

YOUNG INVESTIGATORS AWARDS

2018

FACULTY MEMBER(S)	STUDENT(S)	PROJECT TITLE
Felix Duerr	Jack Pierce	Evaluation of Two Novel Radiographic Methods for Measurement of Proximal Tibial Angulation in Dogs
Laurie R. Goodrich, John D. Kisiday	Bethany E. Liebig	Chondrogenic differentiation of bone marrow mesenchymal stems cells for equine fracture repair
Susan LaRue	Rebecca Tierce	Safety and efficacy of stereotactic radiation therapy in the treatment of macroscopic canine soft tissue sarcoma
Catriona MacPhail	Tim	Comparison of preoperative and postoperative tracheal measurements following surgical correction of brachycephalic obstructive airways syndrome in dogs
Yvette Nout-Lomas	Margaret Bacon	Computational analysis of stride parameters from gait data collected from sound, clinically and xylazine-induced ataxic horses ataxic,
Douglas Thamm, Claudia Wiese	Elena Pires	In vitro Characterization of Homologous Recombination DNA Repair in Canine Tumor Cell Lines
Julia Veir, Johnna Kearney	Gabrielle DeFrancesco	Comparison of a Flash Glucose Monitoring System to a Veterinary Specific Digital Hand-held Glucometer in Diabetic Cats
Jennifer Hatzel	McKayla Meyer	Evaluation of Embryo Formation via Comparisons of Oocyte Harvesting Methods
Julia Veir	Clarissa Freemyer	Analysis of Symmetric Dimethylarginine as a Predictor of Mortality in Hyperthyroid Cats Undergoing Radioactive Iodine Therapy
Rebecca Ruch-Gallie	Sienna Drizin	Use of psychotropic medications on intake to an animal shelter to decrease stress related clinical signs in cats and dogs.
Kathryn Wotman	Stephanie Lo	Transcorneal ultrasonography and retinal spectral domain optical coherence tomography in the minipig: a pre-clinical model for retinal transplants in humans with retinitis pigmentosa.
Stephanie McGrath, Amy Stark	Marta Karn	The effect of early implementation of postoperative physical therapy in dogs with acute onset thoracolumbar spinal cord injury resulting from intervertebral disc herniation
Kelly S. Santangelo, Samantha J.M. Evans	Ally Bonney	Efficacy of Fountain Flow Cytometry for Rapid Detection of Sepsis in Fluids



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Steven Dow	Alana Kuzmik	Impact of Mucosal Immunotherapy on the Oropharyngeal Microbiome of Dogs
Jennifer Rawlinson, John Pegg	Jennifer Kelley	In vitro evaluation of load to failure in canine gingiva with application of various suture patterns using poliglecaprone 25
Christopher Kawcak	Megan Posukonis	Fracture Characterization via Copmuted Tomographt and Radiography in Equine Thoroughbreds as a Retrospective Diagnostic Approach
Diana M Hassel	Holly Martin	Recurrent colic in the horse – is there an inflammatory component?
Amanda A. Cavanagh, Stephen Millar	Christine Petrovec	Early Systolic Dysfunction Following Traumatic Brain Injury in Dogs
Miranda Sadar	Sneha Krishnan	The Effect of Varied Enrichment Types on Captive Snake Behavior
Valeria Scorza	Kim Kern	Comparison of three Serological Tests for Detection of Leptospira–specific Antibodies in Dogs from Todos Los Santos, Mexico.
Felix Duerr	Sydney Rosen	Prospective evaluation of orthoses in canine patients
Diana M Hassel	Hayley Keadey	Multi-center, randomized, controlled clinical trial assessing the influence of a prebiotic/probiotic product on the fecal microbiota and frequency of colic in horses with a history of recurrent abdominal pain
Michala Henriksen	Jenny Colussi	Topical 0.1% Diclofenac ophthalmic solutions effect on intraocular pressure in normal canine eyes with four different treatment frequency (1, 2, 3 and 4 times a day)
Elizabeth P. Ryan, Jonathan Stockman	Nora Jean Nealon	An Examination of Rice Bran and Navy Beans for Modulation of the Canine Gut Microbiome During Chemotherapy

