



Research to **protect, treat and cure** animals.

2006 Winners

Steven Friedenberg

Genes and Canine Hip Dysplasia
Cornell University

Danielle Perrone

Defining T Cell and B Cell Responses after CDV Vaccination in Dogs
Background and Significance
The Ohio State University

Lena DeTar

Ion Channel Genes and Idiopathic Epilepsy in Dogs
University of Minnesota

Michael Rossi

Role of Neurokinin-A in Equine Obstructive Pulmonary Disease
Louisiana State University

Melody Davis

Determination of Reactive Oxygen Species in Equine Semen Using
Chemiluminescence
North Carolina State University

Kristin McLaughlin

Immunoglobulin Isotype Expression in Lymphoid Tissues of the Equine Fetus
and Neonate
Cornell University

Ashley Hill

Biochemical Characterization of Hyperelastosis Cutis: Investigating the
Collagen Crosslink Pattern that Identifies Affected Horses
Mississippi State University

Amanda Sherck

Pharmakokinetic and Pharmacodynamic Modeling of Oral
Dexamethasone Administered to Healthy Horses
Kansas State University

Danielle Torin

Dietary Patterns of Cats with Cardiac Disease
Tufts University

Cherlene Delgado

Feline Asthma - Using a new Protocol to Decrease Inflammation and
Clinical Signs
University of Missouri

Jennifer S. Hohenlohe

Evaluating Techniques for Isolating Pancreatic Islets in South American
Camelids
Oregon State University

Sarah Burton

Unraveling Pharmacogenomics in Companion Animals: an in vitro
Approach
Auburn University

Letitia Posey

Arsenic, Cancer and Animal Health and Welfare
Oklahoma State University

Kate Freeman

Characterizing the Anatomic and Pathologic Consequences of Inversion
Syndrome in Jellyfish Through Survey, Observation, Histopathology, and
Elemental Analysis
North Carolina State University

Laura Stokes-Greene

Evaluation of Infectious Disease Risks to the Sumatran Rhinoceros
(*Dicerorhinus sumatrensis*) by Hematologic and Serologic Survey of
Domestic Animals and Captive Wildlife Surrounding Way Kambas National
Park, Indonesia
The Ohio State University

Veronica Flores

Lurking in the Wings: Investigation of Avian Hemoparasites and Their Insect
Vectors at the Fort Worth Zoo
Texas A&M University

Cristina M. Hansen

Cholinesterase Determination as Part of an Overall Health Assessment of
Alaskan Caribou (*Rangifer Tarandus* Subsp. *Granti*)
University of Illinois

Nicole Savageau

Documenting the Blinding Effect of *Wasmannia auropunctata* (little fire
ant) on Native Fauna in Gabon
University of Pennsylvania

Sophie Knafo

Distribution of Gastrointestinal Parasites of Grevy's Zebras, Plains Zebras,
Other Wildlife Species, and Livestock in the Sambura Landscape, Kenya
Tufts University

Lucy James

Comparative Study of Tannin Concentration of Browse, Fecal Parasites
and Fecal Steroid Content of Captive and Wild Black Rhinoceros
Royal Veterinary College

Katherine F. Fogelberg

Conservation and Management of the Endangered Ocelot on Private
Lands
Texas A&M University

Jenny Niemuth

Detection of Corticosterone Metabolites in Fecal Samples of Wild-Caught
House Sparrows (*Passer domesticus*) as an Accurate Measure of
Physiological Stress Reactions
University of Wisconsin-Madison

Alina Evans

Prevalence of and use of Clinical Signs to Screen for Rift Valley Fever Virus
Infection in Malaria Negative Patients Presenting to a Provincial General
Hospital in rural Kenya
University of Minnesota