

The 47th AAZV Annual Conference 2015  
2015 Scientific Program Details

Note: Program details are subject to minimal changes.

28-Sep		Monday
Session Co-Chairs	Karen Wolf and Adrian Mutlow	<b>Global Wildlife Conservation</b>
AM Session	Miller RE	The Madagascar Fauna and Flora Group (MFG) - implementing the One Plan Approach to conservation
AM Session	Norton T	An overview of the St. Catherines Island Gopher Tortoise ( <i>Gopherus polyphemus</i> ) Relocation and Research Project, 1994 to 2015
AM Session	Bronson E	The snowy owl irruption of 2013-2014: The zoo veterinarian's contribution to unexpected local conservation
AM Session	Loomis M	Working effectively in a multi-ethnic conservation team in a developing country
AM Session	Zimmerman D	Morbidity and mortality of endangered free-ranging golden monkeys ( <i>Cercopithecus mitis kandti</i> ) in Rwanda
AM Session	Bercier M	Retrospective study of morbidity and mortality of wild gopher tortoises ( <i>Gopherus polyphemus</i> ) admitted to the University of Florida, 1998-2014.
AM Session	Jones M	Veterinary pathology capacity building for conservation programs: example of the giant panda pathology international exchange training workshop
AM Session	Sladky K	Sloths as sentinels of ecosystem health: evaluation of agricultural pesticides in plasma of free-ranging Hoffmann's two-toed ( <i>Choloepus hoffmanni</i> ) and brown-throated three-toed ( <i>Bradypus variegatus</i> ) sloths
Session Chair	Kristen Gilardi	<b>Emerging Diseases</b>
AM Session	Gilardi K	The USAID Emerging Pandemic Threats PREDICT Project: towards a proactive paradigm for early disease detection and response
AM Session	Perera V	Emerging parasitic and infectious diseases of wild elephants ( <i>Elephas maximus</i> ) in Udawalawe National Park, Sri Lanka
AM Session	Sim R	Neurologic disease associated with Anaplasma phagocytophilum infection in captive Przewalski's horses, Equus ferus przewalskii, in Virginia, USA
AM Session	Pare J	Ophidiomycosis (Snake Fungal Disease) in New Jersey wild snakes
AM Session	Thomas K	"Epizootic hemorrhagic disease in a herd of Tibetan yak ( <i>Bos grunniens</i> )"
AM Session	Sthay J	The identification of novel herpesviruses and adenoviruses from seabirds
AM Session	Lahner L	Efficacy of intracoelomic enrofloxacin for the treatment of Sea Star Wasting Disease in four species of captive Asteroidea
Session Co-Chairs	Peregrine Wolff and Colin Gillin	<b>Wildlife Conservation and the North American Model of Management Part I &amp; II: In conjunction with WDA and AAWV</b>
PM Session	Humphries B	2015 AAWV Al Franzmann Memorial Speaker: The North American model of conservation; authorities and management of disease
PM Session	Bechert U	Towards Evolving One Health
PM Session	Seeley K	Batrachochytrium dendrobatidis in eastern Hellbender ( <i>Cryptobranchus alleganiensis</i> ) Populations, what we know and implications for the future
PM Session	Stout V	Cross-continent comprehensive assessment of health, disease and contaminants in the common loon ( <i>Gavia immer</i> )
PM Session	Hernandez S	The use of KittyCams to understand free-roaming cat effects on wildlife
PM Session	Jessup D	Veterinarians and Wildlife: A complicated set of relationships
PM Session	Mansfield K	Association between Treponema spp. And severe hood disease in elk ( <i>Cervus elaphus</i> ) from Washington State, USA
PM Session	Brown R and Gillin C	Sea lion research and management in the lower Columbia River Basin
PM Session	Wolff P and Gillin C	Wildlife health and the North American Model
Session Co-Chairs	James Carpenter and Joanne Paul-Murphy	<b>Rodents, Marsupials, and Allometric Scaling</b>
PM Session	Bradford C	Salmonellosis as an asymptomatic carrier state or as acute enteritis in the Prehensile-tailed porcupine ( <i>Coendou prehensilis</i> )
PM Session	Olds J	Serologic survey and results of urinary PCR testing for Leptospirosis in captive black-tailed prairie dogs ( <i>Cynomys ludovicianus</i> )
PM Session	Molter C	Determination of the efficacy of Streck cell preservative added to EDTA-Treated whole blood from koalas ( <i>Phascolarctos cinereus</i> ) to facilitate field-delayed complete blood counts

PM Session	Hatt J	Does phylogeny influence the determination of drug dosages by allometric scaling?
29-Sep		Tuesday
Session Co-Chairs	Ellen Bronson and Diana Boon	Avian Medicine
AM Session	Bochmann M	A new approach to the radiographic examination of the pectoral girdle in species of Galliformes, Anseriformes, Ciconiiformes and Accipitriformes
AM Session	Yaw T	Pharmacokinetic properties of a single administration of oral gabapentin in the great horned owl ( <i>Bubo virginianus</i> )
AM Session	Carpenter J	Pharmacokinetics of a single dose of oral and subcutaneous meloxicam in Caribbean flamingos ( <i>Phoenicopterus ruber ruber</i> )
AM Session	Kleinschmidt L	Cyclosporine as a palliative treatment for proventricular dilatation disease in psittacine birds.
AM Session	Fiorello C	Ocular lesions in apparently healthy wild common murrelets from Santa Cruz, California
AM Session	Woodhouse S	Cataracts in Macaroni ( <i>Eudyptes chrysolophus</i> ) and Rockhopper penguins ( <i>Eudyptes chrysocome</i> ): prevalence, description, and risk factors
AM Session	Kline S	The anatomy and digestive mechanisms of captive African penguins ( <i>Spheniscus demersus</i> )
Session Co-Chairs	Maya Kummrow and Leigh Clayton	Aquatics and Herptiles
AM Session	Bronson E	Reproductive management of the Panamanian golden frog ( <i>Atelopus zeteki</i> )
AM Session	Marcec R	Optimization of Hormone Protocols in Female Tiger Salamanders ( <i>A. tigrinum</i> ) by using ultrasound to monitor follicular development
AM Session	Ferrante J	Development of quantitative PCR assays for investigation of immune function in the Florida manatee ( <i>Trichechus manatus latirostris</i> )
AM Session	Barratclough A	Identifying disseminated intravascular coagulation in the Florida manatee ( <i>Trichechus manatus latirostris</i> ) and understanding its clinical implications
AM Session	B. Larouche C	Absence of acute toxicity of a single intramuscular injection of meloxicam in goldfish ( <i>Carassius auratus auratus</i> )
AM Session	Sheldon J	Comparison of total leukocyte quantification methods in wild Galapagos tortoises ( <i>Chelonoidis nigra</i> )
AM Session	Klaphake E	Bilateral hemipenectomy using local anesthesia in invasive green iguanas ( <i>Iguana iguana</i> ) on Grand Cayman Island
AM Session	Goe A	Effects of parenteral epinephrine and GV-26 stimulation on inhalant anesthesia recovery time in two orders of reptiles
Session Co-Chairs	Mads Bertelsen and Sharon Deem	JZWM Presentation
AM Session	Bertelsen M and Deem S	JZWM Presentation: Mads Bertelsen and Sharon Deem
30-Sep		Wednesday
Session Co-Chairs	Eduardo Valdes and Eric Klaphake	AAZV-NAG Joint Session: Herptile Nutrition Focus
AM Session	Pessier A	Evaluation of vitamin A status and diagnosis of hypovitaminosis A in amphibians
AM Session	Fidgett A	Understanding the interactions of diet and lighting on frogs and their symbiotic bacteria to improve ex situ husbandry of amphibians.
AM Session	Livingston S	Considerations to maximize nutrient supplementation of feeder insects
AM Session	Hausmann J	Non-healing subcutaneous hemorrhage in a colony of vampire bats ( <i>Desmodus rotundus</i> ) due to suspected vitamin C deficiency
AM Session	Benson B	Body weight changes of leopard tortoises ( <i>Stigmochelys pardalis</i> ) fed two isoenergetic diets
AM Session	Bloodgood J	Evaluation of the nutritional status of rehabilitated green sea turtles ( <i>Chelonia mydas</i> ) utilizing nutritional markers, stable isotopes, and metagenomics
AM Session	Koutsos E	Ex situ amphibian nutrition - recent findings and future directions
Session Co-Chairs	Jennifer Langan and Scott Citino	Ungulates/Megavertebrates
AM Session	Bertelsen M	THE HAIRY LIZARD –Factoring in heterothermy in anesthetic management of Arabian oryx ( <i>Oryx leucoryx</i> )
AM Session	Pon K	Efficacy and safety of medetomidine-azaperone-alfaxalone combination in captive white-tailed deer ( <i>Odocoileus virginianus</i> ).
AM Session	Perrin K	Near-infrared spectroscopy: Applications to anesthetic monitoring of Impala ( <i>Aepyceros melampus</i> )

AM Session	Swenson J	Ungulate population sustainability: Veterinary challenges associated with big herd management
AM Session	DeCourcy K	Using urinary hormone analysis to predict gender and assess fetal viability in the Indian rhinoceros ( <i>Rhinoceros unicornis</i> )
AM Session	Perrin K	Thromboelastography guided diagnosis and therapy in a case of elephant endotheliotropic herpesvirus hemorrhagic disease
AM Session	Browning G	Subclinical elephant endotheliotropic herpesvirus (EEHV) shedding surveillance and novel clinical infection with EEHV4 in Asian elephants ( <i>Elephas maximus</i> ) at the Houston Zoo.
<b>Session Co-Chairs</b>	<b>Mads Bertelsen and Kurt Sladky</b>	<b>Disaster Preparation</b>
PM Session	Olson S	Association of Zoos and Aquariums (AZA) Environmental Disaster Response Initiative
PM Session	Nadler Y	The Time Has Come for Secure Zoo
PM Session	Bertelsen and Sladky	Panel Discussion: Highly Pathogenic Avian Influenza
<b>Session Co-Chairs</b>	<b>Jennifer D'Agostino, Lisa Harrenstien, and Sam Rivera</b>	<b>Primate Case Reports and Research</b>
PM Session	Murphy H and Browner A	Keynote: The great ape heart project: Using a global centralized database to improve animal health, conservation, and research
PM Session	Vogelnest L	Fulminant disseminated tuberculosis ( <i>Mycobacterium tuberculosis</i> ) in a chimpanzee ( <i>Pan troglodytes</i> ) and treatment of six others with suspected latent infection
PM Session	Delk K	Surgical management of retained placenta in two nonhuman primates
PM Session	Marino A	Cardiovascular disease in captive orangutans ( <i>Pongo sp.</i> ): where we are now
PM Session	Suedmeyer W	Long term (8 years) management of diabetes mellitus in two guinea baboons ( <i>Papio papio</i> ) with oral hypoglycemic and insulin therapy
PM Session	Clyde V	Utility of finger blood pressure measurement in awake bonobos ( <i>Pan paniscus</i> ) for the diagnosis and treatment of hypertension and cardiovascular disease
PM Session	Ball R	The proposed title for this submission is "Mortality review within a population of Managed primates at Tampa's Lowry Park Zoo 2000-2014"
<b>1-Oct</b>		<b>Thursday</b>
<b>Session Co-Chairs</b>	<b>Tara Harrison</b>	<b>Concurrent Session: Leadership</b>
AM Session	Tara Harrison	So, what do you make? Results of the 2014 American Association of Zoological Veterinarians Salary Survey
AM Session	Pye G	From led to leader: making the transition from clinician to director
AM Session	Clayton L and Terrell S	Developing veterinary leadership skills: Finding ways to learn these skills when time and resources are lacking
AM Session	Terrell S	The Power of a Strategic Plan for Your Zoo Team
AM Session	Janssen D	Animal care decision-making: Giving up control to gain influence
AM Session	Anderson C	Keynote: Rethinking conflict: A catalyst for creativity, change, and deeper relationships
<b>Session Co-Chairs</b>	<b>Maryanne Tociadowski and Barbara Wolfe</b>	<b>Concurrent Session: Case Reports: Creative Strategies and Novel Disease Manifestations</b>
AM Session	Bercier M	A novel chlamydia species in a false gharial ( <i>Tomistoma schlegelii</i> ) with cervicothoracic scoliosis and granulomatous encephalomyelitis
AM Session	Guthrie A	Eastern Equine Encephalitis Virus mortality in four Southern Cassowary ( <i>Casuarius casuarius</i> ) at the Virginia Zoo.
AM Session	Meyer A	Surgical treatment of chronic multidrug-resistant bacterial rhinitis and sinusitis in a Greater Rhea ( <i>Rhea americana</i> )
AM Session	Hydock K	Treatment of secondary brodifacoum toxicosis in a captive Andean condor
AM Session	Marinkovics M	Use of a standing computed tomography scan to aid in the diagnosis of a pulmonary adenocarcinoma in a scarlet macaw ( <i>Ara macao</i> )
AM Session	Brady S	Treatment of pulmonary hypertension in a mealy Amazon parrot ( <i>Amazona farinosa</i> ) using sildenafil citrate
AM Session	Clyde V	Fatal infection of a Bornean orangutan ( <i>Pongo pygmaeus</i> ) with a <i>Versteria</i> sp. parasite: use of deep-sequencing techniques to identify an unknown pathogen and its source
AM Session	Klaphake E	Long term management of two pallas cats ( <i>Otocolobus manul</i> ) with bilateral polycystic-like renal disease

AM Session	Olds J	Giraffe ( <i>Giraffa camelopardalis reticulata</i> ) arthropathy: post-mortem computed tomography, gross pathology, and histopathologic findings
AM Session	Hammond E	Rhinoplasty: management of a fibromyxosarcoma in the horn of a southern white rhinoceros ( <i>Ceratotherium simum simum</i> )
<b>Session Co-Chairs</b> Ginger Sturgeon and Danelle		
AM Session	Okeson	Carnivore Part I
AM Session	Johnson J	Semen vitrification in felids – a simplified cryopreservation method for field use
AM Session	Leclerc A	Spectacled bear ( <i>Tremarctos ornatus</i> ) Alopecia Syndrome: An Update
AM Session	Puthoff E	The effect of exercise on behavioral and physiological measures of stress in cheetahs ( <i>Acinonyx jubatus</i> ) in human care
AM Session	Nielsen A	Comparison of diagnostic methods for identifying feline corona virus in a captive population of cheetah ( <i>Acinonyx jubatus</i> ) affected by feline infectious peritonitis
AM Session	McLean K	Is amyloidosis in cheetahs ( <i>Acinonyx jubatus</i> ) transmissible?
<b>Session Co-Chairs</b> Ginger Sturgeon and Danelle		
PM Session	Okeson	Carnivore Part II
PM Session	Sadler R	Evaluation of two canine distemper virus vaccines in captive tigers ( <i>Panthera tigris</i> )
PM Session	Bailey K	Safety and immunogenicity of vaccination of gray foxes ( <i>Urocyon cinereoargenteus</i> ) with a multivalent recombinant canine distemper vaccine and a modified live parvovirus vaccine
PM Session	Kunze P	Insertion of metallic dental prosthesis in wild carnivores kept in captivity
<b>Session Chair</b> Michael Garner		
PM Session	Gustavsen K	Pathology Part I
PM Session	Stalis I	Clinical, gross, and histopathological findings in a cluster of six cases of malignant peripheral nerve sheath tumors in Senegal bichirs ( <i>Polypterus senegalensis</i> )
PM Session	Pastor A	Emphysematous ingluvitis in rainbow lorikeets ( <i>Trichoglossus haematodus haematodus</i> )
PM Session	Flacke G	Hepatic to pulmonary embolism of absorbable gelatin hemostatic sponge in two Egyptian fruit bats ( <i>Rousettus aegyptiacus</i> ): a complication of its use in hepatic biopsy procedures
PM Session	Anderson K	A retrospective study of mortality in captive pygmy hippopotamus ( <i>Choeropsis liberiensis</i> )
PM Session	Anderson K	Bloat and enterotoxemia in large felids
<b>Session Chair</b> Michael Garner		
PM Session	Juan-Sallés C	Pathology Part II
PM Session	Anderson K	Biliary cirrhosis in 8 green iguanas ( <i>Iguana iguana</i> )
PM Session	Corner S	Retrospective review of histopathologic findings in eight species of gazelle
PM Session	Corner S	Ovarian adenocarcinoma in captive North American jaguars ( <i>Panthera onca</i> ): tumor characterization and investigation of BRCA1 mutations
<b>Session Chair</b> Kelly Helmick		
PM Session	Bradley J	Keynote Speaker
PM Session	Bradley J	Zoo animals as museum specimens - continuing contributions to research and education
<b>2-Oct</b>		
<b>Friday</b>		
AM Session	Susie Bartlett	Masterclass
AM Session	Garner M	Gross Lesion Recognition in Zoo Birds
<b>Session Chair</b> Susie Bartlett		
AM Session	Borjesson D	Masterclass
AM Session	Borjesson D	Stem Cell Therapy: Current Research Informing Clinical Medicine Applications in Veterinary Species
<b>Session Chair</b> Susie Bartlett		
AM Session	Steffey M	Masterclass
AM Session	Steffey M	Surgical Oncology: Fundamentals and Future Directions