

Animal Industry Division Hawaii Dept. of Agriculture

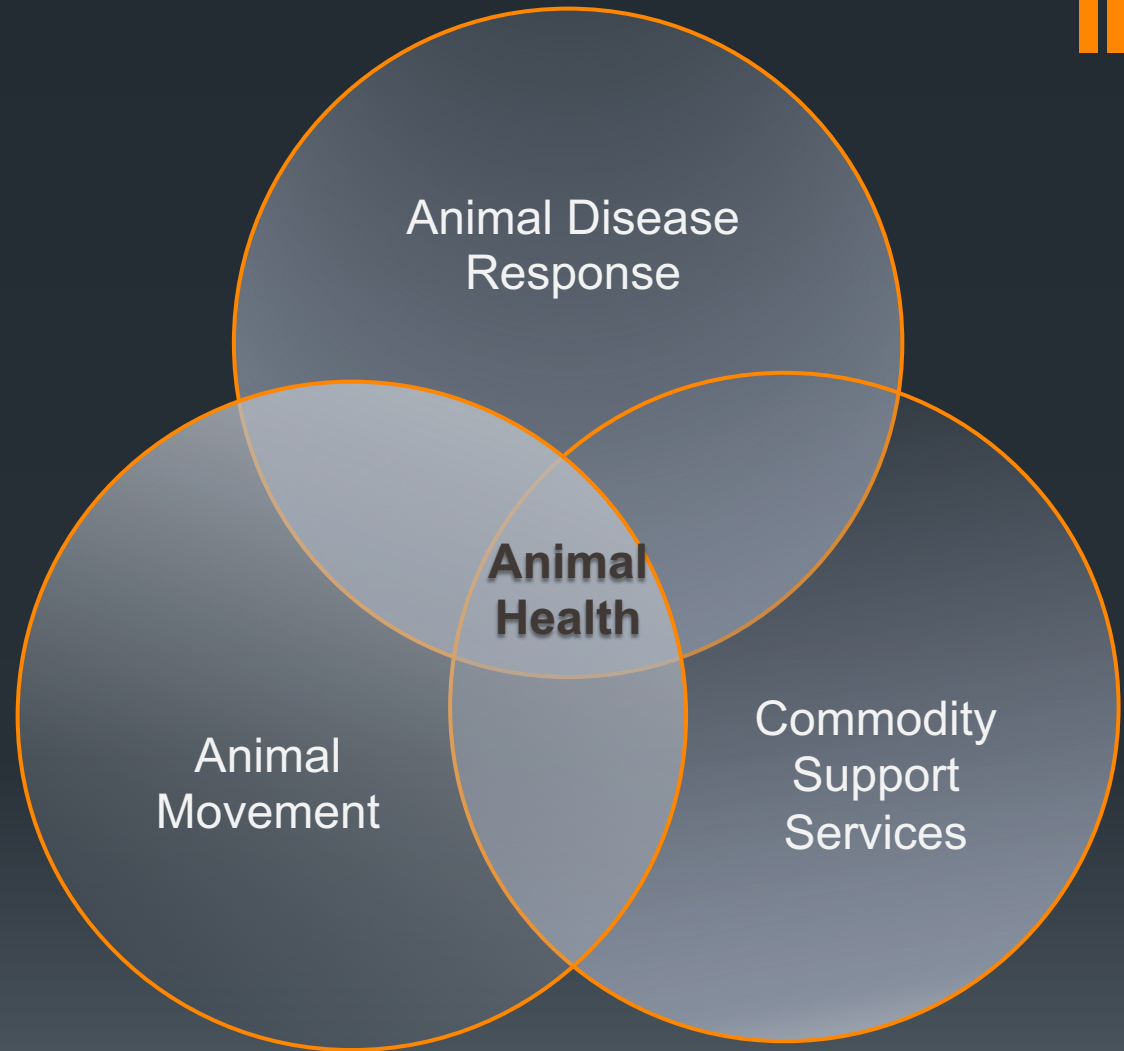
Raquel Wong, DVM



Animal Industry Division

Mission

Safeguard State animal industries against diseases and pests of high consequence that impact commerce and public health.

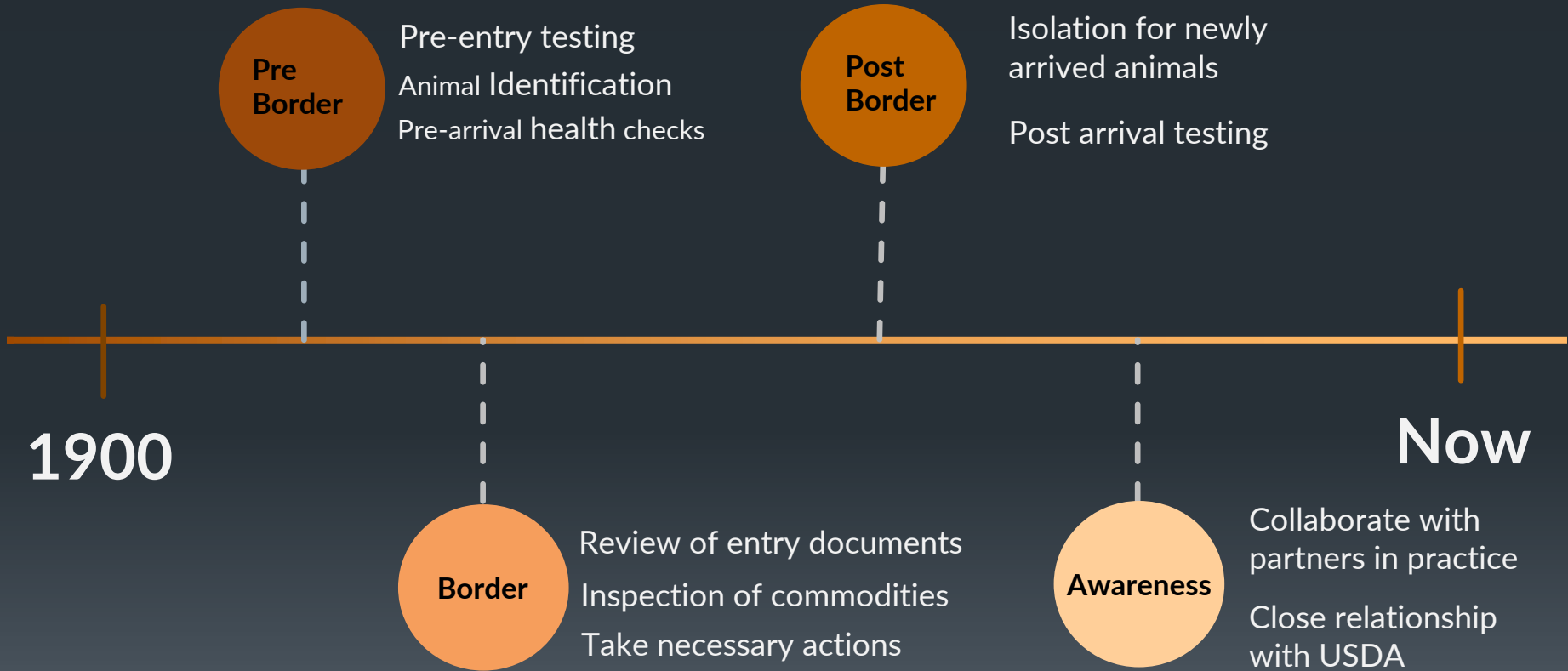


Chronic Wasting Disease in Deer

- No detections have occurred in Hawaii
- DLNR Forestry and wildlife has not reported in detections in Hawaii
- First detected in the United States in Colorado in 1967.
- Associated with prions occurring in the brain that cause damage
- Clinically, deer are unsteady and stop eating and drinking normally leading to death.
- USDA has provided funding to Wildlife services across several states to determine the how disease is moving through deer populations.



Biosecurity Tasks

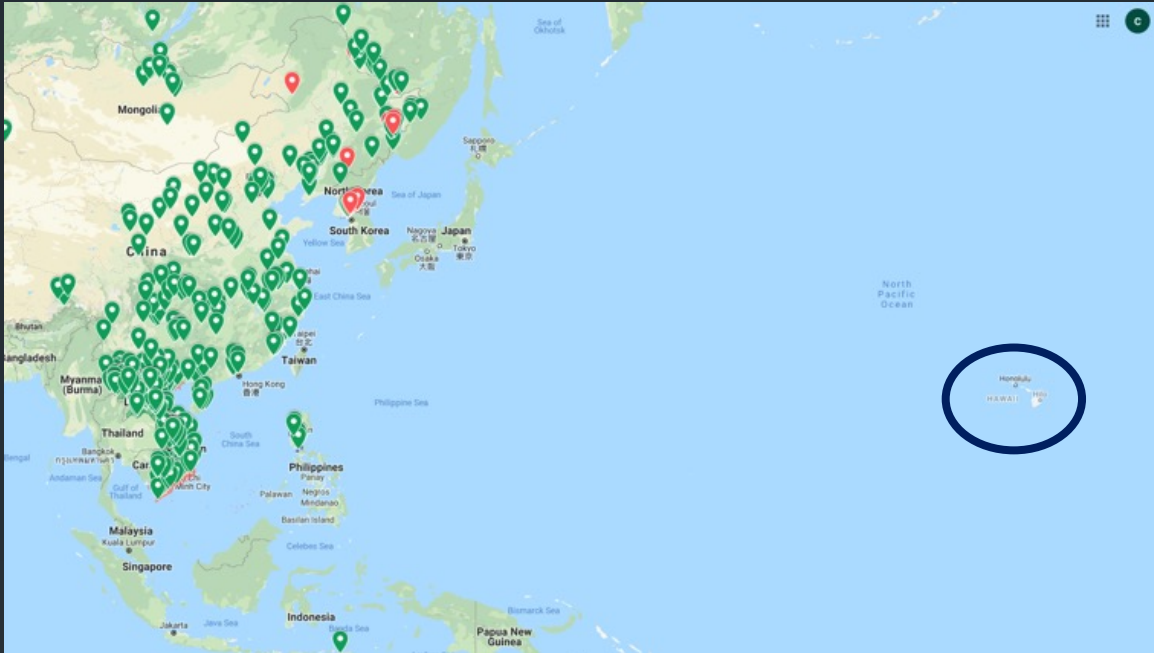


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Now

Emerging threats

African Swine Fever (ASF)– Foreign Animal Disease



Potential Entry Points



- ASF disease only infects swine and is 100% fatal.
- Protecting the United States from introduction has been a priority since 2018.
- U.S. Pork Industry has current value of \$28 billion
- ASF disease will cost \$15 billion in the first 2 yrs if does not infect feral swine.
- All states (including Hawaii) practice active testing and educate producers about protective biosecurity practices

Emerging threats



Highly Pathogenic Avian Influenza (HPAI) -Foreign Animal Disease



- Chickens and turkeys are highly susceptible to disease
- Some bird species have little to no symptoms
- United States has spent \$661 M in response since 2022
- Animal Industry Division conducts testing and disease investigations to detect HPAI
- Hawaii is one of 3 states with no reports of HPAI
 - Virus likes temperatures below 70 ° F



Migratory flyway for Golden Plovers

Emerging threats

Exotic Ticks

Pre-entry requirements:

Livestock: Sprayed with labeled tick insecticide and sprayed again on arrival

Dogs/cats: Long acting ectoparasite insecticide

Hawaii does not have these tick species



American Dog Tick



Lone Star Tick

CY 2023

- Staff detected ticks on 15 mammals at arrival
- 9 detections were exotic ticks,
- 5 detections had endemic ticks



Asian Longhorned Tick












Rocky Mountain Wood Tick



Deer Tick

Import Inspection FY 2023

Species Category	Number of Inspections
 Non-poultry bird	2,906
 Poultry	180,146
 Poultry hatching eggs	319,880
 Pocket pets	3,939
 Zoo animals	16
 Reptiles	1,309
 Livestock	605
 Dogs	15,965
 Cats	3,677
Total	528,443

Any Questions?



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