

WDA2025 GLOBAL VOICE PROGRAM



**WILDLIFE DISEASE
ASSOCIATION 2025**

Monday, July 28

9am-2.30pm (all times are Pacific Daylight Time)

- 9:00** Welcome
- 9:15** **Invited talk and Q & A** with Joan Carling, The Philippines – Indigenous Knowledge and Collaborative Partnerships in Wildlife Disease Management
- 10:00** **Short presentation:** Jessica Sanchez, USA – Serosurvey of California mountain lions and implications for management and conservation
- 10:15** **Short presentation:** Tyson J Jenkins, USA – The Science of Storytelling: Presenting Scientific Information to the General Public
- 10:30** **Short presentation:** Ebru Unal, USA – Comparative Skin Transcriptomics Reveals Biologically Relevant Gene Expression Differences in Endangered versus Stable Beluga (*Delphinapterus leucas*) Stocks
- 10:45** **Networking break**
- 11:05** **Invited talk and Q & A** with Ralph Vanstreels, Argentina – The spread and impacts of high pathogenicity avian influenza in South America and Antarctica: what have we learned?
- 11:50** **Short presentation:** Luna Larrieta, Chile – Impact of Prey Availability on Maternal Care Time and Pup Growth in the South American Fur Seal (*Arctocephalus australis*) in Guafo Island, Chile
- 12:05** **Short presentation:** R. Scott Larsen, USA – Integrating wildlife health priorities into the 2025–2035 Pennsylvania wildlife action plan
- 12:20** **Networking break**
- 12:55** **Invited talk and Q & A** with Gabriela Hernandez Mora & Rocío González Barrientos, Costa Rica & USA – Brucellosis as a cause of stranding of cetaceans in the Eastern Tropical Pacific
- 1:45** **Short presentation:** Sarah Reich, USA – Can too much of a good thing be bad? Potential cicada-induced vitamin A deficiency in wild bird species
- 2:00** **Short presentation:** Regina Torres, Roberto Márquez, Jazmín Rocío Hernández, Mexico – Trends and trends: The Impact of Wildlife Videos on Public Perception and Animal Welfare in Mexico

2.45pm-8.20pm (all times are Pacific Daylight Time)

- 2:45** Welcome and studio conversation with outgoing WDA president Sonia Hernandez & newly-elected WDA president Richard Kock – Future visions & directions of the WDA
- 3:10** **Discussion panel:** Wildlife research in an increasingly polarized world: perspectives on funding and logistics challenges
- 4:15** **Short presentation:** William Funk, USA – Wildlife Rehabilitation: The Unseen Partner in Wildlife Health
- 4:30** **Short presentation:** Kayla Kauffman, USA – The cascading effects of land use on *Leptospira* and host species composition
- 4:50** **Interview:** Nicole Redvers, Canada – (title tbd)
- 5:30** **Networking break**
- 6:10** **Short presentation:** Marianthi Ioannidis, Cayman Islands – Investigating Hepatic Lipidosis and Jaundice in Neonatal Harbour Porpoises: A Retrospective Pathological Study from the Dutch Stranding Scheme
- 6:25** **Short presentation:** Vicky Wilkinson, Australia – H5 bird flu prevention and preparedness using the Wildlife Health Australia risk mitigation toolbox for wildlife care providers
- 6:45** **Invited talk and Q & A** with Jun-Sik LIM, Singapore – Invisible Wildlife Signals: Understanding Under-detection in Wildlife Disease Surveillance
- 7:30** **Invited talk and Q & A** with Fransiska Sulisty, Indonesia – Orangutan Health Risk Analysis

Tuesday, July 29

9am-1.30pm (all times are Pacific Daylight Time)

- 9:00** Welcome
- 9:15** **TA Student Talk:** Ian Muchina, Kenya - Exploring Gastrointestinal Parasites in Rothschild Giraffe populations in Kenya
- 9:30** **TA Student Talk:** Alina Anton, Germany - Spatial Dynamics of Zoonotic Pathogens in Bank Vole (*Myodes glareolus*) Populations from Northern Sweden
- 9:45** **TA Student Talk:** Habib Delfino Ahumada, Argentina - New minimally invasive techniques for sample collection in Antarctic seals
- 10:00** **Networking break**
- 10:45** **TA Student Talk:** Blaise Iraguha, USA - Mitigating Antibiotics Misuse in Dairy Farming Systems to Protect Wildlife Health: A One Health Approach in North-west region, Rwanda
- 11:00** **TA Student Talk:** Anna Huddart, USA - Knowledge, Attitudes, Practices Surveys Towards Domestic Species, Veterinary Care, and Wildlife in Kibale National Park, Uganda
- 11:15** **TA Student Talk:** Valentina Aravena-Ramírez, Chile - Genomic analysis of *Klebsiella pneumoniae* ST1805 and *Escherichia coli* ST1125 causing pulmonary co-infection in Black-necked Swan (*Cygnus melancoryphus*), Chile
- 11:30** **TA Student Talk:** Joshua Weaver, Cayman Islands - Investigating the relationship between bat house design and positioning with resident *Molossus milleri* colony size in Grand Cayman
- 11:45** **TA Student Talk:** Sarah Hollander, USA - Anticoagulant rodenticide residues in Virginia opossums from two Illinois wildlife centers
- 12:00** **Networking break**
- 12:30** **TA Student Talk:** Rachele Vada, Italy - *Toxoplasma gondii* seroprevalence in game meat in north-western alps, with emphasis on its relation with spatial and demographic parameters
- 12:45** **TA Student Talk:** Natalie Klukowski, Australia - Identifying environmental reservoirs in Captive Plains-wanderer facilities via environmental microbiome profiling
- 1:00** **TA Student Talk:** Rebecca Windell, USA - Chronic wasting disease exposure risk to male cervids during the mating season in a multi-host community
- 1:15** **TA Student Talk:** Chutimon Singhakarn, USA, Gram staining reveals diverse bacterial associations in coral cell-associated microbial aggregates in the Pacific Ocean

Tuesday, July 29

3.10pm-7.45pm (all times are Pacific Daylight Time)

- 3:10** Welcome
- 3:20** **Invited talk and Q & A** with Matt Allender, USA - Update of a Multispecies outbreak of Highly Pathogenic Avian Influenza at a Well-Studied Marine Reserve in Peru
- 4:05** **Short presentation:** Gabriel Antwi-Boasiako, Canada - "We Are Involved vs. We Are Not Involved": A Scenario Planning Analysis of Wildlife Zoonotic Diseases through a One Health Lens in Saskatchewan and Southwestern Yukon, Canada
- 4:20** **Short presentation:** Florencia Anabella Soto, Argentina - Parasites and vectors: Are seal lice vectors of pathogens?
- 4:35** **Short presentation:** Christina Carrières, Canada - Management Strategies of Highly Contagious Diseases in Raccoons in a Wildlife Rehabilitation Setting
- 4:55** **Invited talk and Q & A** with Steven Winter, USA - Land use and soil characteristics are associated with increased risk of treponeme-associated hoof disease in elk (*Cervus canadensis*)
- 5:35** **Networking break**
- 5:50** **Short presentation:** Jemma Bergfeld, Australia - The WIVIREIDS Project: Strengthening field-to-lab pipelines for wildlife diagnostics in Southeast Asia
- 6:05** **Short presentation:** Lauren Bassett, Australia, Wildlife Health Australia - engaging with Australian Wildlife Rehabilitators
- 6:20** **Short presentation:** Lynn Miller, New Zealand - An epizootic and the role of Wildlife Rehabilitation
- 6:35** **Invited talk and Q & A** with Shane Mahoney, Canada - Mobilizing Positive Change for Wildlife Health

Wednesday, July 30

9am-12.00pm (all times are Pacific Daylight Time)

- 9:00** Welcome
- 9:15** **Invited talk and Q & A** with Lesley van Helden, South Africa - Rabies takes to sea: an outbreak in Cape fur seals in southern Africa
- 10:00** **Short presentation:** Nelson Bukamba, Uganda - The potential threat of *Strongyloides spp.* to mountain gorillas and public health in Bwindi Impenetrable National Park
- 10:15** **Short presentation:** Andrew Hopkins, USA - Methodologies and Techniques for Preemptive Detection of Avian Influenza in Wetlands via eDNA
- 10:30** **Networking break**
- 10:45** **Invited talk and Q & A** with Angela Maldonado, Colombia - Night monkey conservation: challenges and opportunities at the Colombian - Peruvian Amazon
- 11:25** **Short presentation:** Brian Dugovich, USA - Does anthropogenic ecological disruption underlie chronic wasting disease's emergence, spread, and persistence?
- 11:40** **Short presentation:** Lizeth Raygoza, Mexico - Pathogenic Bacteria in Feces of the Violet-crowned (*Ramosomyia violiceps*) and Broad-billed (*Cynanthus latirostris*) Hummingbirds in Two Distinct Environments in West-central Mexico

2.40pm-7.40pm (all times are Pacific Daylight Time)

- 2:40** **Welcome**
- 2:45** **Invited talk and Q & A:** Axel Moehrensclaeger, Canada - Embracing values, uncertainty, and fear to take science-based conservation action
- 3:45** **Invited talk and Q & A** with Joaquin Vicente Baños, Spain - The need of a harmonised Europe-wide wildlife monitoring framework able to sustain coordinated transboundary policy
- 4:30** **Short presentation:** Iara Figini, Argentina - Molecular detection of *Trypanosoma evansi* and *T. theileri* in marsh deer, capybaras, and vampire bats from Argentine wetlands using PCR and RLBH.
- 4:45** **Short presentation:** Jazmín Rocío Hernández, Mexico - Educational and ethical challenges around wildlife ownership: a perception study and training analysis of Mexican veterinary students
- 5:00** **Short presentation:** Pablo Colunga-Salas, Mexico - Vector-borne diseases in wildlife: Actions and experiences in Mexico
- 5:20** **Invited talk and Q & A** with Macon Overcast, USA - Leveraging Syndromic Surveillance, Wildlife Management Workforce Knowledge and Machine Learning for Wildlife Epidemiological Intelligence in Kenya
- 6:00** **Networking break**
- 6:20** **Short presentation:** Brianna Beechler, USA - A newly described blood parasite in marbled murrelets on the Oregon coast
- 6:35** **Short presentation:** Matt Macpherson, Canada - Sylix Nation-led Treatment of *Psoroptes cuniculi* in Bighorn Sheep
- 6:55** **Invited talk and Q & A** with Alexandra Youseff, Lebanon - Wildlife Conservation in a War Zone: The Struggle to Protect Lebanon's Biodiversity Amid Crisis

Thursday, July 31

8am-12.00pm (all times are Pacific Daylight Time)

- 8:00 Welcome
- 8:15 **Short presentation:** Francesca Vitali, Kenya - Advancing Wildlife Health Monitoring in Conservation Translocations: Developing a Scalable Framework Tools in Eastern Black Rhinos
- 8:30 **Short presentation:** Susan Prescott, Australia - Ecology of Belonging: Restoring Meaning, Connection and Flourishing in a Fragmented World
- 8:45 **Short presentation:** Gillian Eastwood, UK - Exposure of raptors to flaviviruses, Virginia, USA
- 9:15 **Invited talk and Q & A** with Abednego Gbarway, Liberia - Promoting One Health in protected and proposed protected areas in Liberia
- 9:55 **Networking break**
- 10:20 **Recorded interview:** Angaangaq Angakkorsuaq, Canada - (title tbd)
- 11:00 **Short presentation:** Jacob Dalen, USA - Preliminary evaluation of viscoelastic coagulation monitor in raptors
- 11:15 **Short presentation:** Ailin Sosa Drouville, Argentina - Tuberculosis monitoring in wild pinnipeds of Patagonia, Argentina
- 11:30 **Short presentation:** Ansgar Schulz, Germany - Screening of ticks for tick-borne pathogens collected from wildlife, livestock and the environment in Zambia
- 11:50 **Short presentation:** Ralph Vanstreels, Argentina - The plight of skuas: The devastating impact of H5Nx high pathogenicity avian influenza on Antarctica's iconic predators

3.20pm-7.40pm (all times are Pacific Daylight Time)

- 3:20 Welcome
- 3:30 **Invited talk and Q & A** with Carmen Smith, USA - Fostering a cohesive wildlife pathology network across Asia
- 4:10 **Short presentation:** Anik Boileau, Canada - Health and Welfare Assessment Protocol of Free-Ranging Rorqual Whales: Validation of a Non-Invasive Methodology in a stressful environment (Gulf of St-Lawrence, Québec, Canada)
- 4:30 **Short presentation:** Colleen Anne Barrett, USA - Immune response to the Boehringer Ingelheim Imrab® 3 rabies virus vaccine via serum neutralization titer evaluation in captive northern fur seals, California sea lions, harbor seals, and Steller sea lions
- 4:45 **Short presentation:** Carmen MH Colitz, USA - Retrospective evaluation of surgical conjunctival grafting in pinnipeds under human care
- 5:00 **Short presentation:** Lucy Spelman, USA - Growing Art-Sci Pathways for Wildlife Conservation
- 5:15 **Short presentation:** Adam Adamski, USA - Wildlife rehabilitation: the role of the veterinary community - How you as a veterinarian can make a difference!
- 5:30 **Networking break**
- 5:50 **Invited talk and Q & A** with Katie Woolaston, Australia - One Health Governance: What is it and how do we do it better?
- 5:50 **Invited talk and Q & A** with Enkhuvshin Shiilegdamba, Mongolia - One Health and Wildlife Health in Mongolia



Friday, August 1

9.05am-1.30pm (all times are Pacific Daylight Time)

- 9:05** Welcome
- 9:15** **Short presentation:** Charlotte Form, USA – Characteristics of the microbiome of juvenile freshwater mussels in the context of enigmatic mussel declines in the eastern USA
- 9:30** **Short presentation:** Fiona Fern, South Africa – Avian Influenza and Newcastle’s Disease in vultures of northeastern South Africa
- 9:50** **Invited talk and Q & A** with Natália Coelho Couto de Azevedo Fernandes, Brazil – Wildlife surveillance of infectious diseases in Brazil
- 10:35** **Short presentation:** Patricia Latas, USA – IUCN SSC Wild Parrot Specialist Group: Health and welfare of Wild Parrots
- 10:50** **Short presentation:** Paula Blanco, Argentina – Pesticide exposure in marsh deer (*Blastocerus dichotomus*) in protected areas of Argentina: assessment by tissue monitoring and tandem mass spectrometry
- 11:05** **Networking break**
- 11:25** **Short presentation:** Gretel Keller, UK – Current Biosecurity Practices in the Handling and Sampling of Cervids
- 11:40** **Short presentation:** Silas Fundi Kisanga, DRC – Prospection of *Pan troglodytes* in the community forest of Kahompwa, Kalemie, Province of Tanganyika in the DRC
- 12:00** **Short presentation:** Mycha van Allen, Canada – Silent sentinels? Reptiles and birds as alternative host reservoirs in *Trypanosoma cruzi* ecology
- 12:20** **Short presentation:** Jenn Ballard, USA – Slippery as snot and master escape artists: dilemmas and successes in aquatic surgery
- 12:40** **Invited talk and Q & A** with Mauricio Encina, Chile – Devastating South American Sea Lion Die-Off Correlated to HPAI H5N1 Outbreak in Chile
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