

Emerging Diseases Council Report

2017 NIAA Annual Conference

Wednesday, April 5, 2017



The Emerging Diseases Council met on Wednesday, April 5, 2017 from 8:00 a.m. to 11:30 p.m. during the 2017 NIAA Annual Conference in Columbus, Ohio, with approximately 30 people present. Drs. Carla Huston and Julie Smith served as Co-Chairs.

The Emerging Diseases Council session focused on a One Health theme with presentations on recent disease outbreaks in the US as well as an international capacity-building program that will help identify the emerging threat of antimicrobial resistant pathogens. The following speakers presented relevant information pertaining to New World Screwworm, Bovine Tuberculosis, Influenza A Virus, and global antimicrobial resistance monitoring programs.

Michael Short, DVM, State Veterinarian/Director, Division of Animal Industry, Florida Dept. of Agriculture and Consumer Services, presented on “Update: New World Screwworm (NWS).” He provided a history of New World Screwworm eradication in the United States and an overview of how the state of Florida, along with multiple other state and federal partners, dealt with the NWS outbreak in Key Deer in 2016-2017.

Andy Bowman, DVM, PhD – Assistant Professor, Veterinary Preventive Medicine, The Ohio State University College of Veterinary Medicine, presented on “Emergence of Influenza A in Agricultural Fairs.” He discussed the public health issues surrounding the emergence and circulation of influenza A viruses in the exhibition and commercial swine populations. Dr. Bowman described a number of studies that have been performed in Ohio and surrounding states to better understand the amplification and spread of the virus.

Bret Marsh, DVM – State Veterinarian, Indiana State Board of Animal Health, presented on “Bovine Tuberculosis: Indiana’s Progress Report.” He provided a history of Bovine Tuberculosis outbreaks in Indiana and an overview of how the Indiana Board of Animal Health, along with multiple other state and federal partners, is carrying out its ongoing surveillance program in the targeted areas.

Armando E. Hoet, DVM, PhD, Dipl, ACVPM – Director, Veterinary Public Health Program, Dept. of Veterinary Preventive Medicine, The Ohio State University, presented on “Caribbean Integrated Surveillance System on Antimicrobial Resistance in Agriculture.” He described the development and implementation of an antimicrobial resistance monitoring program in seven Caribbean countries based on targeted sampling for *Salmonella*. He highlighted that one successful outcome of the program was bringing together the animal and public health officials within each country.

Old Business:

- Discussed the response of the National Assembly of State Animal Health Officials to resolution ED8 National Reportable Disease Database. Officials responded that the information already exists on the USDA website and expressed concern with keeping a new database current. No further action was taken at this time.

New Business:

- Two new resolutions were accepted (EDx and EDy) and one resolution (ED1) was allowed to sunset.
- No Action Items were presented.
- Consensus Points for NIAA White Paper Development
 - 1) Foreign and emerging animal diseases such as screwworm and tuberculosis continue to threaten the U.S. livestock population.
 - 2) Many emerging or reemerging diseases of animals are also of public health concern and require coordinated response efforts.
 - 3) It is important to engage communities in response efforts through education and cooperation.
 - 4) Building international capacity for monitoring and surveillance activities will promote both animal and public health

General Discussion:

- No further items discussed.

Emerging Diseases Council Session adjourned at 11:30 am.