



June 5-8

Renaissance Dallas North Hotel

Schedule

Sunday		
5-7 pm	Reception and light appetizers	Banquette
Monday		
8:00 AM	Registration table opens	Trinity Ballroom Foyer
8:30 AM	Welcome	Trinity Ballroom
8:45 AM	Memorial Lecture	
9:30 AM	Break	Trinity Ballroom Foyer
10:00 AM	Standing on the Shoulders of Giants: Updates and Changes at the Knipling Bushland U.S. Livestock Insects Research Laboratory, the Cattle Fever Tick Research Laboratory, and the COPEG Sterile Screwworm Production Facility	Kim Lohmeyer
10:15 AM	Research during the Covid-19 years	Jerry Hogsette
10:30 AM	National Tick Research and Education Resource	Lisa Coburn, Bruce Noden, Justin Talley
10:45 AM	Adventures with <i>Stomoxys</i> : unravelling the mysteries of egg development	Mary Katherine Mills
11:00 AM	Horn fly (Diptera: Muscidae) impacts on behavioral and nutritional responses of infested cattle.	Ulises. A. Sanchez-Sandoval*, J.J. Figueroa-Zamudio, J. Ramirez, H.L. Walker and B.G. Smythe
11:15 AM	The effects of inconsistent consumption of feedthrough-based insect growth regulators by cattle on house and horn fly (Diptera: Muscidae) development in a simulated field environment	Hannah Walker*, Ulises A. Sanchez-Sandoval, Brandon G. Smythe
11:30 AM	Cattle producer adoption of technology in grazing cattle systems in terms of integrated tick management	Samantha R. Hays*, Pete D. Teel, Scott Crawford, Douglas R. Tolleson, Thomas B. Hairgrove, David P. Anderson, Shannon Degenhart, Sonja L. Swiger
11:45 AM	Lunch Offsite on your own	

1:30 PM	Concentration dependent detection of imidacloprid in behaviorally resistant house flies (<i>Musca domestica</i> L.)	Caleb Hubbard* and Amy Murillo
1:45 PM	Optimizing Fly Control In and Around Calf Hutches	Richard Hack*, Jim Stefanak
2:00 PM	Efficacy of Clear Zone Double Impact Farm Fly Spray on Ticks Associated with Livestock	Sonja L. Swiger*, Micki Harris, and Bob Davis
2:15 PM	Should house fly sex be considered in risk assessment and pest management?	Dana Nayduch*, Saraswoti Neupane, Victoria Pickens, Tanya Purvis, Brandon Hall, Grant Brooke
2:30 PM	Factors Affecting the Abundance, Prevalence and Diversity of Bacterial Communities in Female House Flies Associated with Dairy Cattle Farms	Saraswoti Neupane*, Victoria Pickens, Justin L. Talley, Sonja L. Swiger, and Dana Nayduch
2:45 PM	Get Rich or Try Flying: Comparative analysis and update of three fly genomes.	Perot Saelao
3:00 PM	Using -omics resources to expand our understanding of chemosensory systems of blood-feeding and filth-breeding muscid pests of livestock	Pia Untalan Olafson* and Perot Saelao
3:15 PM	Extracting microRNA from Tick Salivary Glands and Extracellular Vesicles	Brenda Galvan*, Cristina Harvey, Donald Thomas, Perot Saelao, and Adela S. Oliva Chavez
3:30 PM	Break	Trinity Ballroom Foyer
4:00 PM	The Genus Name for the Blue Ticks	Donald B Thomas
4:15 PM	Research updates on the Asian longhorned tick in Tennessee	R. T. Trout Fryxell*, R. A. Butler, and J. C. Chandler
4:30 PM	Asian Longhorned Ticks (<i>Haemaphysalis longicornis</i> Neumann) (Ixodida: Ixodidae) Have Invaded Georgia	Nancy C. Hinkle*, Jacob W. Fowler, and Michael J. Yabsley
N/A	Efficacy of <i>Beauveria bassiana</i> (P89) dust against face fly and house fly	Rebecca Lessler, Steve Denning and Wes Watson

Tuesday		
8:30 AM	Larval survivorship of the winter tick, <i>Dermacentor albipictus</i> (Acari: Ixodidae), exposed to varying saturation deficits in the laboratory	Samantha R. Hays*, Brian T. Rich, Pete D. Teel, Michael T. Longnecker, Douglas R. Tolleson
8:45 AM	Tick collections in Northwest Arkansas for <i>Anaplasma</i> spp. Surveillance	Cierra Briggs*, Jordan Vansandt, Brandon Carr, Elizabeth Smith, Kelly Loftin, Emily McDermott
9:00 AM	Organic Compounds for The Control Of <i>Rhipicephalus Microplus</i> On Cattle	Adela Oliva Chavez*, Geoffrey Lynn, Carlos Aguilar-Rodriguez, Michael Moses, Stephanie Guzman Valencia, Charluz Arocho Rosario, Donald Thomas, and Tammi Johnson
9:15 AM	<i>Culicoides sonorensis</i> diel activity in southern California	Xinmi Zhang and Alec Gerry*
9:30 AM	Break	Trinity Ballroom Foyer
10:00 AM	Spatial ecology of <i>Culicoides</i> biting midges in sylvatic and agricultural habitats	Cassandra Steele* and Emily G. McDermott
10:15 AM	Of Mud and Midges: Investigating larval <i>Culicoides</i> habitats and host associations in Kansas	Bethany L. McGregor*, Travis M. Davis
10:30 AM	An evaluation of contact and topical toxicity of fluralaner on <i>Culicoides</i> biting midges.	Blythe E. Lawson* and Emily G. McDermott
10:45 AM	Lesser Mealworm Pest Management Considerations in Broiler Houses	Brandon Lyons
11:00 AM	Industry Section	
12:00 PM	Lunch Offsite on your own	
1:30 PM	Free Afternoon	
6:00 PM	Cocktails	Trinity Ballroom
7:00 PM	Banquet and Awards	Trinity Ballroom

Wednesday

8:30 AM	Business Meeting	Trinity Ballroom
9:30 AM	Conquest Insecticide	Richard Hack*, Alissa Welsher Ph.D
9:45 AM	Optimizing the off-host production of cat fleas, <i>Ctenocephalides felis</i> , using an artificial membrane-based blood-feeding system.	Brittney N. Blakely* and Alvaro Romero
10:00 AM	Utilization of the Panama - United States Commission for the Eradication and Prevention of Screwworm (COPEG) as a study abroad resource for undergraduate and graduate students	Justin Talley*, Karen Hickman, Jose Uscanga, Enrique Samudio
10:15 AM	Overcoming obstacles rearing transgenic New World screwworm for use in sterile insect technique	Alex P. Arp
10:30 AM	Development of a diagnostic SNP panel for identifying geographic populations of <i>Cochliomyia hominivorax</i> , the New World screwworm	Mackenzie Tietjen
10:45 AM	Advances in chemical attractants for screwworm flies	Paul V. Hickner
11:00 AM	Feral swine as sentinels for ticks and tick-borne pathogens	Sarah Mays Maestas*, Lindsey Campbell, Michael Milleson, Phillip Kaufman, and Samantha Wisely
11:15 AM	Susceptibility of nilgai antelope (<i>Bosephalus tragocamelus</i>) to infection with <i>Babesia bovis</i> merozoites	Tammi L. Johnson*, Kelly A. Persinger, Massaro W. Ueti, Pia U. Olafson
11:30 AM	Effects of a tick salivary antigen cocktail to develop an anti-tick vaccine for white-tailed deer	Alec S. Baker*, Kelly A. Persinger, Albert O. Mulenga, Pia. U. Olafson, and Tammi L. Johnson
11:45 AM	Garlic feed-through failed to control horn flies	Chris Holderman