

## Young Investigator Awards 2017 – Center for Companion Animal Studies

Faculty	Students	Title
Boscan, P	Taylor Curley	Mast Cell Tumor Histamine Release Following Morphine Exposure
Easley, J	Amy Downey	Surgical Technique Comparative Biomechanical Study for Equine Cervical Fusion
Ferris, R	Kristina Glapa & Lauren Eytalis	Incidence of bacteria in cool shipped semen and the uterine lumen following breeding
Goodrich L	Alyssa Ball	Genetic modification of bone marrow derived mesenchymal stem cells with scAAV-BMP-2 and scAAV-PTH to induce osteogenesis: development of an “off-the-shelf” biologic for fracture repair
Hackett, E	Sarah M Kappel	Identification of airway disorders resulting in poor performance and airway noise in racing Quarter Horses via exercising endoscopic examination
Johnston, M	Aryn Bordman	Evolving Trends in Zoological Companion Animal Presentations: A Retrospective Study
Lana, S and Stroda, K	Emily Janik	“Detection of clonally expanded malignant lymphocytes in the peripheral blood of feline patients diagnosed with intra-abdominal lymphoma”
Lappin, M	Karla Schultz	Treatment of feline dermatophytosis in a shelter setting: comparison of the efficacy of two antifungal rinses
Lothamer C	Nathan Shipman	Association of Gammaherpesvirus and Feline Chronic Gingivostomatitis
MacPhail, C	Edward Chen	Comparison of alfaxalone and propofol anesthesia for evaluation of laryngeal function in normal dogs.
Mayo, C	Elle Holbrook	Genetic characterization and comparative genome analysis of vesicular stomatitis virus isolates from Colorado
Moorman, V	Amy Yohe	A retrospective study on the incisional infection rate of sinus flap surgeries in horses, and the efficacy of silver impregnated bandages in preventing incisional infection.
Moorman, V	Kyle Kline	Evaluation of Step Monitors for Tracking Activity Levels in Stalled Horses
Olver, C	Jennifer E. Schefski	Dose-dependent mitigation of snake envenomation using carbon-monoxide-releasing molecule-2 (CORM-2) on canine whole blood exposed to hemotoxic venom
Rawlinson, J	Samantha Mitchell	Evaluation of the gingival cellular response and systemic cytokine profile of Greyhounds with aggressive periodontitis
Ryan, E	Nealon	MICROBIOME AND FATTY ACID METABOLOME ANALYSIS OF PROBIOTIC SPECIES IN DOGS UNDERGOING CHEMOTHERAPY AND RADIATION THERAPY FOR NEOPLASTIC DISEASE
Scorza V	Patrick Khalife	Detection of Giardia spp. DNA in dog and cat fecal samples
Seguin, B	Brittney Byer	The effects of taurolidine alone and in combination with mitoxantrone or piroxicam in canine transitional cell carcinoma in vitro
Thamm D	Elena Pires	In vitro Characterization of Homologous Recombination DNA Repair in Canine Tumor Cell Lines
VandeWoude, S	TBD	Establishing Potential Associations Between Feline Foamy Virus Infection and Chronic Kidney Disease in Domestic Cats
Webb C	Eva Zawadzki	Total Antioxidant Capacity and Inflammation in Diabetic Cats.
Webb C	Liane Sehart	The effects of orally administered Solliquin on cortisol production in research beagles stressed by a veterinary appointment: A proof of concept study.