

WOAH Collaborative Centre Reports Activities 2022

Activities in 2022

This report has been submitted : 13 février 2023 18:05

Centre Information

Title of WOA Collaborating Centre	Day-One Veterinary Competencies and Continuing Education
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Name of the writer:	James A. Roth

TOR1 AND 2: SERVICES PROVIDED

1. Activities as a centre of research, expertise, standardisation and dissemination of techniques within the remit of the mandate given by WOA

Training, Capacity Building	
Title of activity	Scope
	A project to improve veterinary education related to the WOA Day One Competencies, structured around the WOA Model

Day 1 Platform for Veterinary Education

Core Curriculum and funded by the Bill & Melinda Gates Foundation. High quality, gender-intentional, and culturally and geographically relevant educational material has been created to expand herd health management and nutrition and infectious disease epidemiology topics as well as add material related to transmissible diseases and broadened to encompass content specific for cattle, poultry, small ruminants, and swine. The Platform currently includes approximately 40 modules related to Herd Health Management and Nutrition, approximately 30 modules related to Infectious Disease Epidemiology, and approximately 80 modules related to disease information. Twenty-three additional modules related to Transmissible Diseases, 10 modules related to cattle, and 30 additional disease-specific modules are in the final stages of review and development. The Platform was launched in 2020 for use at the University of Gondar in Ethiopia and the Royal University of Agriculture in Cambodia. In 2021-2022, a veterinary curricular assessment was completed at two additional VEEs, Khon Kaen University in Thailand, and the University of the Philippines Los Banos. In total, 70 faculty/instructors have been trained on the assessment methodology and are preparing for implementation in their own VEEs. Faculty member-provided feedback indicates that materials are being used with students in the classrooms (primarily 4th and 5th-year students) as well as for faculty training to improve knowledge and capacity and assist with further continuing professional education

Training, Capacity Building

Title of activity	Scope
Transboundary and Emerging Diseases of Animals online course	Online course used by all US veterinary schools to provide training on transboundary animal diseases and required for initial accreditation training

Training, Capacity Building

Title of activity	Scope
African Swine Fever and Transboundary Animal Disease course (English and Spanish language versions)	These online courses are a collaboration between the Instituto Interamericano de Cooperacion para la Agricultura (IICA), the USDA, and CFSPH. The courses are designed to increase the competencies of veterinarians and other animal health professionals to identify, prevent, respond, control, and eradicate African swine fever and other transboundary animal diseases

Training, Capacity Building

Title of activity	Scope
	The Basic course introduces biosecurity concepts and provides an overview of biosecurity risk factors. It is designed for producers, extension personnel, and veterinary technicians. The

<p>Biosecurity in Livestock and Poultry Production: Basic and Advanced Courses (New in 2022)</p>	<p>Advanced course covers the content from the basic course and provides information on assessing risk and developing, implementing, and evaluating biosecurity plans. It is designed for veterinarians. These new courses were widely advertised and offered at no cost to the user</p>
<p>Training, Capacity Building</p>	
<p>Title of activity</p>	<p>Scope</p>
<p>Animal Disease Emergencies</p>	<p>A self-paced web-based course for individuals unfamiliar with animal health emergency response. The course covers the impact of animal diseases, the terminology used in a response, and a variety of actions for a coordinated response</p>
<p>Training, Capacity Building</p>	
<p>Title of activity</p>	<p>Scope</p>
<p>Youth-in-Ag, Blue, Not Flu Courses</p>	<p>Targeted toward youth aged 13-18, one course teaches showmanship and animal involvement along with zoonotic disease risks and preventive measures. A second course targeted toward youth 7-12 is also offered. Outreach to youth and adults (train-the-trainers) is regularly conducted via in person, live virtual, recorded, and web promotion</p>
<p>Training, Capacity Building</p>	
<p>Title of activity</p>	<p>Scope</p>
<p>Overview of organic and alternative animal health for veterinarians (1 course) and for veterinary technicians and extension specialists (1 course) (new in 2022)</p>	<p>Both versions of this one-credit course provide a broad overview of organic and alternative livestock production and the role of animal health/animal management professionals working with these farmers/ranchers</p>
<p>Training, Capacity Building</p>	
<p>Title of activity</p>	<p>Scope</p>
<p>Two courses covering zoonotic diseases</p>	<p>Protecting People and Animals in Rural Communities and Protecting People and Their Pets</p>
<p>Training, Capacity Building</p>	
<p>Title of activity</p>	<p>Scope</p>
<p>Fact sheets for Transboundary Animal Diseases</p>	<p>147 English fact sheets, downloaded 478,146 times in 2022; 138 Spanish fact sheets downloaded 736,365 times; 44 Portuguese fact sheets downloaded 79,025 times; and 11 French fact sheets downloaded 3,293 times in 2022</p>
<p>Training, Capacity Building</p>	
<p></p>	<p></p>

Title of activity	Scope
One page fact sheets for the public	88 English: Downloaded 194,943 times in 2022 67 Spanish: Downloaded 118, 176 times in 2022
Training, Capacity Building	
Title of activity	Scope
Annotated images of animal diseases	410 annotated images: 57, 865 views (English) and 19,731 views (Spanish) in 2022
Training, Capacity Building	
Title of activity	Scope
Working with the WOAHA Training Department to develop guidelines and advanced guidelines for the WOAHA Training Platform	Completed a project with other WOAHA Collaborating Centers in Capacity Building on the development of guidance documents, including minimum requirements and advanced practices for the development of quality e-Learning modules for the WOAHA Training Platform

TOR3: HARMONISATION OF STANDARDS

2. Proposal or development of any procedure that will facilitate harmonisation of international regulations applicable to the main focus area for which you were designated

Proposal title	Scope/Content	Applicable area

4. Did your Collaborating Centre maintain a network with other WOAHA Collaborating Centres (CC), Reference Laboratories (RL), or organisations designated for the same specialty, to coordinate scientific and technical studies?

Yes

Name of OIE CC/RL/other organisation(s)	Location	Region of networking Centre	Purpose
Center for Animal Health and Food Safety, University of Minnesota	St. Paul, USA	Americas	Collaborate on WOAHA Training Platform projects

Instituto Zooprofilattico Sperimental dell'Abruzzo e del Molise	Italy	Europe	Collaborate on WOAHO Training Platform projects
Ecole Nationale des Services Veterinaires	France	Europe	Collaborate on WOAHO Training Platform projects
Center National de Veille Zoo Sanitaire de Tunis	Tunisia	Africa	Collaborate on WOAHO Training Platform projects
Chiang Mai University Veterinary Public Health center	Thailand	Asia and Pasific	Collaborate on WOAHO Training Platform projects
Centro Buenos Aires para la Capacitación de los Services Veterinarians	Argentina	Americas	Collaborate on WOAHO Training Platform projects
Ecole Inter Etats des Science et Médecine Veterinaries of Dakar	Senegal	Africa	Collaborate on WOAHO Training Platform projects
WOAH Central Bureau	Paris, France	Europe	Collaborate on WOAHO Training Platform projects

TOR4 AND 5: NETWORKING AND COLLABORATION

5. Did your Collaborating Centre maintain a network with other WOAHO Collaborating Centres, Reference laboratories, or organisations in other disciplines, to coordinate scientific and technical studies?

No

TOR6: EXPERT CONSULTANTS

6. Did your Collaborating Centre place expert consultants at the disposal of WOAHO?

Yes



NAME OF EXPERT	KIND OF CONSULTANCY	SUBJECT
Molly Lee	Advising	Development of guidelines for e-module development for WOAHA Training Platform
James Roth	Advising	Development of guidelines for e-module development for WOAHA Training Platform
Jane Galyon	Advising	Development of guidelines for e-module development for WOAHA Training Platform

TOR7: SCIENTIFIC AND TECHNICAL TRAINING

7. Did your Collaborating Centre provide advice/services to requests from Members in your main focus area?

Yes

Day 1 Training Platform:

Ethiopia: In 2020-2021, the Platform was used at Gondar University in Ethiopia. In 2022, the Platform was made available to 14 additional VEEs in Ethiopia and is being incorporated into the national curriculum for Ethiopia.

SE Asia: In 2020-2021, the Platform was used in Cambodia. In 2022, the initiative was expanded to Thailand, Philippines, Laos, Vietnam, Indonesia, and Malaysia; 70 faculty members were trained on the curriculum assessment tool and how to implement it in their universities.

ASF TAD Course: The course was available in Spanish and English and in 2022 was used in Argentina, Uruguay, Paraguay, Chile, Brazil, Bolivia, the Dominican Republic, and the CARICOM countries: Belize, Barbados, Guyana, Haiti, Bonaire; Sint Eustatius and Saba, Saint Vincent and the Grenadines, Jamaica, Trinidad and Tobago, Cuba, Saint Kitts and Nevis, Saint Lucia, plus invited participants from Colombia

Biosecurity courses:

Basic: Participants from United Arab Emirates, Anguilla, Argentina, Australia, Azerbaijan, Brazil, Canada, Congo, Cameroon, China, Colombia, Costa Rica, Czechia, Dominican Republic, Ethiopia, Great Britain, Honduras, India, Jamaica, North Macedonia, Mexico, New Zealand, Philippines, Pakistan, Puerto Rico, Romania, Saudi Arabia, Turkey, Uruguay, Viet Nam, and Zambia.

Advanced: Participants from United Arab Emirates, Afghanistan, Albania, Argentina, Australia, Azerbaijan, Canada, Chile, Colombia, Dominican Republic, Ecuador, Egypt, Spain, Ethiopia, United Kingdom, India, Jordan, Kenya, Mexico, Nigeria, New Zealand, Papua New Guinea, Philippines, Pakistan, Puerto Rico, Portugal, Qatar, Romania, Saudi Arabia, Thailand, Turkey, Uruguay, South Africa.

Organic courses: Participants from Argentina, Australia, Azerbaijan, Canaea, Cayman Islands, China, Dominica, Dominican Republic, Ethiopia, Germany, India, Israel, New Zealand, Nigeria, Saudi Arabia, Spain, Thailand, UAE, UK, and Uruguay.

Youth-in-Ag course: Participants from China, Canada, India, Australia, Germany, Philippines, Brazil, Mexico, Spain, Argentina, Indonesia, France and the UK.

8. Did your Collaborating Centre provide scientific and technical training, within the remit of the mandate given by WOAHA, to personnel from WOAHA Members?

Yes

a) Technical visit : 70

b) Seminars : 912

c) Hands-on training courses: 0

d) Internships (>1 month) : 0

TYPE OF TECHNICAL TRAINING PROVIDED (A, B, C OR D)	CONTENT	COUNTRY OF ORIGIN OF THE EXPERT(S) PROVIDED WITH TRAINING	NO. PARTICIPANTS FROM THE CORRESPONDING COUNTRY
b	Day 1 Platform	Ethiopia	73
a	Day 1 Platform	Cambodia, Thailand, Philippines, Laos, Vietnam, Indonesia, Malaysia	70
b	ASF TAD course	Argentina, Uruguay, Paraguay, Chile, Brasil, Bolivia, Dominican Republic, Belize, Barbados, Guyana, Haiti, Bonaire; Sint Eustatius and Saba, Saint Vincent and the Grenadines, Jamaica, Trinidad and Tobago, Cuba, Saint Kitts and Nevis, Saint Lucia, Colombia	558
b	Biosecurity Courses	Afghanistan, Albania, Anguilla, Argentina, Australia, Azerbaijan, Brazil, Canada, Cameroon, Chile, China, Colombia, Congo, Costa Rica, Czechia, Dominican Republic, Ecuador, Egypt, Ethiopia, Great Britain, Honduras, India, Jamaica, Jordan, Kenya, North Macedonia, Mexico, New Zealand, Nigeria, Papua New Guinea, Philippines, Pakistan, Portugal, Qatar, Romania, Saudi Arabia, South Africa, Spain, Thailand, Turkey, United Arab Emirates, Uruguay, Viet Nam, Zambia	156
b	Organic courses	Argentina, Australia, Azerbaijan, Canaea, Cayman Islands, China, Dominica, Dominican Republic, Ethiopia, Germany, India, Israel, New Zealand, Nigeria, Saudi Arabia, Spain, Thailand, UAE, UK, and Uruguay	34
b	Youth-in-Ag	China, Canada, India, Australia, Germany, Philippines, Brazil, Mexico, Spain, Argentina, Indonesia, France, UK	87
b	Transboundary and Emerging Diseases of Animals course	Canada, Brazil, Saint Kitts and Nevis	4

TOR8: SCIENTIFIC MEETINGS

9. Did your Collaborating Centre organise or participate in the organisation of scientific meetings related to your main focus area on behalf of WOA?H?

No

TOR9: DATA AND INFORMATION DISSEMINATION

10. Publication and dissemination of any information within the remit of the mandate given by WOA?H that may be useful to Members of WOA?H

a) Articles published in peer-reviewed journals:

0

b) International conferences:

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Dr. Molly Lee: Bill & Melinda Gates Foundation Livestock Partner Convening, February 7-9, 2022; "Platform for Day 1 Veterinary Education" (virtual)

Dr. Molly Lee: Ethiopia Continuing Professional Development Training of Trainers, May 10, 2022; "Day 1 Platform for Veterinary Education" and "Best Teaching Practices and Quality Standards in Educational Material Development" (virtual)

Dr. Molly Lee: Thailand Assessment Workshop, October 2, 2022; "Assessment and Implementation of Day 1 Competencies" (Khon Kaen, Thailand)

Dr. Molly Lee: Philippines Assessment Workshop, October 13, 2022; "Assessment and Implementation of Day 1 Competencies" (Manila, Philippines)

c) National conferences:

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Dr. James Roth: Prevention and Control of Animal Infectious Diseases that Threaten Global Food Security and Public Health, University of Nebraska, Lincoln, NE, April 13, 2022

Dr. Molly Lee: Multi-State Partnership for Security in Agriculture Annual Meeting, July 26-28, 2022; "CFSPH Resources"

d) Other (Provide website address or link to appropriate information):

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www.cfsph.iastate.edu

www.cfsph.iastate.edu/courses

www.cfsph.iastate.edu/product/eeda-course/

<https://day1.cfsph.iastate.edu/>

<https://www.cfsph.iastate.edu/thelivestockproject/>

<https://www.cfsph.iastate.edu/product/biosecurity-livestock-poultry/>

www.asf.cfsph.iastate.edu/login.index.php

www.cfsph.iastate.edu/course/blue-not-flu/

www.cfsph.iastate.edu/product/zoonoses-course-rural/

www.cfsph.iastate.edu/product/zoonoses-course/

www.cfsph.iastate.edu/product/animal-disease-emergencies-understanding-the-response/

www.cfsph.iastate.edu/diseaseinfo

www.cfsph.iastate.edu/es/

www.cfsph.iastate.edu/diseaseinfo/factsheets-pt/

www.cfsph.iastate.edu/diseaseinfo/disease-fr/

11. What have you done in the past year to advance your area of focus, e.g. updated technology?

Improvements to the CFSPH website for mobile adaptation and responsiveness to provide easier access to course materials and website materials

Planning underway to improve Day One platform to meet growing needs

12. Additional comments regarding your report: