World Organisation for Animal Health (OIE)

P. Gary Egrie, VMD
U.S. Department of Agriculture
Animal and Plant Health Inspection Service
Veterinary Services
2014

Safeguarding Animal Health
Can you name the disease?

Hint: It was declared eradicated in 2011
World Organisation for Animal Health
The OIE was founded to:

☑ inform
☑ coordinate
☑ harmonize standards

Safeguarding Animal Health
History

• 1924 – established (28 countries)
• 1976 – USA joins the organization
• 1994 - designated by the WTO as the scientific reference body for animal health
• 2014 – 180 Member countries
  • One country - One vote
  • CVO is delegate to OIE
Animal and Plant Health Inspection Service

APHIS mission: To protect the health and value of American agriculture and natural resources

Veterinary Services
Duties: Animal Health
Deputy Administrator – Dr. John Clifford

Animal Care
Duties: Animal Welfare
Deputy Administrator - Dr. Chester Gipson
New Mandates of the OIE

• Animal Welfare

• Animal Production Food Safety
  – Farm up to slaughter

• Veterinary Infrastructure
  – Capacity building in animal health
  – PVS pathway (Performance of the Veterinary Services)
OIE and Animal Welfare

- Identified as a priority in 2001
- Recognizing the link AW-Animal Health
  - Science based and outcome focused
OIE Guidelines developed

- Transport (air, sea and land)
- Slaughter (slaughtering and disease outbreak)
- Stray dog control
- Laboratory animals
- Welfare of farmed fish (transport, slaughter)
- Beef Cattle Welfare (2012)
- Broiler Welfare (2013)
CHAPTER 7.8.
USE OF ANIMALS IN RESEARCH AND EDUCATION

Definition
Scope
The Three Rs
The oversight framework
Assurance of training and competency

Provision of veterinary care
Source of animals
Physical facility and environmental conditions
Husbandry
Transportation

Safeguarding Animal Health
CHAPTER 7.8.
USE OF ANIMALS IN RESEARCH AND EDUCATION

CHAPTER 5.13.
MODEL VETERINARY CERTIFICATE FOR INTERNATIONAL TRADE IN LABORATORY ANIMALS

Veterinary Services
Safeguarding Animal Health
OIE’s future work on Animal Welfare

- Livestock production systems
  - Dairy production (2015?)
  - Swine production
  - Egg Layers
Director General

Specialist Commissions
Terrestrial, Laboratories,
Aquatic animals, Scientific

Central Bureau

Administrative and Financial Department
Animal Health Information Department
International Trade Department
Scientific and Technical Department
Regional Activities Department
Publications Department

Safeguarding Animal Health
## Specialist Commissions

<table>
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<tr>
<th>Commission</th>
<th>President</th>
<th>Vice President</th>
<th>Secretary</th>
<th>Member</th>
<th>Member</th>
<th>Member</th>
</tr>
</thead>
<tbody>
<tr>
<td>Terrestrial</td>
<td>Thiermann (USA)</td>
<td>Bonbon (France)</td>
<td>McDiarmid (NZ)</td>
<td>Caetano (Brazil)</td>
<td>Hamani (Sudan)</td>
<td>Tsuitsui (Japan)</td>
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<tr>
<td>Aquatic</td>
<td>Berthe (France)</td>
<td>Chie (China)</td>
<td>Vidal (Mexico)</td>
<td>Gallardo (Chile)</td>
<td>Hjeltnes (Norway)</td>
<td>Ernst (Australia)</td>
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<tr>
<td>Laboratory</td>
<td>Caporale (Italy)</td>
<td>Chen (China)</td>
<td>Rivero (Uruguay)</td>
<td>Schmitt (USA)</td>
<td>Townsend (UK)</td>
<td>Daniels (Australia)</td>
</tr>
<tr>
<td>Scientific</td>
<td>Bruckner (So.Af)</td>
<td>DeClercq (Belgium)</td>
<td>Kim (Korea)</td>
<td>Duffy (Argent)</td>
<td>Mettenleiter (Germany)</td>
<td>Aidaros (Egypt)</td>
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Safeguarding Animal Health
Specialist Commissions
Terrestrial, Laboratories,
Aquatic animals, Scientific
World distribution of the OIE-Collaborating Centres

OIE-Collaborating centres
- 1 collaborating centre
- 2 or 3 collaborating centres
- More than 3 collaborating centres
- no OIE-collaborating centre

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<th><strong>CEAH</strong></th>
<th>Animal Disease Surveillance Systems, Risk Analysis and Epidemiological Modelling</th>
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<td><strong>STATE</strong></td>
<td>Diagnosis of Animal Diseases and Vaccine Evaluation in the Americas</td>
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<td><strong>CDC</strong></td>
<td>Emerging and Re-Emerging Zoonotic Diseases</td>
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<td><strong>ILAR</strong></td>
<td>Laboratory Animal Welfare and Science</td>
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<tr>
<td><strong>as</strong></td>
<td>Research on Emerging Avian Diseases</td>
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<td><strong>USGS</strong></td>
<td>Research, Diagnosis and Surveillance of Wildlife Pathogens</td>
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<td><strong>FDA</strong></td>
<td>Veterinary Drug Regulatory Programmes</td>
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<td><strong>University of Minnesota</strong></td>
<td>Veterinary Services Capacity Building</td>
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<td><strong>Sandia National Laboratories</strong></td>
<td>Laboratory Bio-Risk Management</td>
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<tr>
<td><strong>TVMDL</strong></td>
<td>Biological Threat Reduction</td>
</tr>
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</table>
World distribution of the OIE-Reference Laboratories

OIE-Reference laboratories:
- 1 or 2 OIE-reference labs
- 3 or 4 OIE-reference labs
- 5 to 10 OIE-reference labs
- More than 10 OIE-reference labs
- No OIE-reference lab

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Infectious bursal disease (Gumboro disease)

Anthrax
- Aujeszky's disease
- Bluetongue
- Contagious equine metritis
- Eastern equine encephalomyelitis
- Equine infectious anaemia
- Highly pathogenic and low pathogenic avian influenza
- Leptospirosis
- Newcastle disease
- Foot and mouth disease

Caprine arthritis/encephalitis
- Equine piroplasmosis
- Maedi-visna
- Marek's disease

Equine rhinopneumonitis
- Equine viral arteritis
- Equine influenza
Specialist Commissions
Terrestrial, Laboratories, Aquatic animals, Scientific

Regional Commissions
Africa, Americas, Europe, Asia-Far East and Oceania, Middle East

Central Bureau

Director General

Collaborating Centres
Reference Laboratories

Administrative and Financial Department
Animal Health Information Department
International Trade Department

Scientific andTechnical Department
Regional Activities Department
Publications Department

Ad hoc Groups Working Groups

Safeguarding Animal Health
Biological Standards (Laboratory) Commission
Scientific Commission

• Develops strategies for disease prevention and control
• Evaluates the diseases status of countries
  – e.g., FMD, BSE
Certificate

Bovine spongiform encephalopathy status of the United States of America

This is to certify that following a recommendation of the OIE Scientific Commission for Animal Diseases, the World Assembly of Delegates of the OIE approved on 30 May 2013 the proposal that the United States of America be classified by the OIE as a country having a negligible risk for bovine spongiform encephalopathy (BSE) in accordance with the OIE Terrestrial Animal Health Code (2012).

This recognition is based on the documentation submitted to the OIE by the Official Veterinary Services of the United States of America. The Delegate of the United States of America to the OIE has the obligation to notify the OIE immediately if there is any change in the epidemiological situation relating to BSE in the United States of America and to confirm annually that the epidemiological situation has remained unchanged, according to the requirements of the OIE Terrestrial Animal Health Code.

Paris, 30 May 2013

Karin Schwabenbauer
President

Bernard Vallat
Director General
Terrestrial and Aquatic Animal Health Standards Commissions

Terrestrial Animal Health Code

Aquatic Animal Health Code
New Code Chapters/ Updating Existing Chapters

- Having new science
- Correcting an error
- Identifying a need

Safeguarding Animal Health
Developing or updating OIE Standards

1. **Need Identified**

2. **Specialist Commission**
   - Review
   - Advice of experts or other Specialist Commissions
   - Draft text

3. **Comments**

4. **World Assembly**
   - Adoption

5. **OIE INTERNATIONAL STANDARD**

6. **DELEGATES**
US input and participation
Where are these chapters posted?

  - OIE chapters open for comment
  - U.S. comments
  - OIE chapters up for adoption
Thank you. Questions?