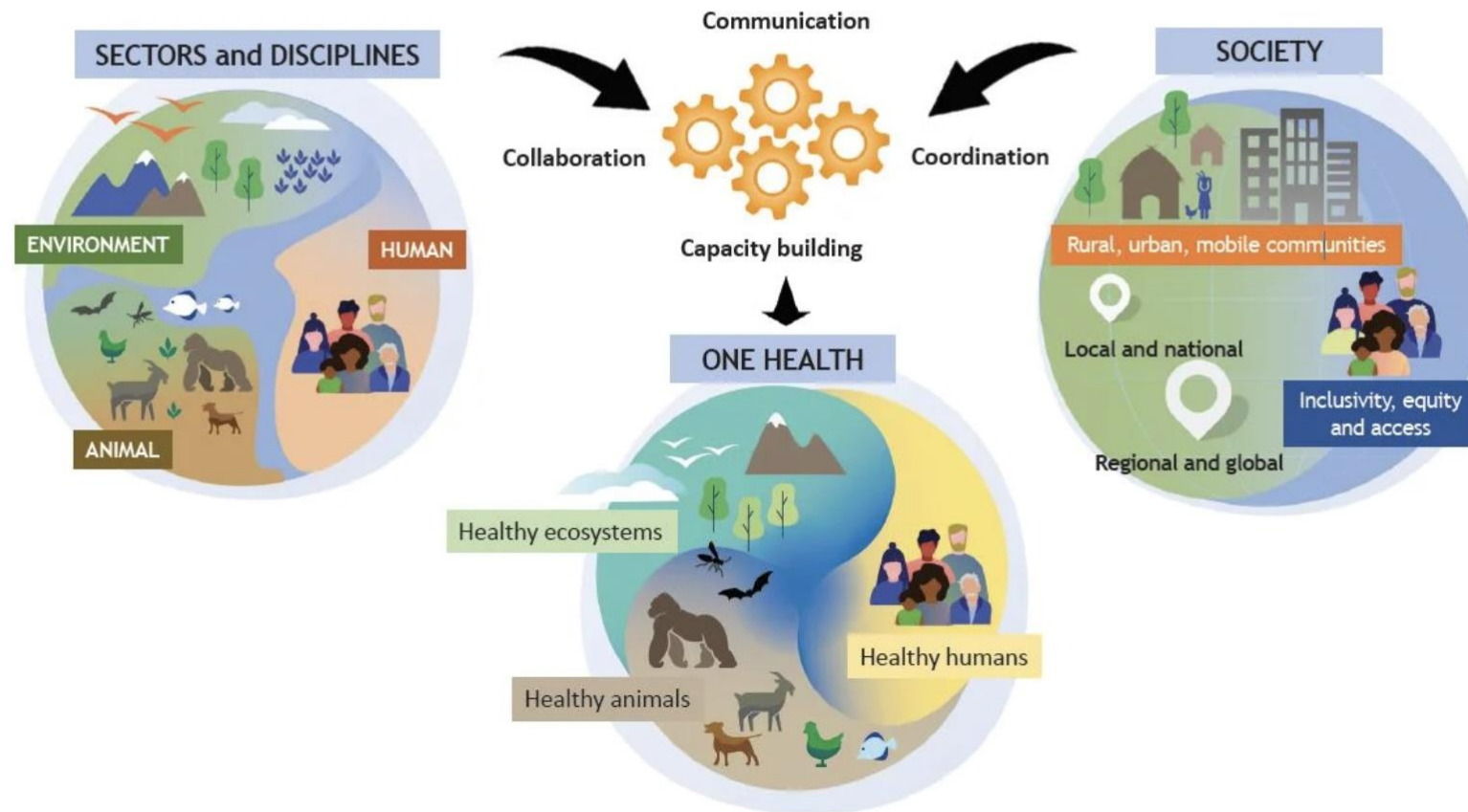
Joint Tripartite (FAO, OIE, WHO) and UNEP Statement

1 December 2021 | Joint News Release | Reading time: 2 min (506 words)

One Health is an integrated, unifying approach that aims to sustainably balance and optimize the health of people, animals and ecosystems.

It recognizes the health of humans, domestic and wild animals, plants, and the wider environment (including ecosystems) are closely linked and inter-dependent.

The approach mobilizes multiple sectors, disciplines and communities at varying levels of society to work together to foster well-being and tackle threats to health and ecosystems, while addressing the collective need for clean water, energy and air, safe and nutritious food, taking action on climate change, and contributing to sustainable development.



“COVID-19 pandemic origins and trajectory also point to the need for international collaboration and training in integrative surveillance...”

*One Health:
Ensuring Excellence
in Training Essential
Interprofessional Skills
for a Competent Workforce*

by Oladele A. Ogunseitan

University of California Presidential Chair, a Professor of Population Health and Disease Prevention, and a Leader for Training and Empowerment Objective in USAID One Health Workforce | Next Generation

Strategic Framework: Defining Core Competencies

Competencies for One Health Workforce Quality Assurance: Disciplinary Diversity and Consensus in a Global eDelphi Panel

Oladele A. Ogunseitan, University of California, Irvine, & One Health Workforce|NextGeneration Team



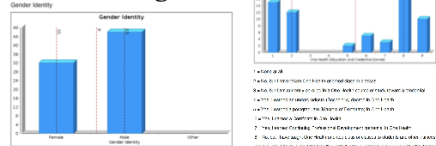
Purpose

One Health is posited as the interdisciplinary and intersectoral framework for preventing pathogen spillover from animals to human populations in events mediated by environmental conditions and risk factors. The training of healthcare professionals and their continuing professional development toward a credential in One Health has been hodgepodge emphasizing soft skills that are indistinguishable from other multidisciplinary frameworks. The hypothesis of this research is that consensus on core competencies of One Health suitable for a quality-controlled and assured credential will emerge through broad engagement of experts in a guided deliberative procedure.

Methods & Materials

The research protocol was approved by the UC Davis Institutional Review Board. The eDelphi Panel was set up on the platform <https://www.edelphi.org>. Panelists responded to queries and ranking exercises in 20 categories. The first round of the eDelphi was designed for panelists to sort and rank One Health major knowledge domains, sub-domains, core competencies, and skills. The eDelphi platform supported comments, argumentation, and debate with the goal of identifying consensus for top ten core competencies and skills. Eighty panelists among 250 invitees completed all questions and exercises.

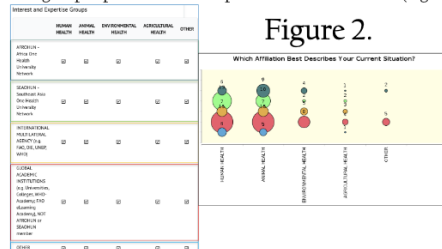
Figure 1.



Results

- Panel respondents were 40% female, median age group 40-50 years, 78% earned an academic or professional doctoral degree, 50% have more than 20 years of work experience in fields related to One Health; and 25% have earned a credential in One Health (Figs. 1 & 2).
- Ranked animal science and health sciences among the top of 18 major knowledge domains, whereas public policy was ranked low.
- Surprisingly, the ranking of Pharmacy was mixed considering the significance of One Health topics such as antibiotic resistance (Fig. 3).
- Emerging interdisciplinary domains such as Implementation Science, Sustainability Science, and Translational Science were ranked in the middle, with comments indicating less familiarity with these domains, in comparison to microbial science, environmental science, and ecology. Economics, International Studies, Science of Team Science were nominated by few panelists as not relevant to the One Health framework.
- Training in Disease Outbreak Prevention, Community Engagement, and Interaction among humans, animals, plants, and environment were identified as the most important sub-domain; the ranks of Advocacy Coalition and Gender Context of One Health were mixed; Integrative Toxicology was not generally ranked high, and these divergent perspectives will be explored further in Round-2 (Fig. 4).

Figure 2.



Conclusions

The eDelphi panel process proved to be effective in mapping diversity of perspectives and generating consensus on One Health domains, core competencies, and essential skills for the next generation of One Health workforce. The outcome supports the initiative for One Health Workforce Academies with prioritized competency-based training and assessment for an internationally accreditable Certificate in One Health.

Figure 3.

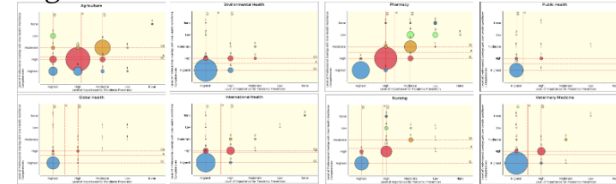


Figure 4.



POSTER PRESENTATION

View the poster presentation below.



SPEAKERS

Oladele Ogunseitan

AUTHORS



INTERNATIONAL
SOCIETY
FOR INFECTIOUS
DISEASES



ProMED
INTERNATIONAL SOCIETY
FOR INFECTIOUS DISEASES

Sustainable Collaboration

TRAINING AND EMPOWERING THE CURRENT AND FUTURE ONE HEALTH WORKFORCE ACADEMIES

Earn accreditation and employer recognition of One Health training, core competencies, and technical skills



AVAILABLE TO BROWSE NOW!

Preview and pre-register courses being developed by the OHWA consortium

One Health Training Course Lesson 1

Logos for UCDavis One Health Institute, icap Global Health, EcoHealth Alliance, Ata Health Strategies, Berkeley University of California, and ECHO.

Outbreak Investigation and Response

A person in a white protective suit and mask, holding a pipette, working in a laboratory.

Case Studies

A collage of images showing various animals (chickens, cows, a bird, a monkey) and people, likely related to the case studies.



The One Health Wo
service trainees at o
other academic inst
environmental scien
pharmacy, or any ot
training opportunit
Health.

In-service trainees c
and research progr
document their exp

Once available, info
Health certification
opportunities, and r

EXPLORE MORE TRAINING RESOURCES

Keyword

» Networks

▼ Types

- ☐ All Types
- ☐ Courses
- ☐ Case Studies
- ☐ Affiliated
- ☐ Resources
- ☐ Experientials
- ☐ Simulations
- ☐ Workshops

» Topic/Competency Domain

» Countries

» Programs

» Competency Levels

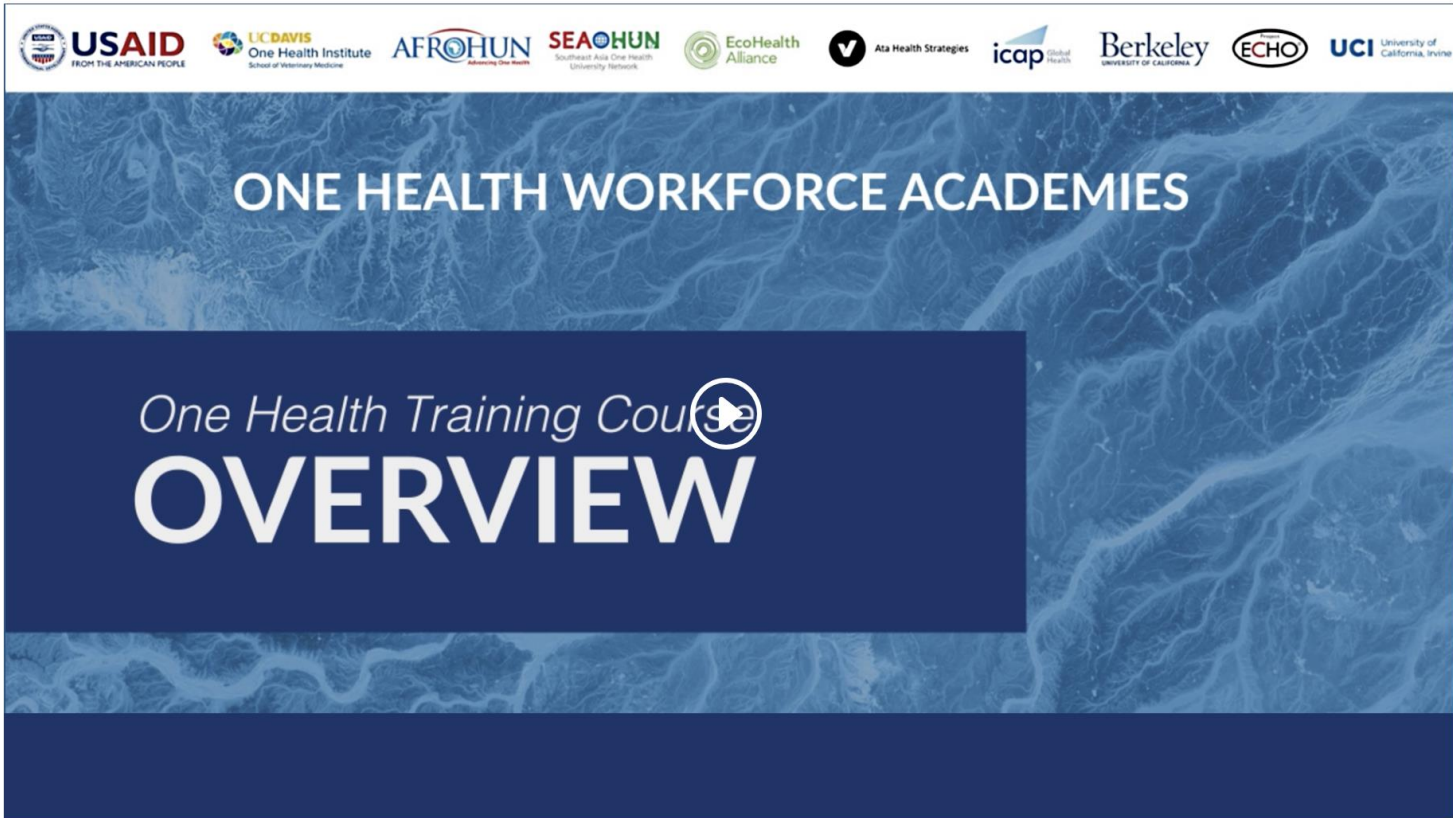
» Delivery Mode

» Language

» Cost

One Health Training Course

Based on results from an international stakeholder survey and expert Delphi panel, the One Health Training Course strengthens technical and competency-based knowledge and skill sets of One Health professionals. The One Health Training Course provides a comprehensive look across the core competencies of One Health, delivered by experts from around the world. The One Health Training Course is an online course designed for in-service professionals, and functions as a study guide for those planning to take the internationally accredited One Health Certification Examination.



This course is coming soon!

Use the dropdown options below to explore topics covered in the course.

☐ Lesson 1: Introduction to One Health

4 Topics | 4 Quizzes

Expand

Overview

Courses

Global Partners

Certificate

Continuing Professional Development

In-Service Training

Advanced

Online

Paid (Fee-based)

Core Competency Domains

This material will address the following Core Competency Domains from the One Health Workforce – Next Generation Program:

- Behavior Change
- Collaboration and Partnership
- Ecosystem Health
- Ecosystem Services
- Epidemiology
- Gender and One Health
- Human Animal Environmental Interactions
- Implementation Science
- Infectious Disease Management
- One Health Leadership
- One Health Management
- One Health Policy and Advocacy
- One Health Principles and Concepts
- One Health Research
- Outbreak Investigation and Response
- Risk Analysis
- Surveillance
- Systems Thinking
- Values and Ethics (cultural sensitivities, belief system)

One Health Workforce | Next Generation

Training & Empowerment

International Board of One Health Examiners

2021



Prof. Dr. Wayan Tunas Ardana
Coordinator of One Health/EcoHealth Resource Center-UGM
Fakultas Kedokteran Hewan (Veterinary Medicine),
Gadjah Mada University
Yogyakarta, Indonesia



Professor Ramona Bada Alambolji
Faculté de médecine vétérinaire - Département de
pathologie et microbiologie Cheik Anta Diop University,
Senegal



Dr. dr. Ni Nyoman Seti Badaryanti,
SpMR(K) - OHCC Udayana
University, Indonesia



Professor Dr. Latiffah Hassan
Faculty of Veterinary Medicine
Universiti Putra Malaysia



Assoc. Prof. Le Thanh Hien
Head of Department Of Infectious Diseases And
Veterinary Public Health
Faculty Of Animal Science And Veterinary Medicine
Nong Lam University, Vietnam



Assoc. Prof. Lai Thi Lan Huang
Vice-dean of Faculty of Veterinary Medicine
Vietnam National University of Agriculture



Assoc. Prof. Duong Thi Haang
Hai Phong University of Medicine and Pharmacy
Vietnam



Professor John David Kabusu
Principal, College of Veterinary
Medicine, Animal Resources and
Biotechnology
Makerere University, Kenya



Dr. Tongkorn Meechai
Dept. of Veterinary Resources & Veterinary Public Health
Chiang Mai University
Thailand



Assoc. Prof. Dr. Sangdhan Moonson
Faculty of Tropical Medicine, Mahidol University
Thailand



Professor Mabel Ngunjiri
Dean, School of Public Health
 Moi University, Kenya



Dr. Somkid Pruthai
Faculty of Education
Kasetsart University, Thailand



Assoc. Prof. Nguyen Duy Phong
Associate Professor at University of Medicine
and Pharmacy
Ho Chi Minh City, Vietnam



Assoc. Prof. Dr. Waleenon Sakumabang,
Faculty of Veterinary Science
Mahidol University



Assoc. Prof. Dr. Jonglee To-in
Faculty of Environment and Resource studies
Mahidol University

Huong Thi Hai Van, PhD
Head of Department of Global Health
Vice-Head of Department of Education, Science and Technology,
External Relation and Cooperation
School of Preventive Medicine and Public Health
Hanoi Medical University, Thailand

1. Drafting and reviewing questions based on One Health core competency domains for the certification examination.
2. Establishing eligibility criteria for trainees seeking to sit for the One Health Certification Examination, including, for example, previously passing a mentored experiential learning activity coordinated through a practicum course or internship project, and experiences that can only be attested through direct observation.
3. Establishing pass/fail thresholds for performance in the certification examination.
4. Sensitizing accrediting bodies, professional organizations, and potential employers of pre-service trainees and supervisors of in-service trainees; and convening authors to submit a proposal for a Study Guide for One Health Certificate examination.

Thank you



From theory to practice: developing shared competencies among One Health practitioners at multiple levels

Dr Tequiero Abuom – University of
Nairobi



Federal Ministry
for Economic Cooperation
and Development

Kenya
One Health
Online Conference
December 6-8

From theory to practice: developing shared competencies in One Health practitioners at multiple levels

ABUOM T.O.

UNIVERSITY OF NAIROBI

7TH DEC. 2021

Outline

- Introduction
- Competencies in OH
- Shared core competencies
- Pre-service training
- In-service training
- Challenges in OH training and competency development
- Recommendations
- Conclusion

INTRODUCTION

- Competency: The ability to do something successfully or efficiently

Importance of defining competencies

1. Ensure that people **demonstrate sufficient expertise.**
2. **Recruit and select** new staff more effectively.
3. **Evaluate performance** more effectively.
4. **Identify skill and competency gaps** more efficiently.
5. Provide more **customized training and professional development.**
6. **Plan** sufficiently for succession.
7. Make **change management** processes work more efficiently.

Competencies and One Health

- One health professional education courses
 - Similar course content and
 - Expectations for learners. (Larsen, 2021)
- Employ multidisciplinary approaches during curriculum development
 - ensuring training curricula cover all the important aspects of OH
- Inclusion of stakeholders
 - Professional/regulatory bodies
 - Industry
 - Alumni
 - Academia

.

Shared core competencies



What about the non-technical competencies?

Preservice training

- Joint development of curricula and didactic courses.
- Use of community based education approaches to multidisciplinary groups of students
- Use of simulations
- Joint response to OH events
 - Disease Outbreaks



In-service training

1. Short courses/Seminars/Workshops/Conferences

- Creation of communities of practice
- Developing partnerships



AFROHUN KENYA ONE HEALTH ECHO
SERIES 1: AMR & ONE HEALTH
SESSION 5: AMR PREVENTION AND MITIGATION: IPC & AMS

The USAID One Health Workforce - Next Generation (OHW-NG) project, in collaboration with AFROHUN Kenya are pleased to invite you to the One Health ECHO Program. Over the course of the program, various series will be hosted, highlighting topical issues and the application of the One Health approach.

First on the series is AMR & One Health, which will be discussed over subsequent sessions. You are invited to session 5, a ninety-minute interactive ECHO session for multi-disciplinary preservice and in service One Health practitioners and other interested stakeholders

SAVE THE DATE! 1ST DECEMBER, 2021
US TIME: 8:30am EDT , 6:30am MDT
AFRICA TIME : 4:30pm EAT, 1:30pm GMT, 2:30pm WAT

AGENDA:
4:30pm-4:40pm: House keeping and welcome
AFROHUN Kenya- Sam Wanjohi

4:40pm-4:55pm: Case presentation, Discussion and SME Input:
Lead Facilitator: Dr. Tequero Okumu Abuom
Moderator: Dr. Peter Kimeli

5:00pm-5:20pm. : Didactic Presentation and Q&A – Section 1
Session 5 presenter bio can be viewed [here](#)
Dr. Martin Evans

5:25pm-5:45pm: Didactic presentation – Section 2
Dr. Martin Evans

5:45pm-5:55pm: Q&A and Discussion
Moderator : Dr. Peter Kimeli & Dr. Getrude Shepelo

5:55pm-6:00pm : Wrap up and closing
AFROHUN Kenya- Sam Wanjohi

For pre- registration [Click here](#)
For more information or clarifications please email kenya@afrohun.org

Award of CPD points will be communicated in session

USAID FROM THE AMERICAN PEOPLE
UC DAVIS One Health Institute School of Veterinary Medicine
AFROHUN Advancing One Health
SEA OHUN Southeast Asia One Health University Network
EcoHealth Alliance
Ata Health Strategies
icap International Center for Advanced Policy
Berkeley UNIVERSITY OF CALIFORNIA
ECHO
UCI University of California, Irvine

2. Postgraduate diploma/degree programmes



**REGULATIONS AND SYLLABUS FOR MASTER OF SCIENCE IN
INFECTIOUS DISEASES AND GLOBAL HEALTH (MSc IDGH) CURRICULUM**

A JOINT PROGRAMME BETWEEN |

UNIVERSITY OF NAIROBI

FACULTY OF VETERINARY MEDICINE AND SCHOOL OF PUBLIC HEALTH

AND

MOI UNIVERSITY, SCHOOL OF PUBLIC HEALTH

Challenges in OH training and competency development

- Scheduling of joint/multi-institutional events
- Funding
- Silo mentality (professions) and team building (attitudes)
- Changing government/institutional policies and priorities
- Expertise that isn't locally available

Recommendations/Lessons learnt

- Culture change
- Ensure our programs and approaches are sustainable at all levels
- Working as multiple institutions
- South-South collaboration
- Influence policy
 - HIGH QUALITY RESEARCH
 - DISSEMINATION OF FINDINGS TO ALL STAKEHOLDERS

Conclusion

- One Health competency development is key for workforce growth in the dynamic world with emerging threats.

References

- Amuguni, H., Bikaako, W., Naigaga, I., & Bazeyo, W. (2019). Building a framework for the design and implementation of One Health curricula in East and Central Africa: OHCEAs One Health training modules development process. *One Health*, 7.
- Larsen, R.J. Shared Curricula and Competencies in One Health and Health Professions Education. *Med.Sci.Educ.* 31, 249–252 (2021).
<https://doi.org/10.1007/s40670-020-01140-7>

Thank you



Experiences learning and working in the One Health Framework: Perspectives from a socio-ecologist

Ms. Caroline Kimani



Federal Ministry
for Economic Cooperation
and Development

Kenya
One Health
Online Conference

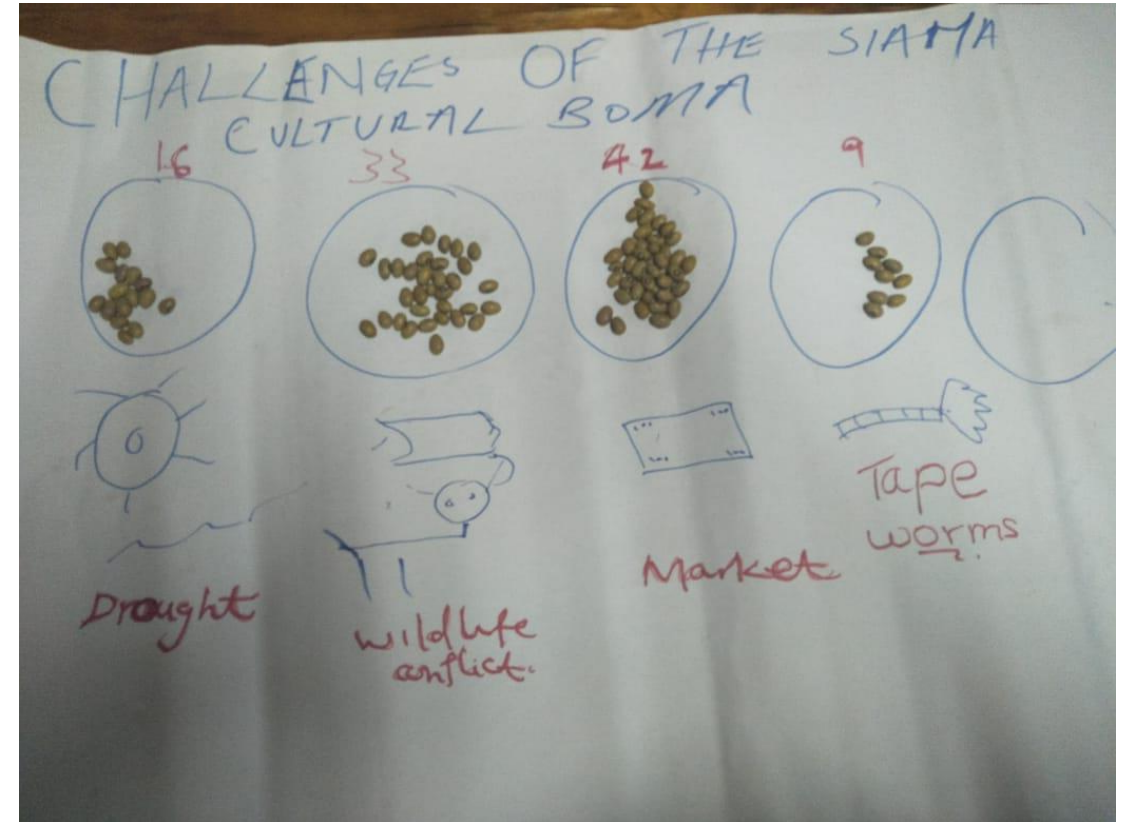
December 6-8



Experiences Learning and Working in the One Health Framework: Perspectives from a Socio-Ecologist

Ms Caroline Kimani

Participatory Approaches



Community Outreach



Knowledge Dissemination



Key Lessons



MULTIDISCIPLINARY
APPROACH- ROLE OF
ECOLOGY IN OH



SYSTEMS
THINKING



OUR
INTERCONNECTEDNESS



SHARING/BREAKING
SILOS

Eco Health Challenges

- Biodiversity loss
- Land use change
- Wildlife habitat encroachment
- Climate change
- Food systems





“We stand at a critical moment in Earth’s history, a time when humanity must choose its future. As the world becomes increasingly interdependent and fragile, the future at once holds great peril and great promise.”

Earth Charter

carowkimani@gmail.com

Thank you



Science Communication: An enabler of One Health culture and practice

Dr. Margaret Karembu



Federal Ministry
for Economic Cooperation
and Development

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One Health
Online Conference
December 6-8

Science Communication

An Enabler of One Health Culture and Practice

Margaret Karembu, PhD, MBS
Director, ISAAA AfriCenter
mkarembu@isaaa.org

KENYA ONE HEALTH CONFERENCE
6th – 8th December 2021

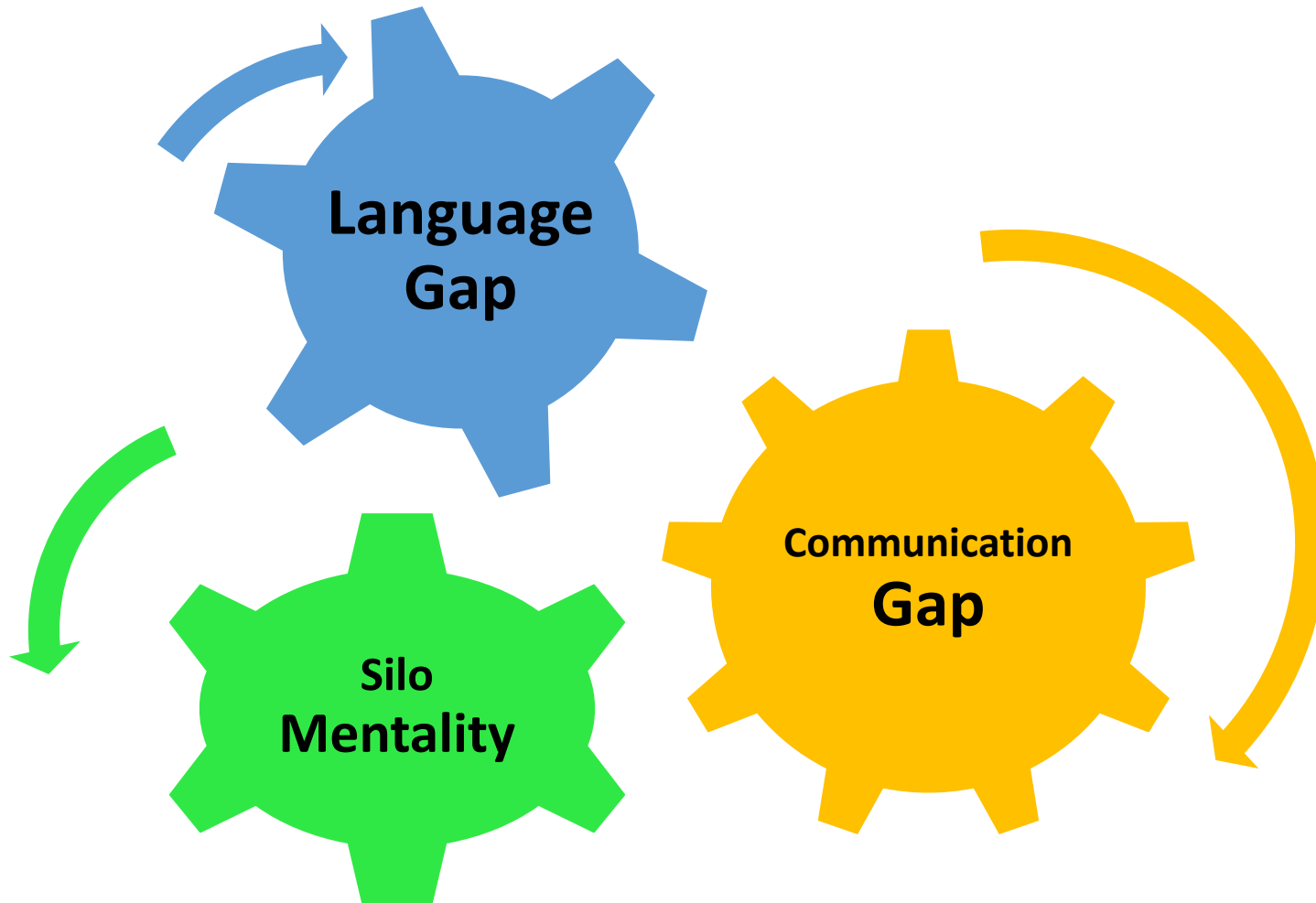




**“The greatest
problem with
communication is
the illusion it has
been accomplished”**

George Bernard Shaw

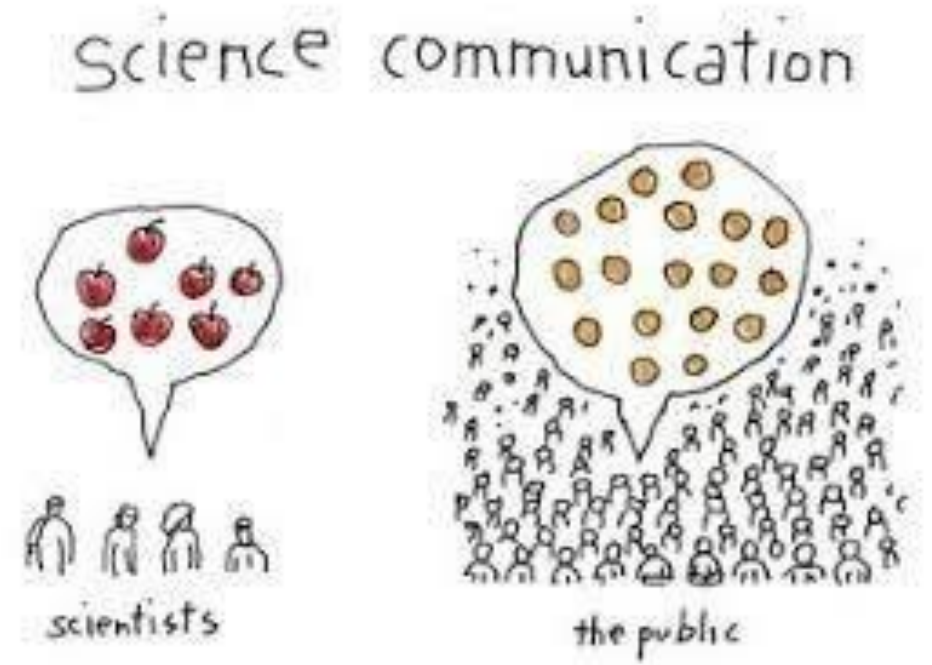
Key Watch-Outs



What is Science Communication?

Scicomm is about putting research into context by helping **stakeholders** understand research results and make informed evidence-based decisions

✓ Strengthens the connection between science and society, building confidence towards scientific information

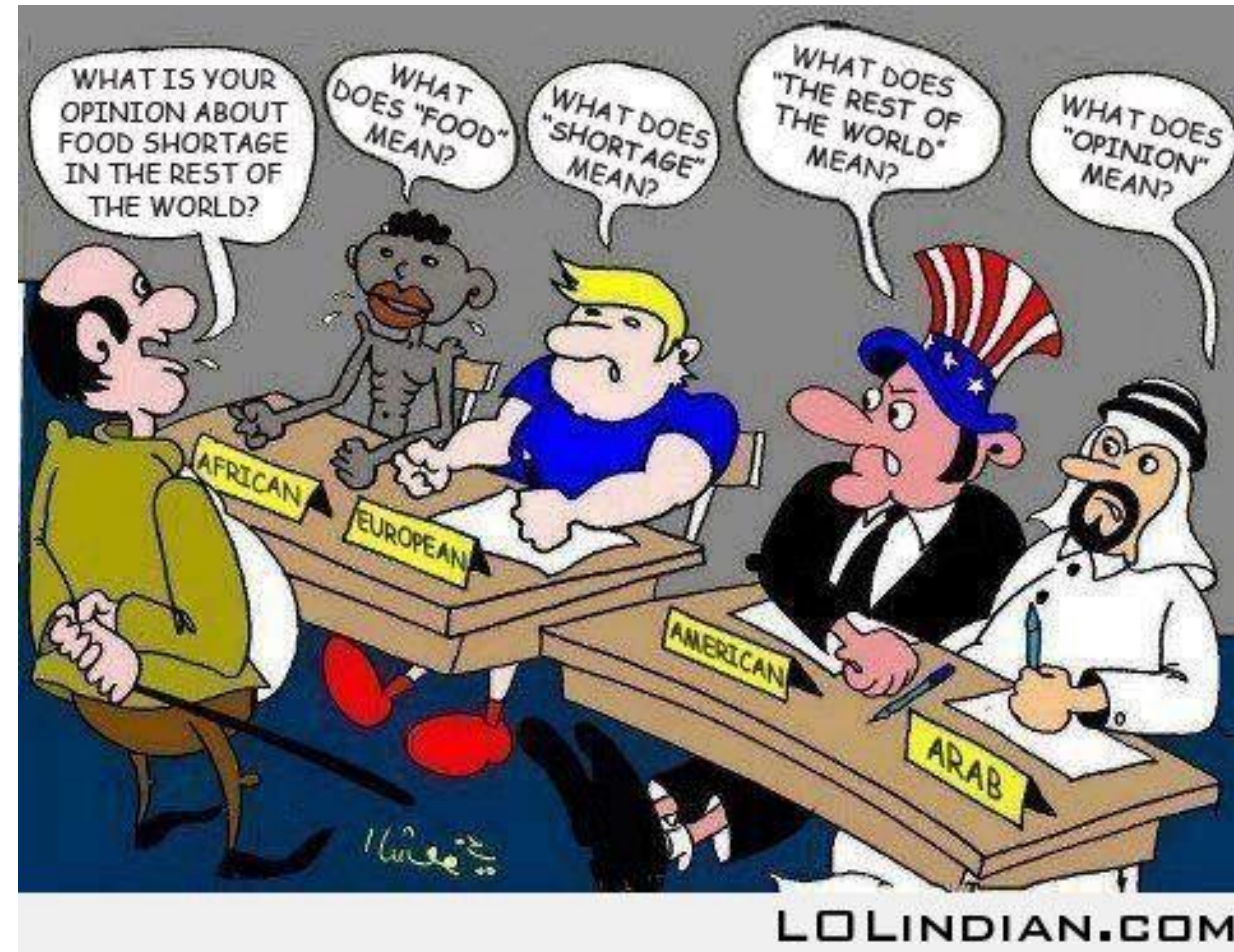


*As researchers in One Health, we have an obligation to communicate our work, it is **NOT JOB OF OTHERS!***

The Communication Challenge in OH

- ✓ Diverse disciplines and cultures
- ✓ Varied needs and interests
- ✓ Mixed opinions
- ✓ Inability to simplify technical research findings - jargon and acronyms

CONTEXT will determine how messages are received...



Communication Gap

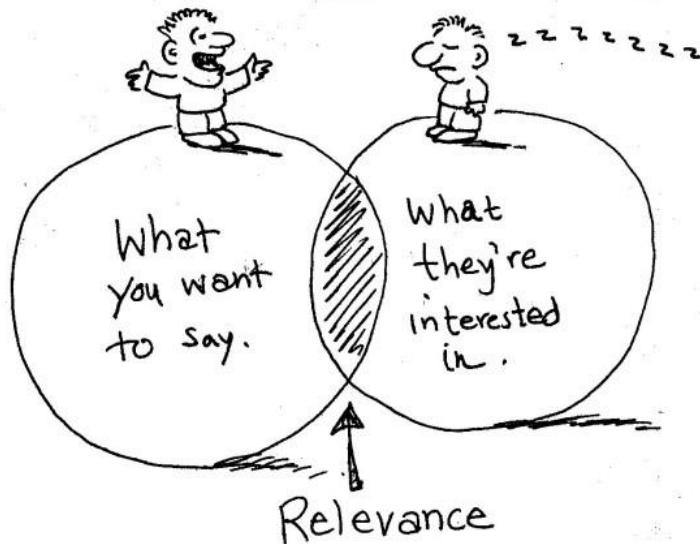
“Words are responsible for cutting down a big tree; the axe is only an instrument”

- African proverb

- Why the intervention?
- What problems?
- Who benefits (WIIFM?)

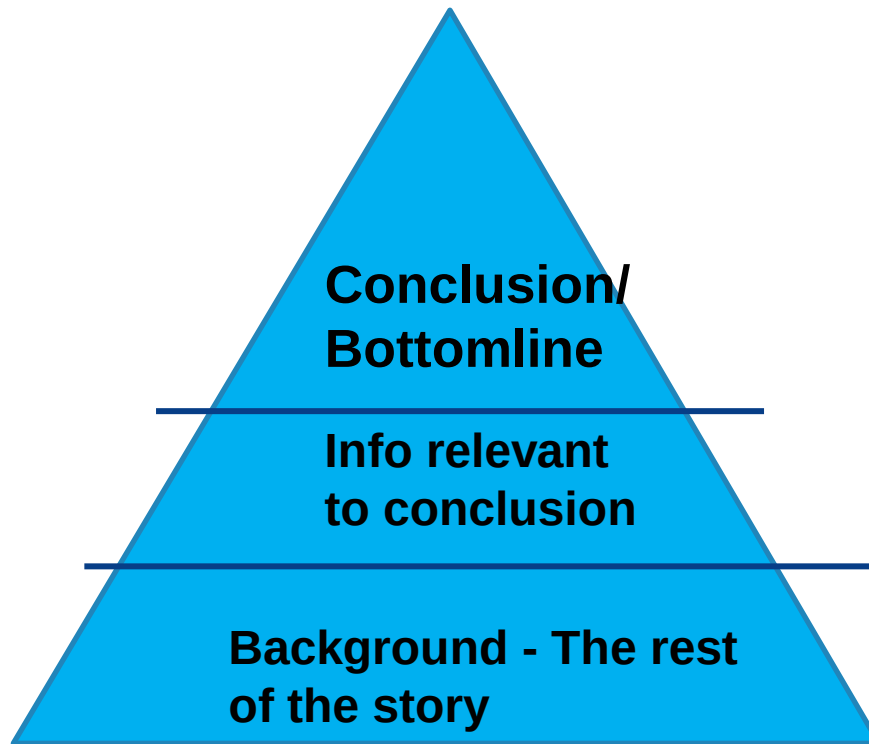
Address gaps to
effective
communication

- ✓ Soft skills training among OH partners – Risk communication and storytelling
- ✓ Increase mass/social media engagement to enhance OH visibility, policy influence
- ✓ Parliamentary sessions with appropriate committees- Agric, Health, Finance, Envi. to address overlapping mandates

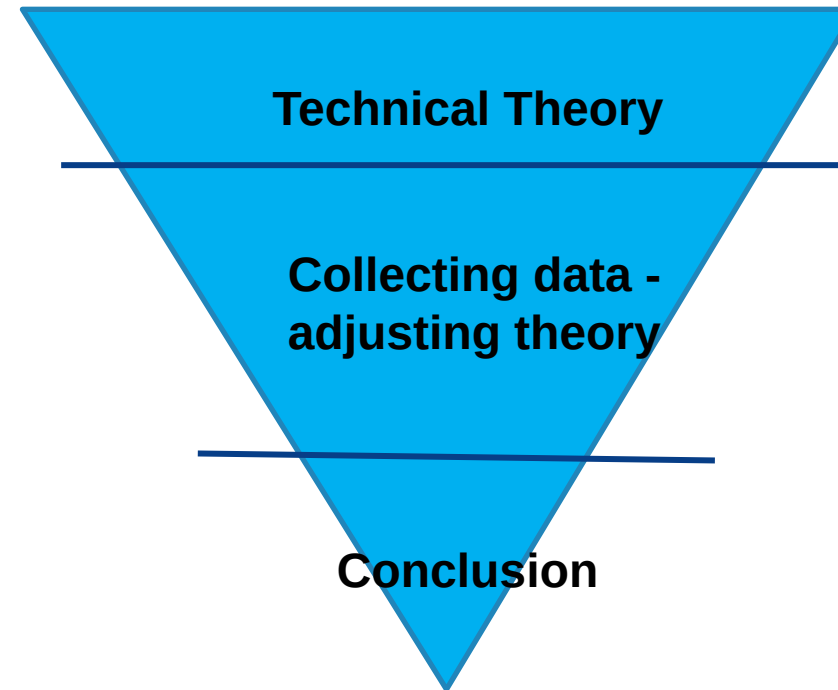


The Language Gap

Non-Scientists



Scientists/Technical



Golden rule:
Simplify language
/unpack technical
jargon/acronyms

Scientists and the public have different communication styles. While scientists often start by placing research in a historical context, the public wants to know the bottom line - “so-what?”

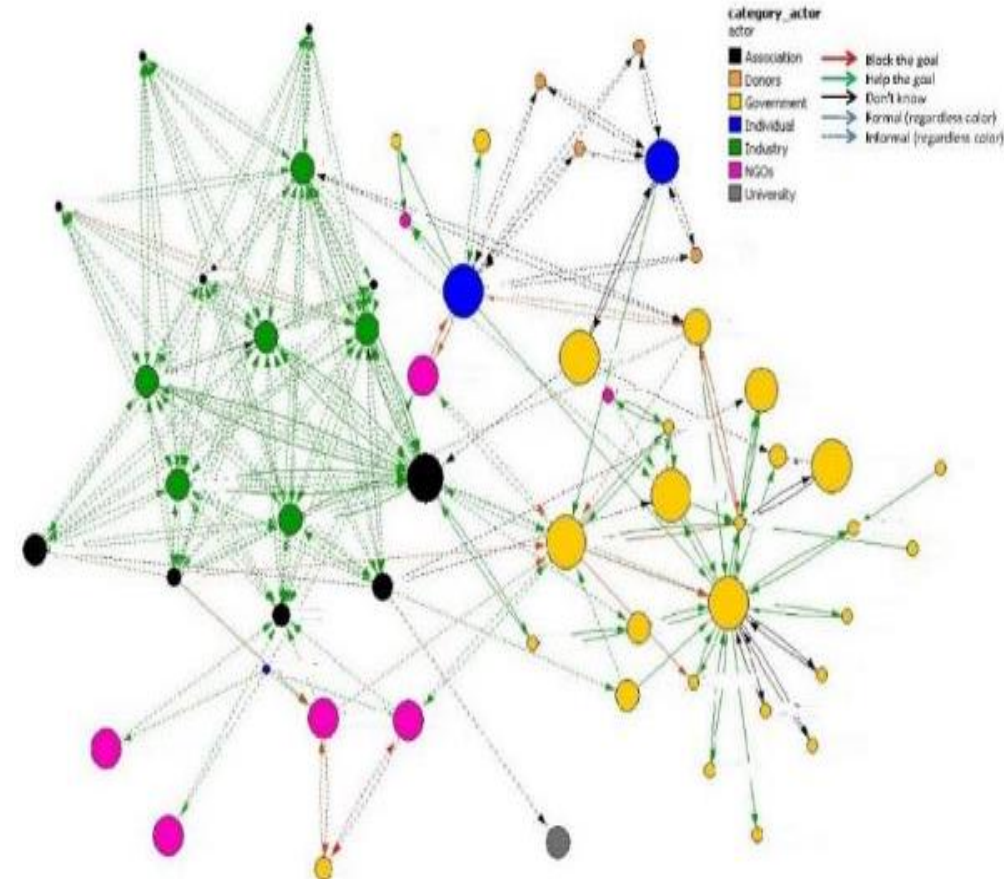
Silo Mentality (Insulation)

“If you want to go fast, go alone. If you want to go far, go together”

- African proverb

Proposed Interventions:

1. Net-mapping → Understand relationships and connections of OH actors
2. Identify key territorial issues → shared values
3. Increase engagement across OH sectors to address conflicts → appropriate platforms



Strategies to Strengthen Soft Skills among One Health Partners

National / regional boot camps on:

- Science communication
- Art of public engagement
- Principles of negotiation and conflict resolution
- Creating and managing partnerships
- Oral presentation and research pitching
- Mass Media relations – OH Science Cafes'



In Conclusion...

1. Understand relationships among OH actors for message CONTEXT
2. Show integrity and shared values that aligns with the actors
3. **Simplify language and jointly develop a glossary of terminologies/ acronyms**
4. Walk with the media and policy makers right from the onset
5. Be proactive than reactive to build trust and credibility

A-S-A-N-T-E (Thank you!)

**Invites you to subscribe for The
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Thank you



Reflective session and reactions on Menti

Dr Nicholas Bor



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One Health

Online Conference

December 6-8

Panel discussion: Strategies for developing, implementing and sustaining One Health education in higher learning institutions

Panelists: Prof Oladele Ogunseitan, Prof Mabel Nangami, Ms Caroline Kimani and Dr Margaret Karembu

Moderator: Dr Wellington Ekaya



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END of Day 2

See you tomorrow at 1:45pm EAT

