

## Wednesday May 10 Veterinary Category Day

Veterinary                      **Veterinary Category Update**  
5/10/2023 08:00              *CAPT Tom Thomas, CPO, Veterinary Category, USPHS*  
5/10/2023 08:30

This presentation will provide updates from the USPHS Veterinary Category over the past year.

At the end of this session attendees will be able to:

1. Describe the accomplishments that the Veterinary Category met.
2. List the challenges of Recruitment and Retention of the Veterinary Category.
3. Describe the goals set forth for the Veterinary Category for the upcoming year.

Veterinary                      **USDA FSIS *Salmonella* Initiative**  
5/10/2023 08:35              *RDML Kis Robertson Hale*  
5/10/2023 09:05

FSIS is the public health agency in U.S. Department of Agriculture (USDA) whose mission is to ensure that meat, poultry, and egg products are safe, wholesome, and properly labeled. As a public health agency, we continually review and optimize our policies and practices to best protect consumers from foodborne illness. Examples include past illness outbreaks caused by Shiga toxin-producing *E. coli* (STEC) in beef and *Listeria monocytogenes* in ready-to-eat products that prompted the Agency to respond with regulations and policies that resulted in substantial decreases in human illnesses due to these pathogens. While FSIS has had a similar goal of reducing *Salmonella* infections linked to poultry products, we have not seen the same level of success with our current approach.

In October of 2021, USDA announced a re-evaluation of its strategy for controlling *Salmonella* in poultry. FSIS began a comprehensive look at its existing strategy and, in October 2022 released a regulatory framework for controlling *Salmonella* contamination in a way that will reduce illnesses. The framework was shaped by months of information-gathering and discussions with a wide range of stakeholders, researchers, and scientists.

FSIS gathered scientific evidence relevant to the approaches presented in this framework. The National Advisory Committee on Microbiological Criteria for Foods (NACMCF) was charged with providing guidance on what types of microbiological criteria FSIS might use to better prevent *Salmonella* infections associated with poultry products. FSIS completed a risk profile for pathogenic *Salmonella* subtypes in poultry and collaborated on quantitative risk assessments for *Salmonella* in chicken and turkey to address key risk management questions associated with this framework. FSIS also expanded its exploratory sampling program for young chicken carcasses to generate microbial data to help inform future policies. Updates on these and other efforts will be provided at this meeting.

2023 USPHS Scientific and Training Symposium  
Agenda

At the end of this session attendees will be able to:

1. Explain *Salmonella* in poultry products
2. Discuss actions taken by USDA FSIS to reduce foodborne illnesses due to *Salmonella* and attributed to poultry
3. List pre- and post-harvest mitigations that can reduce *Salmonella* in poultry and poultry products

Veterinary                      **American Veterinary Medical Association (AVMA) Update**  
5/10/2023 09:10              *Dr. Jose Arce*  
5/10/2023 09:40

This presentation will provide updates from the AVMA related to legislative changes and future initiatives to support veterinary medicine and public health.

At the end of this session attendees will be able to:

1. Describe important upcoming legislative initiatives.
2. Review updates on Diversity, Equity, Inclusion Initiatives.
3. Describe updates on incoming class sizes, cost of education and current debt of students.

Veterinary                      **Capture-Recapture Methodology to Estimate the Amount of Rabies Post-Exposure Prophylaxis (PEP) Administered Annually—Nebraska, 2012–2020 with Bat Variant**  
5/10/2023 09:45              *CAPT Bryan Buss, Career Epidemiology Field Officer (CEFO), CDC*  
5/10/2023 10:15

This presentation will provide findings of a project in Nebraska to estimate statewide annual per capita rates of rabies post-exposure prophylaxis (PEP) administration using capture-recapture methodology using two independent but incomplete data sources.

At the end of this session attendees will be able to:

1. Identify the various animal species involved with rabies exposure events in Nebraska for which post-exposure prophylaxis (PEP) was recommended.
2. Explain capture-recapture methodology using rabies program and immunization registry datasets for estimating statewide number and rates of PEP events.
3. Describe how Nebraska compares with nationwide estimates of PEP administered per capita and numbers of bats tested for rabies annually.

Veterinary                      **The National Antimicrobial Resistance Monitoring System (NARMS)**  
5/10/2023 10:20              *CDR Catherine Rockwell, DVM, MPH, CPH, Dipl. ACVPM, Senior Public Health Advisor, USDA Food Safety and Inspection Service*  
5/10/2023 10:50

This presentation will provide an overview of the National Antimicrobial Resistance Monitoring System (NARMS), a national surveillance system which monitors changes in the antimicrobial susceptibility of enteric bacteria found in clinical, retail, and food animal samples in the US.

2023 USPHS Scientific and Training Symposium  
Agenda

At the end of this session attendees will be able to:

1. Explain how federal, state, and local public health partners collaborate to track changes in antimicrobial susceptibility of enteric bacteria.
2. Explain the implications of antibiotic resistance as a global public health threat.
3. Describe how NARMS data is used to guide efforts to reduce and prevent the spread of resistance and resistant bacteria.

Exhibits                      **Break in Exhibit Hall**  
5/10/2023 11:00  
5/10/2023 13:00

Please join us in the exhibit hall to meet our sponsor and exhibitors. You can view who is attending and where to find them in the Sponsor, Exhibitor, and Map sections of the app.

Veterinary                      **Veterinary Luncheon**  
5/10/2023 13:00  
5/10/2023 14:30

Veterinary                      **One Health Global Workforce Capacity Development**  
5/10/2023 14:30  
5/10/2023 15:00

This presentation will provide updates on the application of One Health principles in global Field Epidemiology Training Programs (FETP) and how veterinarians, physicians, and many other disciplines are training together to strengthen surveillance systems and outbreak response and preparedness.

At the end of this session attendees will be able to:

1. Discuss One Health and its application in global public health trainings
2. Describe how other countries have operationalized One Health in their trainings and surveillance systems
3. Highlight the benefits of multisectoral collaboration in outbreak prevention and response

Veterinary                      **One Health Capacity Building and SARS-CoV-2 Surveillance at the Human-Animal-Environment Interface**  
5/10/2023 15:05  
5/10/2023 15:35                      *CAPT Bryan Buss, Career Epidemiology Field Officer (CEFO), CDC*

One Health Capacity Building and SARS-CoV-2 Surveillance at the Human-Animal-Environment Interface in Nebraska, 2022 This presentation will provide an update on One Health capacity building efforts in Nebraska including findings of SARS-CoV-2 testing among a wide range of animal species during 2022 and 2023.

At the end of this session attendees will be able to:



2023 USPHS Scientific and Training Symposium  
Agenda

This will be an interactive session for senior veterinary officers to speak to career progression and advice while providing a platform for discussion with junior veterinary officers.

At the end of this session attendees will be able to:

1. Describe best practices for officers early in USPHS and veterinary career.
2. Review components of promotion package, recent updated to policy, and upcoming changes
3. Explain roles/responsibilities in respective agency and aspects of leadership and management.

Veterinary

5/10/2023 17:20

5/10/2023 17:30

**Veterinary Closing Remarks**