

2022-2023 One Health Faculty Research Club Topics

Monthly Faculty Research Club discussions allow faculty throughout the Texas Tech University and Health Sciences Center systems to talk about research projects and develop interdisciplinary collaborations to advance scientific discovery.

Date	Topic	Speakers
9/1/2022	One Health <ul style="list-style-type: none"> • Predictive modeling and correlation between cephem resistance and beta-lactamase genes in retail meat-derived <i>Salmonella enterica</i> • “Educated microbes” in One Health • <i>Salmonella</i>: An Unexpected (& Unfinished) Love Affair • People and projects in the InfantRisk Center 	Babafela Awosile Gizem Levent Guy Loneragan Tom Hale
10/6/2022	Food Sciences, Food Safety, Nutritional Sciences <ul style="list-style-type: none"> • APPLIED MICROBIOLOGY TO FOOD SAFETY Achieving One Health! • TTU SVM MALDI TOF • Technology to generate <i>ex vivo</i> model 	Mahmoud Ahmed, PhD Alexandra Calle Jon Thompson Annelise Nguyen
12/1/2022	Prevention Programs, Preparedness, Response, and Management <ul style="list-style-type: none"> • The Intersection of Pharmacy and Veterinary Medicine: What Veterinarians Wish Pharmacists Knew • Amarillo Area Public Health • Infectious disease detection, diagnosis and surveillance • A mutual insurance framework for agro-crime and agro-terror 	Shelly Seth Kaci Bohn Todd Bell Smriti Shringi Gizem Levent
02/02/2023	Zoonosis and Rare Disease <ul style="list-style-type: none"> • <i>Salmonella</i> serotypes distribution in food animals before, at, and after slaughter in relation to human-derived • Equine Gastrointestinal Microbiome • TTU Health Sciences Center 	Blaine Johnson Babafela Awosile Carolyn Arnold Tetyana Vasyljeva
03/02/2023	Community Research	Clinton J. Roof

	<ul style="list-style-type: none"> • Equine Orthopedics • Prevalence of the Raccoon Roundworm in Panhandle and West Texas Raccoons 	Trista Mills Elpida Artemiou Chris Morrow James A. Brown Jason M. Fritzler
04/06/2023	Health Interventions <ul style="list-style-type: none"> • Oral chemotherapy for debilitating cancers • Fecal microbiota transplantation (FMT) 	Antu Radhakrishnan Fernanda Rosa Theresa Brown Sarah Wagner
05/04/2023	Human-Animal Interactions <ul style="list-style-type: none"> • Validation and Application of a Survey of Hispanic Worker Attitudes Towards Pig Euthanasia • TTU-SVM One Health Sciences Program • Why Do I Want to Work for You? • #TeamVERO Research Focus • Animal Health Research at WT • NSF I-Corps 	Nichole Anderson Arlene Garcia John Gibbons Mallory Vestal Paul Morley John Richeson Ganga Baskar