

YOUNG INVESTIGATORS AWARDS

2014

FACULTY MEMBER(S)	STUDENT(S)	PROJECT TITLE
Jessica Quimby	Lara Barron	Adipose-derived Mesenchymal Stem Cell Biology Studies Using Fat Donated from Cats Undergoing Abdominal Surgical Procedures
Paul S. Morley, Brandi Burgess, Kristy L. Pabilonia, Matt Johnston	Anna C. Fagre	Improved characterization of Salmonella enterica shedding among reptile patients at the James L. Voss Veterinary Teaching Hospital
Felix Duerr, Angela Marolf	Theresa M. Wendland	Evaluation of Gait Patterns in Dogs: The Pace
Rebecca Ruch Gallie, Matthew Levien	Lily Ngai	Fecal cortisol and other measures of stress before and after clicker training cats in two Colorado animal shelters
Stacey Byers, Jessica McArt	Katlin Hornig	Validation of the Heska Element POC TM Blood Gas and Electrolyte Analyzer for use in alpacas and goats
Craig Webb, Tracy Webb	Rebecca Timmons	In vitro Optimization of Adipose-derived Feline Mesenchymal Stem Cells for the Treatment of Chronic Enteropathy in Cats
Jessica Quimby, Daniel L. Gustafson	Kelly Benson	Pharmacodynamics and Pharmacokinetics of Transdermal Mirtazapine in Normal Cats
Jenny Pendergraft	Anna Brown	Pharmacokinetics of cyclosporine (Atopica®, Novartis) at -20°C, a randomized, controlled cross-over study.
Felix Duerr	Jonathan Yashari	Evaluation of a novel canine activity monitor for at-home physical activity analysis
Craig Webb, Sara Wennogle	Rebecca Timmons	Fecal alpha(1)-proteinase inhibitor enzyme level as an independent and quantifiable measure of disease severity and response to treatment in adult dogs with chronic diarrhea of gastrointestinal origin.
Christine Olver, Raegan Wells, Stephen Mackessy	Amy Bell	Effects of venom from the Prairie Rattlesnake (Crotalus viridis) on coagulation and fibrinolysis: in vitro evaluation using thromboelastography.
Rebecca Ruch Gallie	Emily Bryan	Prevalence of Heartworm in Colorado Animal Shelters
Gregg Dean	Jonathan Lee	Assessment of Microbial Translocation and Chronic Inflammation in Cats



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Lauren Sullivan, Emilee Venn, David Twedt	Alexander Barnes	Serum D-Lactate Concentrations in Dogs with Parvoviral Enteritis
Brad Borlee, Ryan Ferris	Steven Lakin	16S rDNA Metagenomic Census of the Urogenital Tract in the Normal Mare and Mare with Endometritis of <i>Streptococcus equi</i> ssp. <i>zooepidemicus</i> Origin
Jessica Quimby, Sarah Shropshire	Robert Cerda	Urine protein:creatinine ratio variability when comparing single, serial, or pooled urine samples from dogs with varying magnitudes of proteinuria currently receiving medical therapy
Jan Bright, Christian Weder, Luke Wittenburg, Christine Olver	Petya Trifonova	Multi-dose pharmacokinetics and pharmacodynamics of the commercially available formulation of oral apixaban in cats: a pilot study
Valeria Scorza, Hanaa Thigeel	Mandy van Koppen	Validation of a 60 kDa glycoprotein (gp60) gene-based Polymerase Chain Reaction (PCR) assay for subtyping of <i>Cryptosporidium parvum</i> and <i>Cryptosporidium hominis</i> .
Eileen Hackett, Dean Hendrickson	Craig Schmidt Lesser	Single Paralumbar Fossa Laparoscopy for Elective Ovariectomy in Standing Mares
Diana Hassel, Khursheed Mama		Effects of acetylcholinesterase inhibition on quality of recovery and post-operative gastrointestinal dysfunction from isoflurane and sevoflurane-induced anesthesia in horses
Yvette S. Nout-Lomas. Jenifer Gold, Diana Hassel	Heidi Immesberger	Serum amyloid A as a predictor of completion in long distance endurance riding in horses
Felix Duerr, Juliette Hart	Kristin A. Freund	Validation of Novel Technologies for Goniometry of the Canine Stifle
Sandra Allweiler, Yenlie Zingale	Adam Drury	Validation and application of a method to evaluate peripheral nerve pain in dogs with thoracic or pelvic limb lameness
Christin Oliver Kelly Santangelo	Sarah Therio	Measuring canine soluble transferrin receptor using novel commercial enzyme linked immunosorbent assays; progress toward diagnosing iron deficiency in chronically ill dogs
Hendrickson; Luke Whittenburg, Doreene Hyatt	Helen Sims	Use of bioassays to evaluate the elution behavior of polyhexamethylene biguanide from two wound dressing materials to establish bandage change guidelines
Nicole Ehrhart, Laura Chubb, Ruth Rose	Morgan Woodard	Quantification of Canine Adipose Derived Mesenchymal Stromal Cells Seeded Onto a Demineralized Bone Matrix Scaffold

