

Date	Time (EDT)	Topic	Speaker	Description	Speaker Bio
3/20/2022	5:00 - 7:00 pm	SPECIAL EVENT, Sponsored by The Stronach Group: Cardiac Auscultation for the Regulatory Veterinarian	Molly McCue DVM, MS, PhD, DACVIM	Dr. McCue and other experts from the University of Minnesota College of Veterinary Medicine will discuss cardiac arrhythmias and their implications in the health and performance of racing horses. Participants will be guided through auscultation techniques and stall-side electrocardiograms (ECGs) on live horses. (Meal and beverages provided.)	Dr. McCue is Professor and Associate Dean of Research at the University of Minnesota College of Veterinary Medicine. She earned her veterinary degree followed by a Master's Degree program and residency in Internal Medicine at Kansas State University. She completed her PhD and post-doctoral work at the University of Minnesota. She is a diplomate of the American College of Veterinary Internal Medicine. Her research focuses on the genetic basis of animal disease and she is currently investigating alleles potentially causative of atrial fibrillation in standardbred horses.
3/21/2022	8:00	Welcome/Logistics	Mary Scollay, DVM		
3/21/2022	8:15 - 9:15 am	The Role of the Veterinarian-Practicing & Regulatory in Equine Infectious Disease	Peter Timoney MVB, MRCVS, MS, PhD, FRCVS	Dr. Timoney will present an historical perspective of the global distribution of equine infectious disease. He will discuss the impact of changing geopolitical boundaries and the impact of international trade on the spread of equine diseases by presenting overviews of regional, national, and international disease outbreaks and epidemics.	A former president of the World Equine Veterinary Association, Dr. Timoney received his MRCVS from the Royal College of Veterinary Surgeons, London, his Masters' Degree from the University of Illinois, and having had enough of the Midwest completed his PhD at Trinity College, University of Dublin. Over his career he has received awards and recognitions from the USDA, the American Horse Council, AAEP, the New Zealand Equine Health Association, among many others, for his contributions to the field of equine infectious disease. He has been designated by the O.I.E. (World Organization for Animal Health) as a world expert on equine viral arteritis and equine rhinopneumonitis.
3/21/2022	9:15 - 10:15 am	Influenza: Lessons learned from outbreaks in immunized and naïve populations	Richard Newton, BVSC, MS, PhD, FRCVS	Dr. Newton will discuss current knowledge of Equine Influenza virus and provide an assessment of the spread of influenza in naïve and vaccinated populations and lessons learned from outbreaks affecting horseracing populations (Australia, 2007; UK 2019).	Dr. Newton, Director of Epidemiology & Disease Surveillance, Equine Infectious Disease Surveillance (EIDS) Department of Veterinary Medicine, University of Cambridge, earned his veterinary degree at the University of Liverpool. He joined the Animal Health Trust (AHT) in 1994, and completed his Masters, PhD and RCVS Fellowship before taking over the leadership of the AHT epidemiology group in 2005. He has over 20 years' experience of surveillance and applied research into infectious diseases and is internationally recognized for his analysis of disease outbreaks including the Australian horse flu outbreak in 2007 and more recently, the UK equine influenza epidemic of 2019.
	10:15 - 10:30	BREAK			
3/21/2022	10:30 - 11:30 am	EHV-1: Understanding diagnostic testing	Lutz Goehring, DVM, MS, PhD	Dr. Goehring will describe current testing methodologies, how and when to employ them, and how to interpret test results. He will offer practical guidance to the containment of EHV-1 in training yards and racetrack stable areas, when to assume exposure has occurred and how to manage clinically normal horses presumed to have been exposed, as well as clinically normal horses testing positive for EHV-1 (respiratory or neurotropic form of the virus).	Dr. Goehring earned his veterinary degree at Utrecht University, The Netherlands and completed a medicine residency and Masters' Degree in Immunology and Neurology at Virginia Tech. He returned to Utrecht where he completed his PhD in clinical virology and epidemiology. His current research focus is Equine Herpesvirus where he has examined latent infections, breed predilection for EHV-1 myeloencephalopathy, and environmental persistence of EHV-1. He was appointed in 2021 as Professor of Equine Infectious Diseases Gluck Equine Research Center, College of Agriculture, Food and Environment, University of Kentucky.
3/21/2022	11:30 - 12:30 pm	Vaccination and other Immunomodulatory strategies	David Horohov, MS, PhD	Dr. Horohov will discuss the foundations of immunity, how vaccines engender an immune response--which may or may not be protective against clinical disease, and other immunomodulatory strategies employed in the prevention, containment, and treatment of infectious disease.	Prior to his recent retirement from his position as Chair of the Department of Veterinary Science, Director of the Maxwell H. Gluck Equine Research Center, and Jess E. and Clementine M. Schlaikjer Endowed Chair & Professor at the University of Kentucky, Dr. Horohov established an impressive body of work in the field of immunology. He has served on Editorial Boards of multiple journals including JAVMA, AJVR, and the Journal of Veterinary Internal Medicine. He has authored over 200 peer-reviewed publications and edited book chapters in "Equine Internal Medicine," "Equine Sports Medicine and Training," and "The Veterinary Clinics of North America Equine Practice."

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Monday, March 21	12:30 - 1:15 pm	Lunch: SPONSORED by Keeneland			
3/21/2022	1:15 - 2:15 pm	Commercialization of Equine Vaccines: Truth versus Hype	Rob Keene, DVM	Dr. Keene will present a detailed discussion of the USDA vaccine approval process, required studies, and the government and industry collaboration necessary to get equine vaccines on the market. The session will also include evaluation of post-approval marketing studies and how to critically assess the data thus facilitating future vaccination decisions.	Dr. Keene is Equine Professional Services Veterinarian for Boehringer Ingelheim Animal Health, Inc. He previously served in similar roles with IDEXX Pharmaceuticals and Fort Dodge Animal Health. He earned his veterinary degree from Colorado State University, College of Veterinary Medicine and after several years in equine ambulatory practice turned his attention to product development. One of his earliest contributions was the development of the first properly labeled sand colic product. He is co-author on multiple publications associated with pharmacokinetics and pharmacodynamics of medications in development.
3/21/2022	2:15 - 3:15 pm	Current principles of antimicrobial therapy for horses	Mark Papich, DVM, MS, DACVCP	Dr. Papich will discuss the current principles of antimicrobial therapy for treating bacterial infections in horses. He will discuss the most common recommended treatments, susceptibility testing, and controversies for antibiotic selection, and problems dealing with antibiotic resistant bacteria	Dr. Papich is Distinguished Professor, Burroughs Wellcome Professorship in Veterinary Pharmacology at the College of Veterinary Medicine, North Carolina State University. He earned his veterinary degree at Colorado State University and completed a residency in Clinical Pharmacology at the University of Illinois. He has authored or edited multiple pharmacology texts including the Handbook of Veterinary Drugs (5 th edition, 2021) and Veterinary Pharmacology and Therapeutics (10 th edition, 2018). He is Review Editor for the Journal of Veterinary Pharmacology and Therapeutics.
	3:15 - 3:30	BREAK			
3/21/2022	3:30 - 5:30 pm	Gait analysis--Review of videos of horses at a range of gaits under saddle and in hand	George Mundy, DVM / William Farmer, DVM	Dr. Mundy will introduce a video surveillance system installed on the main and training tracks at Keeneland Racecourse and describe his daily monitoring of the population during training. He will demonstrate the features of the system and present videos of horses (at a range of gaits) demonstrating varying degrees of gait abnormalities for the attendees to discuss. Dr. Farmer will likewise present videos of horses under tack for attendees to evaluate and discuss.	Dr. Mundy earned his doctorate in veterinary medicine at the Ontario Veterinary College. He currently serves as Equine Safety Officer for the Keeneland Association, monitoring the health and soundness of the resident population as well as horses present for sales or race meetings. He brings to this position decades of experience as a racing regulatory veterinarian for the Kentucky Horseracing Commission, as a General Manager of prominent Central Kentucky farms, Adena Springs and Hill 'n' Dale, and as a management consultant for breeding, sales and racing operations. A graduate of Purdue University College of Veterinary Medicine, Dr. Farmer is the Equine Medical Director for Churchill Downs, Inc. Prior to joining the Churchill team Dr. Farmer was the Chief Racing Veterinarian for the Kentucky Horse Racing Commission and an Official Veterinarian with the California Horse Racing Board. Since 2010, Dr. Farmer has been a member of the panel of veterinarians assessing horses for the Breeders' Cup Championships. In 2017, Dr. Farmer participated in the organization of an Out of Competition testing program for Breeders' Cup championship event. He remains coordinator for this international testing protocol.

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Date	Time (EDT)	Topic	Speaker	Description	Speaker Bio
3/21/2022	5:30 - 8:30 pm	<p>SPONSORED by Boehringer-Ingelheim: Welcome Reception at Kentucky Derby Museum</p> <p>KEYNOTE ADDRESS: Paul Morley, DVM, MS, PhD, DACVIM; Stories from the Trenches: Lessons learned about responding to outbreaks of equine infectious disease</p>	Paul Morley, DVM, PhD, DACVIM	Dr. Morley will present overviews of multiple equine infectious disease outbreaks in a range of settings and discuss lessons learned and how they can apply to preventing or mitigating disease occurrence in a racing or training setting.	Dr. Morley is Professor and Director of Research at the Veterinary Education, Research, and Outreach Program at Texas A&M University. He earned his veterinary degree at Washington State University and his PhD at Western College of Veterinary Medicine, University of Saskatoon. Prior to his appointment at Texas A&M he was Director of Infection Control at Colorado State University's Veterinary Teaching Hospital. He has over 200 publications with emphasis on analytical epidemiology in understanding and control of diseases, investigating the ecology of pathogens and antimicrobial resistance. He is also co-author of the ACVIM Consensus Statement on EIPH and <i>Efficacy of furosemide for prevention of exercise-induced pulmonary hemorrhage in Thoroughbred racehorses (J Am Vet Med Assoc 2009 Jul1;235(1):76-82.</i>
3/22/2022	8:00 - 9:00 am	Strep equi/Strep zoo: Diagnosis and Containment in a racing environment	Laurie Beard, DVM, MS, DACVIM	Dr. Beard will discuss current knowledge on <i>Strep equi</i> and <i>Strep zooepidemicus</i> and practical strategies for diagnosis, containment, case management, and monitoring and assessing population health and risk for infection.	Dr. Beard is Equine Section Head and Clinical Professor at Kansas State University, College of Veterinary Medicine. She earned her veterinary degree at Washington State University and completed a medicine residency at The Ohio State University. Prior to starting her residency she was an associate veterinarian in a Thoroughbred racetrack practice serving Beulah Park (Grove City, Ohio). She has multiple research interests and resultant peer-reviewed publications. She has edited book chapters on topics including cardiovascular causes of exercise intolerance and non-steroidal anti-inflammatory drugs. She is currently investigating Efficacy of disinfection of endoscopes contaminated with streptococcus equi subsp. equi.
3/22/2022	9:00 - 10:00 am	Arboviral Encephalitidies (WNV/EEE/WEE/VEE):	Maureen Long, DVM, MS, PhD, DACVIM-LA	Dr. Long will present current knowledge on vector borne diseases, specifically West Nile Virus, Eastern and Western Equine Encephalomyelitis and Venezuelan Encephalomyelitis. While the horse is a dead end host for these viruses, the diagnosis of a case within a population identifies risk of exposure to other horses.	Dr. Long earned her veterinary degree at Iowa State University, completed a medicine residency at the University of Illinois, and was awarded her PhD by Washington State University. She is a Professor in the Department of Comparative, Diagnostic Medicine and Population Medicine at the University of Florida College of Veterinary Medicine. Her research has focused on vector-borne diseases. She is co-editor of Equine Infectious Diseases (2007 and 2014), and has authored numerous book chapters and peer-reviewed publications. Her first job after graduating veterinary school was in racetrack practice at Rockingham Park.
	10:00 - 10:15	BREAK			
3/22/2022	10:15 - 11:45 am	Equine Arteritis Virus:	Peter Timoney MVB, MRCVS, MS, PhD, FRCVS / Mary Scollay, DVM	Dr. Timoney will present current knowledge on Equine Arteritis Virus, discuss previous outbreaks and lessons learned, vaccination strategies and the implications of EAV titers in some countries. Dr. Scollay will make a brief presentation on the EAV outbreak at Arlington International Racecourse in the early 1990's.	Dr. Timoney (see above) Dr. Scollay, a graduate of the University of Illinois College of Veterinary Medicine, was appointed the Executive Director and Chief Operating Officer of the Racing Medication and Testing Consortium in August of 2019. For the preceding 11 years she served as the Equine Medical Director for the Kentucky Horse Racing Commission. During that time she also had an adjunct faculty appointment at the University of Kentucky. Dr. Scollay served for 21 years as a racing regulatory veterinarian in Illinois and later in Florida. She is veterinary consultant to The Jockey Club Equine Injury Database and serves on the AAEP's Racing Committee. She is also a member of the IFHA's Technical Advisory Committee and Prohibited Substances and Practices Committee. She is a Board member for the Racing Surfaces Testing Laboratory and a member of The Jockey Club.

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Tuesday, March 22	11:45 - 12:30 pm	Lunch: SPONSORED by Keeneland			
3/22/2022	12:30 - 1:30 pm	Foot & Mouth Disease	Richard Newton, BvSC, MS, PhD, FRCVS	Dr. Newton will discuss the Foot and Mouth Disease (FMD) outbreak in the United Kingdom and its impact on movement--of racehorses, other animals, vehicles, and individuals. While FMD does not affect horses, the implications of an outbreak on an entire country's activity and economy are staggering.	Dr. Newton (see above)
3/22/2022	1:30 - 2:30 pm	Humane Considerations in Equine Transport	Dionne Benson, DVM, JD	Dr. Benson will discuss equine transport through the lens of ensuring humane care and management of horses under the confinement and artificial environment created by transport vehicles--trailers, airplanes, and ships.	Dr. Benson is Chief Veterinary Officer for the Stronach Group, with responsibilities for veterinary safety, welfare, and integrity practices and protocols, as well as equine research initiatives for TSG's 1/ST Racing and training brands including Santa Anita Park, Golden Gate Fields, San Luis Rey Downs, Gulfstream Park, Gulfstream Park West, Palm Meadows, Pimlico Race Course, Laurel Park and Bowie Training Center. From 2013-2019 she was the Executive Director and COO for the RMTC. Dr. Benson earned her veterinary degree from the College of Veterinary Medicine at the University of Minnesota and her Juris Doctor (JD) from the William Mitchell College of Law.
	2:30 - 2:45	BREAK			
3/22/2022	2:45 - 5:15 pm	Role playing/Barn scenarios//Debrief session	Moderator: Mary Scollay, DVM	Attendees will be assigned to small groups each presented with a dossier describing a facility, affected horse(s), and clinical signs demonstrated. With that information groups will be tasked with managing the scenario (e.g. making a determination on testing protocols, quarantine, exercise, population surveillance, communication strategies with horsemen on site as well as stakeholders in remote locations, mandating vaccinations, etc.) Each group will make a presentation and perform a debrief for the attendees.	Dr. Scollay (see above)

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4/5/2022	Webinar 1A 4:00 - 5:00 pm	Contagious Equine Metritis	Peter Timoney MVB, MRCVS, MS, PhD, FRCVS	Dr. Timoney will present current knowledge on Contagious Equine Metritis and control strategies applied to breeding populations and transient racing populations.	A former president of the World Equine Veterinary Association, Dr. Timoney received his MRCVS from the Royal College of Veterinary Surgeons, London, his Masters' Degree from the University of Illinois, and having had enough of the Midwest completed his PhD at Trinity College, University of Dublin. Over his career he has received awards and recognitions from the USDA, the American Horse Council, AAEP, the New Zealand Equine Health Association, among many others, for his contributions to the field of equine infectious disease. He has been designated by the O.I.E. (World Organization for Animal Health) as a world expert on equine viral arteritis and equine rhinopneumonitis.
4/19/2022	Webinar 2A 4:00 - 5:00 pm	Equine Infectious Anemia and Piroplasmosis in the U.S.: The Role of Iatrogenic Transmission in Disease Spread	Angela Pelzel-McCluskey, DVM, MS	Dr. Pelzel-McCluskey will discuss blood-borne equine infectious diseases, including piroplasmosis and equine infectious anemia. She will cite case histories and investigative findings where the practice of blood doping resulted in a threat to both horse health and racing integrity.	Dr. Pelzel-McCluskey earned her veterinary degree from Texas A&M University and her Masters' Degree in Immunology and Infectious Disease from Washington State University. She currently serves as Equine Epidemiologist, USDA-APHIS-Veterinary Services (Ft. Collins, CO) where she publishes nation-level situation and epidemiological reports, supports responses to domestic equine infectious diseases, and contributes to national preparedness for foreign and transboundary animal diseases.
4/19/2022	Webinar 2B 5:00 - 6:00 pm	Know Your Resources before you need them. Who will pick up that phone on the weekend?	Mike Short, DVM	A discussion of what information the racing regulatory veterinarian should maintain for experts, service providers, regulatory colleagues, and industry stakeholders in preparation for responding to a disease outbreak.	Dr. Short earned his veterinary degree at the University of Florida. He has served the Florida Department of Agriculture in a range of capacities since 2004. His current is State Veterinarian/Director Florida Department of Agriculture and Consumer Services, Division of Animal Industry. He has served as a valuable resource to racing and other equine sport stakeholders in the management of outbreaks of EHV-1, Strangles, and other equine infectious diseases.
5/3/2022	Webinar 3A 4:00 - 5:00 pm	USDA Export/Import process in the US and Interstate transport of horses	Patti Marquis, DVM / Kandace Debolt, DVM	Dr. Marquis, USDA veterinarian at Miami International Airport and practicing veterinarian Dr. Debolt will discuss the USDA import/export process through the lens of the regulator and practitioner.	Dr. Marquis earned her veterinary degree from Atlantic Veterinary College (Prince Edward Island). She currently serves as Supervisory Veterinary Medical Officer United States Department of Agriculture, Animal and Plant Health Inspection Service, Veterinary Services, at the Miami Animal Import Center. Dr. Debolt earned her veterinary degree at Auburn University. She is currently equine import/export specialist with Lexington Equine Medical and has facilitated the export of horses to China, Singapore, Japan, Europe, Chile, Australia, New Zealand, Saudi Arabia, Turkey, Dubai and Argentina.
5/3/2022	Webinar 3B 5:00 - 6:00 pm	British Horseracing Authority: Equine Welfare Assessment	David Sykes, DVM, MRCVS/ Siobahn Mullan, BVMS, PhD DWEL DipECAWBM (AWSEL), MRCVS, RCVS	The British Horseracing Authority has developed a quantifiable metric to assess equine welfare by using control groups relevant to the individual horse, or population under evaluation. Dr. Sykes will present on the development and application of the assessment. Interested individuals will be invited to participate in performing assessments.	Dr. Sykes joined the BHA from his previous position of Head Veterinary Officer for the Emirates Racing Authority where he concurrently held the office of Head of the Veterinary Department for the UAE which includes responsibilities for Government liaison, quarantine and import/export controls and testing. Before entering regulatory practice he was for over 20 years engaged in private equine practice. Dr Mullan, BVMS PhD DWEL DipECAWBM(AWSEL) MRCVS, RCVS and European Specialist in Animal Welfare Science, Ethics and Law is Professor of Animal Welfare and Ethics, University College Dublin Vet School .
5/17/2022	Webinar 4A 4:00 - 5:00 pm	Effective communication strategies during disease outbreaks	Katie Flynn, DVM	Communication with stakeholders on site--owners, trainers, and veterinarians of presumed unexposed, exposed, and affected horses require timely information. Likewise, offsite venues with populations that are likely to interact with horses from the affect location expect clear, accurate, and timely disclosure of ongoing events. This session will cover information disclosure responsibilities, who vets and disseminates the information, and how multiple audiences with a broad spectrum of understanding of equine infectious disease are kept informed.	Dr. Flynn, State Veterinarian for the Kentucky Department of Agriculture earned her veterinary degree at the University of Glasgow, Scotland. She came to the position from the California Department of Food and Agriculture where she served as Outreach & Education Veterinarian for Equine Health Programs. She serves on the US Animal Health Association and the American Horse Council. She has extensive domestic and international experience in epidemiologic disease investigations, drafting and enforcement of regulations, and emergency disease response.
5/17/2022	Webinar 4B 5:00 - 6:00 pm	Biosecurity readiness at the racetrack--A practical approach--before, during, and after a disease outbreak.	Josie Traub-Dargatz, DVM, MS, PhD, DACVIM	Dr. Traub-Dargatz will discuss practical biosecurity measures for routine implementation to minimize disease incursion into a population AND biosecurity measures relevant to active disease outbreaks.	Dr. Traub-Dargatz is a diplomate in the ACVIM and Professor Emeritus at Colorado State University (CSU), College of Veterinary Medicine and Biomedical Sciences having joined the veterinary faculty in 1983. Her initial focus on clinical care of individual patients evolved into an interest in population health. She served as the Equine Commodity Specialist for USDA APHIS VS Center for Epidemiology and Animal Health and was involved in all of the National Animal Health Monitoring System (NAHMS) Equine Studies.

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5/31/2022	Webinar 5A 4:00 - 5:00 pm	Transport, Stress & Horse Health	Erica Jacquay	Stress can suppress immune function and transport can induce stress. Ms. Jacquay will present research findings identifying novel techniques for monitoring stress in horses during transport.	Erica Jacquay is a PhD candidate in Veterinary Science at the University of Kentucky. She earned her Master's Degree at Kansas State University. Her research focuses on understanding stress and the equine immune response to transportation. She developed and conducted a nationwide survey on equine transportation management and implemented non-invasive monitoring techniques to evaluate cortisol, heart rate and cytokines from various classes of horses before and after transportation.
5/31/2022	Webinar 5B 5:00 - 6:00 pm	Japanese Encephalitis	Maureen Long, DVM, MS, PhD, DACVIM-LA	Dr Long will discuss the current challenges with Japanese Encephalitis and its similarities to WNV.	Dr. Long earned her veterinary degree at Iowa State University, completed a medicine residency at the University of Illinois, and was awarded her PhD by Washington State University. She is a Professor in the Department of Comparative, Diagnostic Medicine and Population Medicine at the University of Florida College of Veterinary Medicine. Her research has focused on vector-borne diseases. She is co-editor of Equine Infectious Diseases (2007 and 2014), and has authored numerous book chapters and peer-reviewed publications. Her first job after graduating veterinary school was in racetrack practice at Rockingham Park.
6/14/2022	Webinar 6A 4:00 - 5:00 pm	Foreign Animal Diseases- Knocking at the Door	Allen Page, DVM, PhD	Dr. Page will discuss which populations worldwide are naïve to specific diseases. What may be recognized as a FAD in one country may be endemic in another--resulting in differing responses when a specific pathogen is identified.	Dr. Page earned his veterinary degree at the University of California, Davis. He earned his PhD and completed a post-doctoral fellowship at the the UK. After completing his term as a post-doctoral scholar at UK he served Veterinary Medical Officer for USDA, APHIS, VS, National Import Export Service before returning as scientist veterinarian at UK's Gluck Equine Research Center.
6/14/2022	Webinar 6B 5:00 - 6:00 pm	Quarantine on the fly, making do with what you've got	Katie Flynn, DVM	Not every racetrack and training yard has a quarantine facility prepped and ready for use. Many venues will be required to assess existing structures and their level of occupancy to establish a humane and effective quarantine facility. Dr. Flynn will discuss approaches to retrofitting an existing facility to serve as a quarantine unit, and also practical infection control strategies for safely introducing new horses into a barn.	Katie Flynn, DVM (see above)
6/28/2022	Webinar 7A 4:00 - 5:00 pm	Investigation of an Unknown Disease	Emma Adam, DVM, PhD, DACVIM, DACVS	Dr. Adam will share her experience in identifying a previously uncharacterized Rotavirus that resulted in an outbreak of foal diarrhea on Central Kentucky farms in 2020. While foal diarrhea is clearly not a matter of interest within racing populations, the methodical approach to identifying a novel pathogen is.	Emma Adam, DVM, PhD, DACVIM (see above)
6/28/2022	Webinar 7B 5:00 - 6:00 pm	Infectious causes of diarrhea in the adult horse	Nathan Slovis, DVM, MS, DACVIM	Diarrheal disease in adult horses can be of infectious, parasitic, toxic, dietary, or unknown origin. Dr. Slovis will discuss establishing a diagnosis and instituting appropriate controls where contagious disease puts humans, horses, and other animals at risk.	Dr. Slovis is Director of the McGee Center at Hagyard Equine Medical Institute. He earned his veterinary degree from Purdue University and completed his internal medicine residency at the University of California-Davis. He is Board Certified by the American College of Veterinary Internal Medicine and a Certified Hyperbaric Technologist. Dr. Slovis has over 50 peer-reviewed publications. He has served as Editor of the Atlas of Equine Endoscopy and The Atlas of Diseases/Disorders of the Foal, and authored book chapters on Equine Neonatology and Equine Neurology.
7/12/2022	Webinar 8A 4:00 - 5:00 pm	African Horse Sickness and the impact of climate change on disease incursion into new areas	Angela Pelzel-McCluskey, DVM, MS	Dr. Pelzel-McCluskey will discuss African Horse Sickness, currently a Foreign Animal Disease in the United States, but endemic elsewhere, and an emerging threat in others due to climate change and its impact on insect and avian habitat.	Dr. Angela Pelzel-McCluskey (see above)
7/12/2022	Webinar 8B 5:00 - 6:00 pm	Zoonoses Alert	Emma Adam, DVM, PhD, DACVIM, DACVS	Dr. Adam will review zoonotic diseases affecting horses, potential for exposure, implications for human health, and practical biosecurity and education strategies to protect stable workers and others in contact with infected horses.	Dr. Adam earned her veterinary degree from the Royal Veterinary College (London, England) and completed residencies in equine internal medicine (Texas A&M University) and equine surgery (University of Pennsylvania), subsequently earning a PhD from the University of Kentucky. She is Board Certified in both Internal Medicine and Surgery, and currently serves as Associate Professor at the University of Kentucky's Gluck Equine Research Center.

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7/26/2022	Webinar 9A 4:00 - 5:00 pm	The evolution of the pre-race exam and applying soundness assessments beyond raceday	Dionne Benson, DVM, JD	Dr. Benson will discuss soundness assessment protocols implemented by The Stronach Group racetracks including requirements for attending veterinarian health and soundness affirmations for horses intended to enter or breeze, review of documentation associated with said horses, and the development of digital metrics to objectively assess equine soundness.	Dr. Benson is Chief Veterinary Officer for the Stronach Group, with responsibilities for veterinary safety, welfare, and integrity practices and protocols, as well as equine research initiatives for TSG's 1/ST Racing and training brands including Santa Anita Park, Golden Gate Fields, San Luis Rey Downs, Gulfstream Park, Gulfstream Park West, Palm Meadows, Pimlico Race Course, Laurel Park and Bowie Training Center. From 2013-2019 she was the Executive Director and COO for the RMTC. Dr. Benson earned her veterinary degree from the College of Veterinary Medicine at the University of Minnesota and her Juris Doctor (JD) from the William Mitchell College of Law.
7/26/2022	Webinar 9B 5:00 - 6:00 pm	Infectious Disease Panel Discussion: Lessons learned at ground level	David Sykes, DVM, MRCVS; Emma Adam, DVM, PhD, DACVS, Nathan Slovis, DVM, MS, DACVIM	A panel of veterinarians who have been at 'ground zero' for infectious disease outbreaks will discuss their experiences, in hindsight what they would have done differently, and how those experiences have shaped their responses to subsequent occurrences of equine infectious disease.	David Sykes, DVM, MRCVS (see above); Emma Adam, DVM, PhD, DACVIM, DACVS (see above); Nathan Slovis DVM. MS, DACVIM (see above).
On-Demand ONLY	Available: TBD	Getah Virus (pre-recorded)	Hiroshi Bannai, DVM, PhD	Getah virus (GETV) is a mosquito-borne virus that affects multiple mammalian species from Eurasia to Australasia. Horses are considered an important host for the amplification and circulation of GETV. Clinical signs include rash, fever, and limb edema. As the mosquito vectors Aedes and Culex are abundant in North America and Western Europe, it is reasonable to accept that virus incursion will occur.	Dr. Bannai completed his PhD at School of Food and Animal Hygiene, Obihiro University of Agriculture and Veterinary Medicine with his dissertation: Functional analysis of an apoptotic-related molecule, programmed cell death 5 of Toxoplasma gondii. Since 2009 he has served in the role of Senior Researcher, Equine Research Institute, Japan Racing Association. His research focus has been diagnosis and epizootiological investigation of equine viral infections (ex. equine herpesviruses, Getah virus, equine coronavirus, equine arteritis virus, equine infectious anemia virus) and investigations of herd immunity as induced by vaccination.