WEBINAR

Human-Animal Interactions in Health & Disease

November 15th
10-11:30 A.M.
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<th>Time</th>
<th>Speaker</th>
<th>Topic</th>
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<td>10:00-10:05</td>
<td>Jannette Dufour, Ph.D.</td>
<td>Welcome</td>
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<td>10:05-10:10</td>
<td>Leslie Thompson, Ph.D.</td>
<td>Brief Introduction</td>
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<td>10:11-10:16</td>
<td>Katy Schroeder, Ph.D., NCC</td>
<td>Equine-Assisted Interventions: A New Frontier in the Care and Management of Children Obesity</td>
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<td>10:17-10:22</td>
<td>Heidi Brady, Ph.D.</td>
<td>Benefits of Hippotherapy for Young Children with Developmental Delay</td>
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<td>10:29-10:37</td>
<td>Nathan Hall, Ph.D., &amp; Jason Van Allen, Ph.D.</td>
<td>The Effects of Pet Dogs on Children’s Physical Activity</td>
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<td>10:44-11:30</td>
<td>Q&amp;A</td>
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Dr. Thompson is a professor in the Department of Animal and Food Sciences and former chairman and associate chairman. She has a doctorate degree in Food Science and Human Nutrition from the University of Florida, as well as, an M.S. in Poultry Products Technology, and a B.S. in Poultry Science. She conducts research in food composition, quality and safety and teaches a variety of food sciences courses at the undergraduate and graduate level. She is the undergraduate program coordinator for Food Science, co-director of the TTU Therapeutic Riding and Therapy Center and recently served as the interim co-director of the TTU Equestrian Center. A second area of research interest is in hippotherapy as a treatment modality for children with developmental delay. She interacts with the food processing and retailing industry through consulting, research and outreach as well as being involved in the equine industry. She is a member of the TTU Obesity Research Institute, TTU Global Food Security Group, and the International Center for Food Industry Excellence.

Katy Schroeder, Ph.D., NCC is an Assistant Professor of Companion Animal Science in the Department of Animal & Food Sciences at Texas Tech University. She directs the Human-Equine Interaction Lab, and the Equine-Assisted Counseling and Wellness program through the Texas Tech Therapeutic Riding Center. Her research and scholarship broadly explore human-animal interactions with a special focus on outcome research in mental and behavioral healthcare treatments involving horses. Her research efforts currently involve three interconnected foci: investigating dimensions of the human-equine relational bond, exploring active treatment components in equine-assisted mental health interventions, and determining what characteristics, traits, behaviors, and environmental considerations contribute to therapy horse success and longevity. Her expertise in human-equine interactions is grounded in over 20 years combined experiences as a competitive equestrian, mental health counselor, PATH, Intl. certified therapeutic riding instructor, and PATH, Intl. certified equine specialist in mental health and learning.
Dr. Heidi Brady is a Professor in the Department of Animal and Food Sciences at Texas Tech University, where she has taught Equine Science for 26 years. Dr. Brady received her Ph.D. from Texas A&M University and is a Diplomat in Animal Physiology in the American College of Animal Physiologists (ACAP). She began the Texas Tech Therapeutic Riding Center (TTRC) in 1998, and currently serves as the Co-Director of this PATH Intl. Premier Center. Dr. Brady is a co-author of the textbook “The Comprehensive Guide to Equine-Assisted Activities and Therapies” (Dewkett, Brady and Hernandez) and well as “Horses in the American West. Portrayals by Twenty-Four Artists.”. She is PATH Intl. Therapeutic Riding Instructor, has served on several PATH Intl. Committees, and presented in the field of EAAT at the national and international level.

Dr. Arlene Garcia-Marquez is a Presidio, Texas, native with a research focus in animal behavior and welfare. She is a PAACO certified multi-species animal welfare auditor, a licensed veterinary technician, and animal welfare consultant for various industry groups.

Dr. Garcia has vast experience in animal welfare auditing standards to prepare local producers for third party audits. She is the Texas Tech University (TTU) president elect for the Latino Hispanic Faculty and Staff Association, the Chair for the Animal Behavior and Well-being Program for the American Society of Animal Science (ASAS), and a member of the Diversity, Equity, and Inclusion Committee for ASAS and for the International Society of Applied Ethology (ISAE), and Co-Chair of the Cultural Competence Committee for the TTU- School of Veterinary Medicine. Dr. Garcia provides service to other areas at her home institution, as well as for industry.
Nathan Hall, Ph.D.
Assistant Professor of Companion Animal Science
Director of the Canine Olfaction Research and Education Laboratory
Texas Tech University

Nathan Hall & Dr. Hall is an Assistant Professor of Companion Animal Science at Texas Tech University and the Director of the Canine Olfaction Research and Education Laboratory in the Department of Animal Science. Dr. Hall earned his PhD at the University of Florida, specializing in the study of Behavior Analysis and canine olfaction. As a post-doc, he continued his studies at Arizona State University investigating the optimization of training to enhance canine’s detection of Homemade Explosives. At Texas Tech, his work continues to explore canine olfactory perception and how experience influences odor perception. His lab also investigates predictors and correlates of problem behavior, behavioral predictors of working aptitude, and canine health. Throughout his career, Dr. Hall has published numerous peer-reviewed scientific publications and book chapters on canine olfaction and detection abilities.

Jason Van Allen, Ph.D.
Associate Professor
Director of Clinical Training, Clinical Psychology Program
Texas Tech University

Dr. Jason Van Allen is an Associate Professor and the Director of Clinical Training for the Clinical Psychology Program at Texas Tech. He completed his academic training at the University of Kansas, where he received a Ph.D. in the Clinical Child Psychology. Later, he completed his predoctoral internship in Behavioral Health and Clinical Psychology at Cincinnati Children’s Hospital Medical Center.

Dr. Van Allen’s research has been focused on pediatric obesity, and child health behavior and outcomes more generally. For example, his research has examined both parent and child factors associated with health outcomes, the clinical outcomes of pediatric obesity interventions, and the importance of human-animal interactions in children’s health behavior. Dr. Van Allen has received external grant funding from multiple sources, including the NICHD, NIMH, and USDA/NIFA, as well as multiple internal funding awards from TTU. His research has involved collaborations with faculty in Animal & Food Sciences, Landscape Architecture, local child care centers, schools in rural West Texas communities, TTUHSC/UMC, and the TexPREP academic summer program here at TTU.
Dr. Anastasia Stellato is the newly appointed Assistant Professor in Companion Animal Science in the Department of Animal and Food Sciences. From Toronto, Canada, Dr. Stellato earned her PhD in Epidemiology at the Ontario Veterinary College and completed her post-doctoral research in companion animal welfare at the University of Guelph. She is an expert in companion animal behavior, with a professional background in advising the public on responsible pet ownership, identifying companion animal behavior, and helping owners perform appropriate behavior modifications. Her current research program aims to evaluate the impact of human-animal interactions on the behavior and welfare of companion animals, and to identify ways to prevent and reduce animal stress. Her research evaluates companion animal welfare, the human-animal bond, and mental wellness of humans to improve the human-animal relationship within various applied environments, including veterinary and shelter settings.
Acknowledgements

Thank you to the Webinar Organizing Committee

Naima Moustaid-Moussa
Cristal P. Sanchez
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Crystal Price
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Leslie Thompson
Yujiao Zu

Acknowledgements

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