



**CONTINUING EDUCATION CERTIFICATE**  
**WDA 73<sup>rd</sup> International Conference (Victoria BC, Canada)**  
**July 28 – August 1, 2025**

This is to certify that \_\_\_\_\_ has attended the 2025 WDA 73<sup>rd</sup> International Conference and is eligible to receive the following continuing education credits:

<b><u>LECTURES &amp; WORKSHOP</u></b>	<b>Credit Hours</b>	<b>Attended</b>
<b><u>Sunday, July 27, 2025</u></b>		
Oiled Wildlife Readiness and Response: Conservation, Command Capture & Care	9.0	_____
<b><u>Monday, July 28, 2025</u></b>		
<b><u>Keynote Speaker 9:15-10:00</u></b>		
From Conservation to Action - A Global Perspective	0.75	_____
<b><u>Avian Influenza Session 10:45-12:00</u></b>		
The plight of skuas: The impact of H5Nx avian influenza on Antarctica's iconic predators	0.25	_____
Highly pathogenic avian influenza virus outbreak in birds of prey from Quebec, Canada	0.25	_____
Long-term temporal dynamics of influenza A virus antibodies in black vultures	0.25	_____
Utilizing serology to better understand highly pathogenic avian influenza in wildlife	0.25	_____
Highly Pathogenic Avian Influenza (HPAI) in Canadian Species at Risk	0.25	_____
<b><u>Collective Action and Collaboration Session 10:45-12:00</u></b>		
Geographies of <i>Bacillus anthracis</i> Exposure	0.50	_____
Bridging Science and Community: Baird's Tapir Health Investigation in Costa Rica	0.25	_____
By Our Powers Combined: collaboration between Rehabilitators and Researchers	0.25	_____
A multi-species determinant of health approach for nanuk (polar bear) co-management	0.25	_____
<b><u>Mechanisms of Harm Session 10:45-12:00</u></b>		
Investigating Phaeohyphomycosis in Salmonids of Northern Quebec, Canada	0.25	_____
Prevalence, Diversity, and Intensity of <i>Trichinella</i> spp. in Wildlife from Canada and Alaska	0.25	_____
The other shoe drops: <i>S. enterica</i> var Weltevreden in Christmas Island Reptiles	0.25	_____
<b><u>Aquatic Animal and Marine Health I 1:30-3:00</u></b>		
Land use impacts movement and pathogen transmission of a wetland bird	0.25	_____
Emergence of toxoplasmosis in sea otters due to the COUG strain of <i>Toxoplasma gondii</i>	0.25	_____
Identifying a causative agent for sea star wasting disease	0.25	_____
Determining the best predictors of body condition in leatherback turtles	0.25	_____
Is Tularemia an emerging marine zoonosis in Washington marine mammals?	0.25	_____
Contaminants of emerging concern and antimicrobial resistance in Great Lakes fish	0.25	_____
<b><u>Wildlife Rehabilitation 1:30-3:00</u></b>		
Guess what is in my cadaver freezer	0.25	_____
Long-Term Monitoring of Chronic Oiling in California Seabirds	0.25	_____
Wildlife Rehabilitation Facilities, Essential Partners in One Health Networks	0.25	_____
Retrospective Hematological Analysis of Raccoon Dogs with Sarcoptic Mange	0.25	_____
Pre-Release Health & Post-Release Fate of Rehabilitated Macropods	0.25	_____



<u>Aquatic Animal and Marine Health II 3:45-5:00</u>			
Health and food borne parasite assessment of East Beaufort Sea Beluga	0.25		
Survey of pathogens in Antarctic pinnipeds: a decade of health monitoring	0.25		
Dead but not forgotten - Drivers of cetacean necrobiome	0.25		
Using Models for Management Actions for Reducing the Risk of Salmon Disease	0.25		
Autopsy findings in sea otters found along the British Columbia coast from 2000 to 2024	0.25		
<u>Mobilizing Science into Policy Session 3:45-5:00</u>			
Navigating the Policy Ecosystem	1.25		
<u>General Wildlife Health 3:45-5:00</u>			
Participatory wildlife health surveillance in Kenya	0.25		
Framework for assessing chemical immobilization in free-range darted mule deer	0.25		
Bridging the gap: Research opportunities partnering with wildlife rehabilitators	0.25		
Understanding antibody dynamics in the wild	0.25		
How can we get to wildlife health intelligence?	0.25		
<u>Tuesday, July 29, 2025</u>			
<u>Keynote Speaker 8:00-8:30</u>			
Land use and soil characteristics are associated with increased risk of treponeme-associated hoof disease in elk	0.50		
<u>Small Mammals and Vectors Session 8:30-10:00</u>			
Wake up and fight!? Effect of torpor on immunity in eastern bent-winged bats	0.25		
Mosquito and Culicoides vector ecology in swine wallows in Georgia and South Carolina	0.25		
Multi-State Investigation of Pathogen and Contaminant Exposure in Eastern U.S. Muskrat	0.25		
Incriminating vectors of deer malaria at a Florida deer farm	0.25		
Impacts of wildfire on rodents and hantavirus dynamics in the Sierra Nevada mountains	0.25		
<u>Hoofstock Session 10:45-12:30</u>			
An Agent-Based Modeling Approach to Simulating CWD Transmission	0.25		
The next stage of environmental surveillance for chronic wasting disease	0.25		
Development of an experimental infection model for an emergent hoof disease in elk	0.25		
Investigating Pestivirus Infections in Barren-Ground Caribou	0.25		
<u>Non-Mammalian Session 1:30-3:00</u>			
Harbor porpoise predation by grey seals in the St. Lawrence Estuary, Québec, Canada	0.25		
Comparative gene expression of three sea star species	0.25		
<u>Spillover and Transmission Session 3:45-5:15</u>			
Surveillance of Invasive Marmosets for Buffy-Tufted Ear Marmoset Conservation	0.25		
Applying Continuum of Care Framework to Convention on Migratory Species Resolutions	0.25		
Feeders, Feathers, and Feces: Prevent Salmonella Infections in Birds and People	0.25		
Gut feelings: Exploring gastrointestinal parasite sharing in Kenya	0.25		
<u>Wednesday, July 30, 2025</u>			
<u>Morning Session 9:15-11:55</u>			
Rabies takes to sea: an outbreak in Cape fur seals in southern Africa	0.50		
The potential threat of <i>Strongyloides</i> spp. to mountain gorillas and public health	0.25		



Methodology and Technique for Preemptive Detection of AI in Wetlands via eDNA	0.25	_____
Primate trafficking in Colombia	0.25	_____
Does anthropogenic disruption underlie CWD's emergence, spread, and persistence?	0.25	_____
Pathogenic Bacteria in Feces of the Hummingbirds in Mexico	0.25	_____

Thursday, July 31, 2025

Invited Speakers 8:30-10:00

Embracing values, uncertainty, and fear to take science-based conservation action	0.75	_____
Role of <i>Mycoplasma ovipneumoniae</i> in the bighorn sheep respiratory complex	0.75	_____

Ecology and Management 10:45-12:00

Flocking for Surveillance: Vulture Movement as a Sentinel for Anthrax Outbreaks	0.25	_____
Patterns, Processes and Prions: Modeling Chronic Wasting Disease Dynamics in Alberta	0.25	_____
Spatial risk of CWD in white-tailed deer	0.25	_____

Policy 10:45-11:45

Regional Coordination Advances Fish and Wildlife Health Across the US	0.25	_____
Building Wildlife Health and Zoonotic Disease Capacity Within and Beyond California	0.25	_____
Managing health risks in translocations of displaced wildlife	0.25	_____
Stronger Together: US-Canada Wildlife Surveillance Initiative for HPAI	0.25	_____

Northern and Mountain Ungulates I 1:30-3:00

Developing field-based assays for the detection of <i>Mycoplasma ovipneumoniae</i>	0.25	_____
Fatal interactions: pneumonia in bighorn lambs following exposure to <i>M. ovipneumoniae</i>	0.25	_____
Cross-sectional serosurvey of sarcoptic mange in wild mountain ungulates in Kyrgyzstan	0.25	_____
Parasite Burden Without Physiological Cost? <i>Fascioloides magna</i> in Austrian Red Deer	0.25	_____
20 years of ungulate disease surveillance by Canadian Wildlife Health Cooperative	0.25	_____
Assessing the health-fitness dynamics of endangered mountain caribou	0.25	_____

Education and Communication 1:30-3:00

WildAlert 2.0: Advancing wildlife disease surveillance with AI-driven anomaly detection	0.25	_____
See one, do one, teach one - global connections in One Health	0.25	_____
Study Abroad Courses are Essential Tools in Creating Health and Disease Practitioners	0.25	_____
Application of immersive technology and other learning approaches in the wildlife sector	0.25	_____

Northern and Mountain Ungulates II 3:45-4:45

Health survey of migratory and Boreal caribou in Quebec and Labrador, Canada	0.25	_____
Neosporosis, an emerging parasitic threat to free-ranging caribou?	0.25	_____
Mathematical models evidence the importance of alternative hosts and environmental transmission for bacterial diseases affecting ungulates in the Arctic	0.25	_____
Enhancing community-based wildlife surveillance by advancing field-friendly methods	0.25	_____

Pathogen Discovery 3:45-5:00

Real-time quaking induced conversion in a state wildlife management agency	0.25	_____
A multi-omics approach to health surveillance and translocation success in pronghorn	0.25	_____
Novel betacoronaviruses in white-footed mice and deer mice	0.25	_____
Botulism, Fermentation, or Something More? Mystery of Lorikeet Paralysis Syndrome	0.25	_____
Accumulation of benzotriazole UV-stabilizers in Larus gulls	0.25	_____

Friday, August 1, 2025

Pathogen Discovery 10:30-11:30

Role of wild coyupu in antimicrobial resistance in the aquatic environment	0.25	_____
<i>Paranannizziopsis</i> infections in garter snakes in the Pacific Northwest	0.25	_____
Microbiomes As Biomarkers Of Health In Wild Carnivores	0.25	_____
Cracking the egg on sea turtle egg fusariosis in leatherback nests	0.25	_____



Ecology and Management 10:15-11:30

Diverse and persistent impacts of WNV on breeding bird populations in Pennsylvania	0.25	_____
Five years of RHDV2 infections in wild lagomorphs in California, USA	0.25	_____
A novel method of estimating badger population density	0.25	_____
Guinea worm Disease Surveillance and Home range Analysis of Olive Baboons	0.25	_____
Successful implementation of a novel screening program for rhinoceros tuberculosis	0.25	_____

Ecology and Management 10:15-11:15

Results from the first five years of the Carnivore Diseases Monitoring Program in Spain	0.25	_____
Parasite factors are associated with fatal <i>Sarcocystis neurona</i> infection in sea otters	0.25	_____
Toxoplasmosis outbreak in black howler monkeys in Chiapas, Mexico	0.25	_____
Understanding Wildlife Health Metrics Under the Threat of Climate Change	0.25	_____

Maximum credit hours attainable: **26** Total hours attended: \_\_\_\_\_

Continuing Education hours are sponsored by the American College of Zoological Medicine, a statutorily approved CE provider.

Disclaimer: The ACZM is a registered veterinary specialty college of the American Veterinary Medical Association for sponsoring of continuing education credits. Individual States or Provinces may have different laws or policies on acceptability of conferences, meetings or courses to qualify for continuing education (CE) credit. You are advised to check with the State(s) or Provinces in which you are licensed to ensure that the CE credits provided are acceptable.

John Bryan II, DVM, MS President,  
American Association of Wildlife  
Veterinarians

Krista Keller, DVM, Dipl. ACZM  
Secretary, American College of  
Zoological Medicine