

Young Investigator Awards - 2021

Faculty	Student	Title
Lynn Pezzanite; Dean Hendrickson	Alyssa Daniels	The post-operative infection rate after pastern arthrodesis in the horse with various antimicrobial protocols
Lynn Pezzanite; Lyndah Chow; Laurie Goodrich; Steven Dow	Gabriella Piquini	Defining the phenotype and function of equine synovial macrophages with relevance to osteoarthritis progression
Sarah Shropshire; Kristin Zersen; Daniel Gustafson	Angela Molli, Brooke Gallagher, Sydney Simpson,	Pharmacokinetics and Pharmacodynamics of Oral Ondansetron in Dogs Admitted to a Tertiary Referral Hospital
Diana Hassel	Sara Wist,	Outcomes of surgical management of horses undergoing ventral midline celiotomy for colic with abnormalities of the dorsal mesenteric attachments of the colon and cecum
Diana Hassel; Tiffany Weir	Kelly Anders	Is butyrate concentration in the equine gastrointestinal tract altered during and after surgery for treatment of large colon obstruction?
Tracy Webb; Craig Webb	Jenna Hattendorf, Caity Erickson	The Role of CD40 in Canine Autoimmune Diseases: A Potentially Critical Therapeutic Target for Dogs and Humans.
Jeremiah Easley; Katie Sikes; Kelly Santangelo	Emily Van Zeeland	Intrinsic proteome differences of commonly injured mouse stifle ligaments
Colleen Duncan; Danielle Frey	Leah Sauerwein	One Health, One Cat at a Time
Janelle Scott; Gregg Griffenhagen	Matthew Denton	The use of Trazodone as an Anxiolytic Prior to General Anesthesia in Dogs
Jen Kelley; Naomi Hoyer; Jennifer Rawlinson; Kelly Hall; Sangeeta Rao	Mai Le	Prognostic indicators for feline craniofacial trauma: a retrospective study of 130 cases
Christopher Kawcak; Erin Contino; Melissa King	Cass Bouse-Eaton	Development of Orthopedic Wearable Technology
Sangeeta Rao; Julia Labadie	Linzy Jauch	Veterinarian's choices and practices of antimicrobial drug treatments among Golden Retrievers within the United States
Melinda Story; Kevin Haussler	Mikaela Maldonado	Effect of Chiropractic Treatment on Chronic Lameness and Compensatory Back Pain
Michala Henriksen; Jacky Peraza; Kathryn Wotman	Katie Jones	Investigation of the clinical and anti-inflammatory effect of the natural Interleukin-1 receptor antagonist protein (IRAP – autologous conditioned serum) on canine keratoconjunctivitis sicca (KCS – dry eye): A pilot study
Kenneth Siu; Sarah Shropshire	Amanda Diaz	Evaluating Proteinuria Persistence, Magnitude, and Trends During Treatment of Selected Inflammatory Diseases in Canines
Laurie Goodrich; John Kisiday	Bethany Liebig	Neonatal donor cartilage may enhance chondrocyte progenitor cell qualities used for allogeneic osteoarthritis therapies
Matthew Johnston	Hannah Rice	The Use of Increasing Enclosure Complexity to Improve African Elephant Welfare at the Cheyenne Mountain Zoo
Smith Professor Funding		
Michala Henriksen	Katie Jones	Investigation of four methods to identify fungal ulcerative keratitis in horses; standard microbiology culture, standard corneal cytology, real time polymerase chain reaction (RT-PCR), and new generation DNA sequencing (NGDS)
Sarah Shropshire	Megan Slaughter	Evaluation for the Development of Anemia, Thrombocytopenia, and the Presence of Anti-Erythrocyte and Anti-Platelet Antibodies in Client-Owned Allergic Dogs Receiving Lokivetmab
Matthew Johnston	Christina Stathakis	A Retrospective Study of Macropod Progressive Periodontal Disease in Captive Wallabies at the Cheyenne Mountain Zoo
Matthew Johnston	Malea McGimsey	Ambient temperatures experienced by free-ranging giraffe across sub-Saharan Africa