

OIE Collaborating Centres Reports Activities

Activities in 2021

This report has been submitted : 2022-01-19 06:54:09

Title of collaborating centre:	Day-One Veterinary Competencies and Continuing Education
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ToR: To provide services to the OIE, in particular within the region, in the designated specialty, in support of the implementation of OIE policies and, where required, seek for collaboration with OIE Reference Laboratories

ToR: To identify and maintain existing expertise, in particular within its region

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

Training, capacity building	
Title of activity	Scope
Transboundary and Emerging Diseases of Animals an online course.	Online course used by all US veterinary schools to provide training on transboundary animal diseases and for initial accreditation training. 4689 users in 43 separate courses. Also used for continuing education with 209 participants in 1 course in 2021
Day 1 Platform for Veterinary Education	This is a Bill and Melinda Gates Foundation funded project to improve education related to the OIE Day One Competencies. The Platform was launched in 2020 for use at University of Gondar in Ethiopia and the Royal University of Agriculture in Cambodia. 146 users are registered on the Platform; 86 from the two universities in Ethiopia and Cambodia. 342 files have been downloaded by the two universities; each file downloaded may be used by multiple faculty members. 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.
Zoonoses: Protecting People and Animals in Rural Communities	This new course addresses zoonotic diseases of agricultural animals - cattle, sheep, goats, pigs, equids, and poultry - with a focus on prevention measures to protect human and animal health. 2666 users in 2021.
African Swine Fever and Transboundary Animal Disease course (English and Spanish language versions available)	This course is a collaboration between the Instituto Interamericano de Cooperación para la Agricultura (IICA), USDA, and CFSPH. The course is designed to increase the competencies of veterinarians and other animal health professionals to identify, prevent, respond, control and eradicate African swine fever. The course was available in Spanish and English and had 1067 users with 666 individuals successfully completing the courses and earning certificates in 2021.
Bring Home the Blue, Not the Flu: online courses	Targeted to youth aged 13-18, one course teaches showmanship and animal involvement along with zoonotic disease risks and preventive measures. A second course targeted to 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. In 2021, 1002 users took the course for youth aged 13-18 and 686 users took the course for youth aged 7-12. 3,325 users visited the course website. A Spanish language version is under development.
Zoonoses: Protecting People and Their Pets online course	Offered to veterinarians, physicians and public health professionals, 14 users in 2021

Animal Disease Emergencies: Understanding the Response	A four hour awareness level web-based course on detection and response for high consequence livestock and poultry emergency situations. 17 users in 2021
Enfermedades Transfronterizas de los Animales	Spanish language version of the Transboundary and Emerging Diseases of Animals course. 63 users in two courses.
Fact Sheets for Transboundary Animal Diseases	147 English fact sheets, downloaded 468,726 times in 2021; 138 Spanish fact sheets downloaded 702,880 times; 44 Portuguese fact sheets downloaded 62,218 times; and 11 French fact sheets downloaded 3,293 times in 2021.
One page fact sheets for the general public	89 English downloaded 220,671 times in 2021; 67 Spanish downloaded 133,686 times in 2021
Annotated images of animal diseases	401 images, viewed 84,447 times in 2021
Working with the OIE Central Bureau to develop guidelines and advanced guidelines for the OIE Platform for the Training of Veterinary Services	Lead a working group of five OIE Collaborating Centers in the development of guidance documents, including minimum requirements and advanced practices, to provide a framework for the development of quality e-Learning modules for the OIE Training Platform.

ToR : To propose or develop methods and procedures that facilitate harmonisation of international standards and guidelines applicable to the designated specialty

2. Proposal or development of any procedure that will facilitate harmonisation of international regulations applicable to the surveillance and control of animal diseases, food safety or animal welfare

Proposal title	Scope/Content	Applicable area
Development of Educational Materials to Improve Veterinary Education on the OIE Day One Competencies	The Bill and Melinda Gates Foundation provided funds to develop an online platform for use by veterinary education establishments to better train students on the concepts in the OIE Core Curriculum and the Day One Competencies. The platform is built and populated with content for two OIE Core Courses and four Day One Competencies and was used by two VEEs. Additional funding was received and more content will be added and use of the platform will be expanded in 2022-2023.	<input checked="" type="checkbox"/> Surveillance and control of animal diseases <input checked="" type="checkbox"/> Food safety <input checked="" type="checkbox"/> Animal welfare
African Swine Fever and Transboundary Animal Disease Course	This course is a collaboration between the Instituto Interamericano de Cooperación para la Agricultura (IICA), USDA, and CFSPH. The course is designed to increase the competencies of veterinarians and other animal health professionals to identify, prevent, respond, control and eradicate African swine fever. The course was available in Spanish and English	<input checked="" type="checkbox"/> Surveillance and control of animal diseases <input type="checkbox"/> Food safety <input checked="" type="checkbox"/> Animal welfare
Enfermedades Transfronterizas de los Animales course	Spanish language version of Transboundary Animal Diseases course	<input checked="" type="checkbox"/> Surveillance and control of animal diseases <input type="checkbox"/> Food safety <input checked="" type="checkbox"/> Animal welfare

WAHIS Focal Point Training	Working with OIE Central Bureau to evaluate online training for WAHIS focal points.	<input checked="" type="checkbox"/> Surveillance and control of animal diseases <input type="checkbox"/> Food safety <input type="checkbox"/> Animal welfare
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ToR: To establish and maintain a network with other OIE Collaborating Centres designated for the same specialty, and should the need arise, with Collaborating Centres in other disciplines

ToR: To carry out and/or coordinate scientific and technical studies in collaboration with other centres, laboratories or organisations

3. Did your Collaborating Centre maintain a network with other OIE 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, MN, USA	<input type="checkbox"/> Africa <input checked="" type="checkbox"/> Americas <input type="checkbox"/> Asia and Pacific <input type="checkbox"/> Europe <input type="checkbox"/> Middle East	Collaborate on OIE Platform for Training of Veterinary Services Collaborate on projects funded by the Gates Foundation
Instituto Zooprofilattico Sperimentale dell'Abruzzo e del Molise	Italy	<input type="checkbox"/> Africa <input type="checkbox"/> Americas <input type="checkbox"/> Asia and Pacific <input checked="" type="checkbox"/> Europe <input type="checkbox"/> Middle East	Collaborate on OIE Platform for the Training of Veterinary Services
Ecole Nationale des Services Veterinaires	France	<input type="checkbox"/> Africa <input type="checkbox"/> Americas <input type="checkbox"/> Asia and Pacific <input checked="" type="checkbox"/> Europe <input type="checkbox"/> Middle East	Collaborate on OIE Platform for the Training of Veterinary Services
Center National de Veille Zoo Sanitaire de Tunis	Tunisia	<input checked="" type="checkbox"/> Africa <input type="checkbox"/> Americas <input type="checkbox"/> Asia and Pacific <input type="checkbox"/> Europe <input type="checkbox"/> Middle East	Collaborate on OIE Platform for the Training of Veterinary Services
Chiang Mai University Veterinary Public Health Center	Thailand	<input type="checkbox"/> Africa <input type="checkbox"/> Americas <input checked="" type="checkbox"/> Asia and Pacific <input type="checkbox"/> Europe <input type="checkbox"/> Middle East	Collaborate on OIE Platform for the Training of Veterinary Services

Centro Buenos Aires para la Capacitación de los Servicios Veterinarios	Argentina	<input type="checkbox"/> Africa <input checked="" type="checkbox"/> Americas <input type="checkbox"/> Asia and Pacific <input type="checkbox"/> Europe <input type="checkbox"/> Middle East	Collaborate on OIE Platform for the Training of Veterinary Services
Ecole Inter Etats des Science et Médecine Veterinaries of Dakar	Senegal	<input checked="" type="checkbox"/> Africa <input type="checkbox"/> Americas <input type="checkbox"/> Asia and Pacific <input type="checkbox"/> Europe <input type="checkbox"/> Middle East	Collaborate on OIE Platform for the Training of Veterinary Services
Pan American Health Organization	Brazil	<input type="checkbox"/> Africa <input checked="" type="checkbox"/> Americas <input type="checkbox"/> Asia and Pacific <input type="checkbox"/> Europe <input type="checkbox"/> Middle East	Collaborate on OIE Platform for the Training of Veterinary Services
OIE Central Bureau	Paris	<input type="checkbox"/> Africa <input type="checkbox"/> Americas <input type="checkbox"/> Asia and Pacific <input checked="" type="checkbox"/> Europe <input type="checkbox"/> Middle East	Collaborate on OIE Platform for the Training of Veterinary Services
OIE Central Bureau	Paris	<input type="checkbox"/> Africa <input type="checkbox"/> Americas <input type="checkbox"/> Asia and Pacific <input checked="" type="checkbox"/> Europe <input type="checkbox"/> Middle East	WAHIS Training

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

No

ToR: To place expert consultants at the disposal of the OIE.

5. Did your Collaborating Centre place expert consultants at the disposal of the OIE?

Yes

Name of expert	Kind of consultancy	Subject
James Roth, Molly Lee, Jane Galyon	OIE Platform for Training Veterinary Services	Role of collaborating centers in the platform, development of basic and advanced guidelines for platform content
Kevan Flaming, Victoria Lenardon, Jane Galyon	Review of WAHIS training for OIE	E-learning advice and technical support

Victoria Lenardon	Consulted with OIE Regional Office of the Americas on development and delivery of ASF training	Development/Delivery of training in the Americas
James Roth, Molly Lee	Ad hoc group on Veterinary Emergencies	The primary focus of the WG was to identify core competencies relating to emergency management for veterinary graduate education (to inform day one and advanced core competencies) and post graduate education.

ToR: To provide, within the designated specialty, scientific and technical training to personnel from OIE Member Countries

6. Did your Collaborating Centre provide scientific and technical training, within the remit of the mandate given by the OIE, to personnel from OIE Member Countries?

Yes

a) Technical visits: 0

b) Seminars: 8

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
2. ASF and Transboundary Animal Disease Training	Spanish and English language course on ASF and Transboundary Animal Diseases	Argentina, Brazil, Chile, Paraguay, Uruguay, Trinidad Tobago, Belize, Jamaica, Cayman Islands, Dominia, Saint Martin, Virgin Islands, Saint Lucia, French Guiana, Saint Kitts and Nevis, Anguilla, Bonaire, Costa Rica, Honduras, Mexico, Nicaragua, El Salvador, Guatemala, Panama, Colombia, Bolivia, Ecuador, Peru, Venezuela	1067
2. Day 1 Platform	Day 1 Platform for Veterinary Education	Ethiopia and Cambodia	86
2. Enfermedades Transfronterizas de los Animales	Spanish version of Transboundary Animal Disease Course	Nicaragua, multiple countries	63
2. Transboundary and Emerging Diseases of Animals/Initial Accreditation Training	For veterinary students and continuing education	US	4898

2. Zoonoses: Protecting People and Animals in Rural Communities	Educating clients on zoonoses in rural areas	US, Argentina, Australia, Brazil, Canada, Cuba, Finland, Grenada, Guyana, Israel, India, Jamaica, Mexico, Nigeria, New Zealand, Philippines, Trinidad and Tobago, Tanzania plus many other countries with less than 10 users per country	2666
2. Zoonoses: Protecting People and their Pets	For veterinary and medical professionals	US and Spain	9
2. Animal Disease Emergencies	4 hour course for responders	US, New Zealand	16
2. Bring Home the Blue, Not the Flu	Two online courses for youth in animal agriculture	US	3325

ToR: To organise and participate in scientific meetings and other activities on behalf of the OIE

7. Did your Collaborating Centre organise or participate in the organisation of scientific meetings on behalf of the OIE?

No

ToR: To collect, process, analyse, publish and disseminate data and information relevant to the designated specialty

8. Publication and dissemination of any information within the remit of the mandate given by the OIE that may be useful to Member Countries of the OIE

a) Articles published in peer-reviewed journals: 0

b) International conferences: 6

Lee, M. OIE Guidelines for the Development of e-Modules: Advanced Practices. OIE Platform for the Training of Veterinary Services- 6th Meeting of the Platform Governance, Paris, France (virtual); December 9, 2021.

Lee, M. Day 1 Platform for Veterinary Education Update. University of Gondar, Gondar, Ethiopia (virtual); December 1, 2021.

Lee, M. Overview of the Day 1 Platform for Veterinary Education. The 1st OIE Sub-Regional Virtual Workshop on Veterinary Education Establishment (VEE) Accreditation; Bangkok, Thailand (virtual); September 6, 2021.

Lee, M. OIE Guidelines for the Development of e-Modules. OIE Platform for the Training of Veterinary Services- 5th Meeting of the Platform Governance, Paris, France (virtual); April 29, 2021.

Lee, M. Day 1 Platform for Veterinary Education Update. University of Gondar, Gondar, Ethiopia (virtual); January 15, 2021.

Lee, M. Day 1 Platform for Veterinary Education Update. Royal University of Agriculture, Phnom Penh, Cambodia (virtual); January 14, 2021

c) National conferences: 4
2021 Invited Webinars

Roth, J. Coalition for Epi Response, Engagement and Science (CERES), Biosecurity, Infectious Disease, and the Animal-Human Interface webinar. "National Panzootic Plans for Livestock". January 28, 2021,

Roth, J. 2021 National Veterinary Summer Scholars Symposium. Keynote Presentation: "Infectious disease control through research, policy development, and education". August 5, 2021.

Roth, J. American Association for the Advancement of Science Charles Valentine Memorial Lecture (virtual). "Zoonotic Diseases of Food Animals Threaten Global Food Security and Public Health". August 24, 2021.

Lee, M. Bring Home the Blue, Not the Flu! 2021 Influenza and Zoonoses Education Among Youth in Agriculture All-Site Call. Atlanta, GA (virtual); July 27, 2021.

d) Other

(Provide website address or link to appropriate information): 13

www.cfsph.iastate.edu

www.cfsph.iastate.edu/courses

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

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

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

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

www.cfsph.iastate.edu/product/veterinary-immunology-courses

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

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

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/

9. Additional comments regarding your report:

The COVID 19 pandemic impacted our Collaborating Center in that international and national travel activities related to outreach for activities in the Americas, Ethiopia, and Cambodia were unable to occur. We are successfully using virtual technologies to continue to make progress on our projects. The online courses and resources that we are providing were heavily used in 2021.