



TEXAS TECH UNIVERSITY

School of Veterinary Medicine™

VRSP Potential Mentors and Projects

Summer 2023

Investigator	Topic
Annelise Nguyen	Characterization of Feline Renal Carcinoma
Babafela Awosile	Determination of resistance to beta-lactam antimicrobials in enteric bacteria using phenotypic, genotypic, and mass-spectrometric methods
James Brown Carolyn Arnold	Determination of the number of surgical experiences needed by veterinary students to achieve competency and proficiency in an equid castration model.
Devendra Shah	Testing the anti-Salmonella activity of mineral supplements
Devendra Shah	Testing the role of different metabolites as sole sources of energy for the growth of globally disseminating multi-drug resistant genetic lineage of <i>Salmonella</i>
Devendra Shah	Determine the mineral and metabolite-induced transcriptome in <i>Salmonella</i>
Devendra Shah	Determine the differences in the microbiome and resistome between organic and commercially produced chicken meat.
Fernanda Rosa	The role of microRNAs in inflammation
Gizem Levent	Exploring antibiotic resistance patterns of <i>Salmonella enterica</i> in cattle and feedlots
Gizem Levent Stephanie Myers	Exploring Salmonella population in zoo animals
Heidi Villalba	In-Vitro studies to characterize canine cancer cell lines
John Gibbons	In vivo and in vitro bovine embryo development.
Klementina Fon Tacer	MAGE proteins in horse melanomas
Pippa Gibbons	Relationship between thoracic auscultation, thoracic ultrasonography, and thoracic radiographs in small ruminants using an experimental model of pneumonia
Ryan Williams	Bovine respiratory disease and the cattle cycle: Management strategies to decrease the need for antimicrobial use.
Smriti Shringi	Identification of <i>Leptospira</i> protein(s) that are differentially expressed in naturally infected and vaccinated dogs.
Smriti Shringi	Determination of the fitness advantage conferred by antibiotic gene loss in MDR Salmonella strain passaged in the presence or absence of antibiotic selection pressure.

COMMUNITY



INTEGRITY



KINDHEARTEDNESS



GRIT



INSPIRATION

