

2025 Hambletonian Continuing Education Seminar *
The Park at Meadowlands Hotel, E. Rutherford, N.J.
Friday, August 1, 2025
8:00 am – 6:05pm



Approved as a New York State
sponsor of continuing education for
veterinarians and veterinary technicians

7:00-7:45 am Registration & Continental Breakfast

Exhibit Area: Trade Show Opens

7:45-8:00 AM Welcome Seminar Participants

8:05-9:05 AM Derby East

Forage in Focus: Considerations for Optimal Equine Health and Welfare

(Sponsored by Standlee Western Forage)

Kelly Vineyard PhD

Dr. Kelly Vineyard is a PhD Equine Nutritionist and founder of EquiVine PhD Nutrition, a consulting firm dedicated to advancing science-based equine nutrition principles that promote optimal horse health and performance. With over 16 years of experience in the feed industry, Dr. Vineyard specializes in bridging the gap between cutting-edge nutrition research and real-world solutions. She holds a BS in Animal and Dairy Sciences from Auburn University, as well as an MS and PhD in Animal Sciences with an emphasis in Equine Nutrition from the University of Florida. A lifelong horsewoman, Dr. Vineyard is also a USDF Bronze and Silver Medalist in the sport of dressage.

This talk will explore the critical role of forage in maintaining equine health, with an emphasis on gastrointestinal function, metabolic stability, behavioral wellness, and disease prevention. How forage quality, availability, and feeding strategies directly influence common clinical conditions. Practical recommendations for optimizing forage management.

8:05-9:05 AM Derby West

Farriery in the Age of Gait and Objective Gait Assessment: What have we learned? (sponsored by Shreiber School of Veterinary Medicine)

Patrick Reilly Grad Dip. ELR

Pat has been a farrier for 35 years and is employed by Rowan University's Shreiber School of Veterinary Medicine as an Assistant Professor of Equine Podiatry. Pat has previously worked at the University of Pennsylvania's School of Veterinary Medicine as well as several other veterinary referral centers. A graduate of the Royal Veterinary College's Equine Locomotor Research graduate diploma program in 2022, his research interests include objective quantification of equine gait and the influences of farrier practices.

In the past 20 years technology formerly limited to a few research centers has become increasingly available to practitioners in the field and for the assessment of individual cases. This lecture will review new technologies and focus on how this information may be considered and utilized in ambulatory practices of veterinarians and farriers. What is "balance"? How do various horseshoes change gait? How can new technologies provide us with a new view on centuries of tradition in hoofcare.

9:10-10:10 AM Derby East

Dr. Philip Van Harreveld DVM, MS, DACVS-LA

Advanced Field Case Management Scenarios 3.0 (sponsored by Merck Animal Health)

Dr. van Harreveld received his Doctor of Veterinary Medicine from North Carolina State University in 1996. In 1997, he completed a one-year internship in equine medicine and surgery at Kansas State University. After developing a strong interest in equine surgery, Dr. van Harreveld completed an equine surgery residency, as well as a Master's degree in clinical sciences at Kansas State University. In 2001, Dr. van Harreveld was certified by the American College of Veterinary Surgeons in equine surgery. Prior to joining Merck Animal Health, Dr. van Harreveld founded and operated Vermont Large Animal Clinic, an equine field service and surgical referral hospital in the Burlington, VT area for over 22 years. Areas of interest include lameness examination, soft tissue and reproductive surgery, and the management of medical and surgical equine colic.

- "Street nails" decision making process.
- Managing "gravel foot"
- "Blood in the urine": rule outs and diagnosis

9:10 - 10:10 AM Derby West

Rehabilitation and Shoeing Strategies for Tendon and Ligament Injuries in Horses

Dr. Kara Anne Brown VMD, DACVSMR

Kara Brown is from Washington State. She graduated from the University of Pennsylvania School of Veterinary Medicine before completing a private practice equine internship at Woodside Equine Clinic, followed by a large animal rotating internship at the University of Pennsylvania, New Bolton Center. She went on to complete a fellowship in Large Animal Cardiology and Ultrasound and a residency in Equine Sports Medicine and Rehabilitation, also at New Bolton Center, becoming boarded with the ACVSMR in 2021. She is currently an Assistant Professor of Equine Sports Medicine and Rehabilitation at New Bolton Center, with a clinical and research appointment. Her areas of clinical and research interest include evidence based rehabilitation, axial skeletal pain, and poor performance in the athletic horse.

This lecture will provide an in-depth overview of the key principles and practices involved in the rehabilitation and shoeing of horses recovering from tendon and ligament injuries. The lecture will begin by reviewing common tendon and ligament injuries in horses, including the pathophysiology behind these injuries. We will discuss modalities for rehabilitation intended to improve quality of healing and outcome in tendon and ligament injuries including the data supporting these modalities. Finally, we will explore the complex role that farriery plays in supporting the healing process and enhancing the horse's return to soundness and performance.

10:10-10:40 AM Exhibit Area Morning Refreshments

10:45-11:45 AM Derby East

Strategic Use of Fiber, Starch and Sugar To Optimize Equine Health (Sponsored by Triple Crown Nutrition)

Dr. Burt Staniar

Dr. Staniar is an Associate Professor in the Department of Animal Science at the Pennsylvania State University. He has been a member of the faculty at Penn State since 2007. He teaches Advanced Equine Nutrition. He is also advisor for the Equine Research Team at Penn State, an undergraduate student organization that aims to provide students more opportunities to learn about and experience equine research. His current research centers on gastrointestinal health with a focus on feeding and exercise management practices related to systemic inflammation. Dr. Staniar is particularly

interested in studying the nutrition and management of equine athletes to enhance both performance and health.

This talk will provide an in-depth discussion on the strategic role of fiber, starches, and sugar in equine diets. This talk will explore how the balance and type of these carbohydrates can influence digestive health, metabolic function, and athletic performance in horses. Attendees will gain practical insights into evaluating and formulating feeding strategies tailored to individual needs and disciplines. Designed for equine veterinarians and professionals, this session bridges current research with real-world application to support optimal equine health and performance."

10:45-11:45 AM Derby West

Practical Diagnostics for the Equine Practitioner: Tips for diagnostic selection, interpretation and case examples

Dr Toby L. Pinn-Woodcock DVM, DACVIM

Dr. Toby Pinn-Woodcock is a member of the Veterinary Support Services team at the Cornell Animal Health Diagnostic Center (AHDC) and a clinician in Large Animal Internal Medicine Service at the Cornell Equine and Nemo Farm Animal Hospital. Dr. Pinn-Woodcock received her doctorate in veterinary medicine from the University of Wisconsin School of Veterinary Medicine in 2008, after which she completed a residency in large animal internal medicine at Cornell. Dr. Pinn-Woodcock spent six years in private practice, which included equine ambulatory and referral practice, companion animal and large animal production medicine. She returned to Cornell in 2018 in her current role at the AHDC and the College of Veterinary Medicine. Her areas of interest and research include large animal infectious disease and equine endocrinology.

During this session Dr. Pinn-Woodcock will review essential types of specimen collection containers and transport media to stock in your truck or clinic, best practices for sample handling and the recommended diagnostic approach to common equine workups, including infectious respiratory, neurologic, and gastrointestinal disease, hepatitis and more. Equine case examples will be used throughout the session to highlight important learning points.

11:50-12:50 PM Derby East

Equine Sinonasal and Dental Disease: Improving Case Management with Cross-sectional Imaging

James A. Orsini, DVM, Dipl. ACVS

Alex Scharf, DVM, PhD, Dipl. ACVR, Dipl. ACVR-EDI

James A. Orsini is an Associate Professor of Surgery, School of Veterinary Medicine, University of Pennsylvania. Dr. Orsini received his DVM from Cornell University and completed his internship, surgery residency, and fellowship/lectureship training at the University of Pennsylvania's New Bolton Center campus. He is board certified in surgery by the American College of Veterinary Surgeons with a special interest and expertise in orthopedic and reconstructive surgery, and laminitis, amongst other surgery areas. He has published extensively on equine pediatric surgery, antimicrobials, laminitis, gastric ulcers, pain, and anti-inflammatory medications with several hundred publications.

Dr. Scharf completed her undergraduate at Cornell University, followed by her doctoral studies and DVM at the University of Georgia. She then completed rotating internships in large and small animal medicine followed by a diagnostic imaging residency at Ohio State University. She received her board certification with the American College of Veterinary Radiology in 2023 and her certification for equine diagnostic imaging specialty in 2024.

When skull radiographs fall short of explaining clinical signs or obtaining a definitive diagnosis, cross-sectional imaging can provide invaluable information for case management. Computed tomography (CT) is a cross-sectional imaging modality that uses ionizing radiation to generate three-dimensional images. CT is increasingly available at referral centers, and in many cases can be performed in the standing horse under sedation. CT reduces superimposition in regions of complex anatomy, increasing diagnostic precision and accuracy. CT can also be used to guide therapeutic interventions and tissue sampling. This presentation reviews the anatomy of the head, discusses indications for cross-sectional imaging of the head, and uses clinical cases of dental and sinonasal disease to demonstrate how cross-sectional imaging can streamline your diagnostic workup and improve patient outcomes.

11:50-12:50 PM Derby West

Lighting the Way to Equine Recovery: What can we achieve with Equine Laser Therapy (sponsored by Indiba/K-Laser)

Natalie Calle Gonzalez DVM, MSc

Dr. Natalie Calle González is a veterinarian, researcher, and PhD candidate at the Equine Sports Medicine Center, University of Cordoba, Spain. With a Master's degree in Equine Sports Medicine, she focuses on rehabilitation, biomechanics, injury prevention, and the application of advanced therapeutic technologies such as radiofrequency and laser. She has international training, including at the Equine Performance Innovative Center (EPIC) in the USA, and contributes to postgraduate teaching. Dr. Calle González has shared her research at more than 20 international conferences and is fluent in English and French. Her work is characterized by a multidisciplinary and forward-thinking approach to equine healthcare...

In this session, we will explore the growing role of laser therapy in equine medicine. Participants will gain an understanding of the scientific principles behind laser therapy, its mechanisms of action, and the therapeutic benefits it offers in injury management, pain reduction, and performance recovery. Through real clinical cases and outcome data, we will highlight how this non-invasive technique is being used to support faster, safer, and more effective recovery in sport horses.

12:50-2:50 PM

Exhibit Area Exhibitor Displays and Buffet Lunch

2:50-3:50 PM Derby East

Generative AI Trends in Veterinary Medicine (sponsored by Talkatoo)

Shawn Wilkie is a serial entrepreneur and technology enthusiast who has founded six companies over the past 20+ years. As a passionate supporter of the pet health industry, Shawn has worked tirelessly to create tools that positively impact veterinary professionals both in their day-to-day clinical operations and personal lives. Shawn is currently the CEO of Talkatoo, a company that provides dictation software that saves veterinary professionals time on record-keeping. Talkatoo reduces burnout allowing veterinary professionals to spend more time with their patients. He also produces and co-hosts the top-rated Veterinary Innovation Podcast.

This presentation explores the rapid advancements of Generative AI, highlighting its increasing intelligence and potential to transform veterinary medicine. This talk will explore cutting-edge applications such as autonomous surgeries, AI-driven radiology, and efficiency-boosting innovations for veterinary practices, showcasing how AI is set to reshape the future of animal care. As pet owners increasingly turn to AI for diagnosing their pets, this talk will show how to use AI and whether or not it should be embraced or approached with caution.

2:50-3:50 PM Derby West

Advanced Acupuncture Techniques and Cases (sponsored by International Veterinary Acupuncture Society IVAS)

Dr. Quinley Koch , Mag, DVM, IVCA, CVA

Dr. Quinley Koch received her bachelor's from Fort Hays State University in 2002 and received her Master of Agriculture from Texas A&M in 2005. She graduated from Oklahoma State University Veterinary Program in 2010. She achieved certification with the International Veterinary Chiropractic Association in 2012 and completed the International Veterinary Acupuncture Society's Certification in Veterinary Acupuncture in 2016. She started her own integrative practice in 2012 and is now almost exclusively practicing integrative medicine. She is currently an equine case instructor for the US IVAS Certification Course in Veterinary Acupuncture.

This talk will cover advanced acupuncture techniques including aquapuncture, hemopuncture, moxa and other advanced techniques. In addition, we will go over advanced acupuncture techniques covering cases such as EPM, pelvic dysfunction, geriatric care, rehabilitation care and more! We will cover both performance horses and your average companion horse.

3:55-4:55 pm Derby East

Optimization of the Equine Athlete (sponsored by American Regent Animal Health)

Dr. Sherry Johnson PhD, DVM, MS, DACVSMR

Dr. Sherry Johnson currently serves as a Senior Partner and Managing Rehabilitation Veterinarian at Equine Sports Medicine & Rehabilitation with rehabilitation centers located both in Whitesboro, TX and Scottsdale, AZ. She received her DVM from Iowa State University and completed her equine sports medicine and rehabilitation residency in addition to her PhD at Colorado State University. She is board certified in Sports Medicine and Rehabilitation and the recipient of several prestigious awards, including AAEP's President Award in 2020.

In this presentation, Dr. Sherry Johnson will cover out-the-door strategies to improve the performance and recovery of equine athletes, including how to promote a more normal gate, enhance function, reduce pain, and facilitate athletic recovery. She will discuss custom, patient-specific care utilizing a multi-modal approach to address specific injuries and co-morbidities.

3:55-4:55 PM Derby West

What's bugging our horses? Updates on Equine Tickborne Diseases
Dr Toby Pinn Woodcock DVM, DACVIM

(See her biography from her 10:45-11:45 AM talk)

Dr. Pinn-Woodcock will review three tick borne diseases infecting horses, including Anaplasmosis and Lyme Disease which are endemic in the United States, and the foreign animal disease Piroplasmosis. This session will focus on the approach to

diagnosis, treatment, and prevention of these diseases, and provide updates from recently published literature.

4:55-5:05 PM Exhibit Area Afternoon Break

5:05-6:05 PM Derby East

Equine Tarsal Pain: Optimizing Case Management with Multimodality Imaging

Andrew Collins, MVB, MRCVS and James A. Orsini, DVM, Dipl. ACVS

(See biography for Dr. Orsini from 11:50- 12:50 PM talk)

Dr. Collins grew up on a commercial Thoroughbred stud farm in Co. Kildare, Ireland and worked in various roles in the racing industry before obtaining his veterinary degree from University College Dublin, Ireland. He then completed a surgical internship at Hagyard Equine Medical Institute, Lexington, KY prior to working as a racetrack and sports medicine clinician in Johannesburg, South Africa and Newmarket, UK. He joined the University of Pennsylvania's New Bolton Center in 2024 as a Resident in Equine Diagnostic Imaging (ACVR-EDI)

Tarsal and proximal metatarsal pain are common causes of acute and chronic lameness in performance horses. Accurate diagnosis of conditions affecting the tarsal region presents a significant clinical challenge. Local analgesia may be non-specific, and radiographs and ultrasonography often fall short of explaining clinical signs. Cross-sectional imaging modalities such as magnetic resonance imaging (MRI), computed tomography (CT) and positron emission tomography (PET) increase diagnostic accuracy and improve patient outcomes by providing useful information to guide prognostication, treatment and rehabilitation. This presentation provides an overview of tarsal anatomy and approaches to diagnostic analgesia of the region, discusses indications for cross-sectional imaging of the tarsal region and demonstrates effective clinical approaches to imaging horses with lameness localized to the tarsal region using case examples.

5:05-6:05 PM Derby West

Equine Regenerative Therapy: Autologous Blood Products (Sponsored by Dechra Veterinary Products)

Greg Schmid DVM

Dr Schmid is an Equine Professional Services Veterinarian with Dechra Veterinary Products and a lifelong equestrian with a background in Eventing and Dressage. He earned his B.S. in Equine Science from Otterbein University and his DVM from The Ohio State University. Following graduation, he completed an internship at B.W. Furlong & Associates in New Jersey, then continued in private practice, focusing on the treatment of sport horses across a variety of disciplines along the East Coast and Pacific Northwest. Greg joined Dechra in 2020 and is an active AAEP member, serving on the Student Engagement Committee.

This presentation delves into regenerative medicine's fundamental principles and therapeutic objectives, focusing on equine applications. Attendees will explore the FDA-CVM's definitions and regulations for medical devices and essential safety considerations in clinical practice. The session concludes with an in-depth examination of autologous blood products (ABPs) commonly utilized in equine practice, emphasizing their biochemical components, processing methods, and insights from current research.

