

2018 Welfare and Safety of the Racehorse Summit
Agenda and Speaker Bios

Wednesday, June 27, 2018

8:15 AM Welcome and Introduction

Donna Brothers, Summit Master of Ceremonies

8:20 AM Grayson Research Updates

*Dr. Stephen Reed - Research Advisory Committee Chairman,
Grayson-Jockey Club Research Foundation*

**8:30 AM Overview of Disaster Preparedness for Horse
Facilities**

*Dr. Roberta Dwyer - Extension Veterinarian, University of
Kentucky*

**9:05 AM Impacts of Weather - Equine Health and Business
Decisions**

Panel discussion on how weather affects the safety/welfare of participants and business decisions relating to the delay or cancelation of the race

*Moderator: Michael Hopkins - Executive Director, Maryland
Racing Commission*

Panelists:

Eddie Arroyo - Chief State Steward, Illinois Racing Board

*Dr. Lynn Hovda - Chief Commission Veterinarian, Minnesota
Racing Commission*

Jeff Johnston - Regional Manager, Jockeys' Guild

*Sal Sinatra - President and General Manager, Maryland Jockey
Club*

10:15 AM BREAK

10:30 AM Safety Initiatives and the Jockey

Discussion on current statistics correlating jockey injuries to horse injuries and updates on concussion management

Dr. Peta Hitchens - Research Fellow in the Equine Orthopaedic Research Group, University of Melbourne

Dr. Carl Mattacola - Associate Dean of Academic and Faculty Affairs, University of Kentucky

Dr. Kelly Ryan - Primary Care Physician Sports Medicine, MedStar Health

11:35 AM Equine Injury Database Update and Call for More Data

Update on current equine injury database and discussion on the need for more injury-related data

Dr. Tim Parkin - Professor of Veterinary Epidemiology, University of Glasgow

12:15 PM LUNCH

1:15 PM Integrity and Security - Protecting the Horse and the Integrity of the Race

Overview of connecting resources to adequately secure the facility while protecting the integrity of the race and ensuring horse and rider safety

Rick Baedeker - Executive Director, California Horse Racing Board

Dora Delgado - Senior Vice President Racing & Nominations, Breeders' Cup Limited

Marc Guilfoil - Executive Director, Kentucky Horse Racing Commission

Steve Koch - Executive Director, NTRA Safety & Integrity Alliance

Cory Martinez - Stable Surveillance & 3rd Party Lasix Coordinator, Santa Anita

2:20 PM Role of the Trainer in Racehorse Safety

Panel discussion on a myriad of topics facing the trainer and the decisions to ensure the safety of the horse

Moderator: Edward Bowen - President, Grayson-Jockey Club Research Foundation

Panelists:

Tim Glyshaw - Multiple Graded Stakes Winning Trainer

Graham Motion - Multiple Graded Stakes Winning Trainer

3:20 PM BREAK

3:30 PM Thoroughbreds Excelling as Sport Horses

How to identify Thoroughbreds as sport horse prospects and the stewardship of horses throughout their careers

Moderator: Kristin Werner Leshney - Senior Counsel, The Jockey Club

Panelists:

Alexandra Knowles - Owner, Alexandra Knowles Eventing

Katie Ruppel - Owner, Yellow Rose Eventing

Jen Roytz - Executive Director, Retired Racehorse Project

4:30 PM Racing Surfaces and the Next Generation in Racing

Update on racing surface data and move toward superintendent certification

Dr. Mick Peterson - Executive Director, Racing Surfaces Testing Laboratory; Director of Ag Equine Programs, University of Kentucky

Speaker Bios:

(in presenting order)

Edward Bowen

President, Grayson-Jockey Club Research Foundation

Since 1994, Edward L. Bowen has served as full-time president of the Grayson-Jockey Club Research Foundation, traditionally the leading source of private funding for veterinary research specifically to benefit all horses. Typically the foundation will be funding 15-18 specific projects at various universities, providing \$1,000,000 annually.

Prior to joining the foundation Bowen was a journalist covering racing for 30 years, primarily with The Blood-Horse, where he served as managing editor and then editor-in-chief. He is the author of 19 books on Thoroughbred racing.

Bowen was born in Welsh, W. Va., grew up in Fort Lauderdale, Fla., and attended the University of Florida and University of Kentucky. He was a second lieutenant in the U. S. Army Reserve. He is a past president of the Thoroughbred Club of America, and is currently a vice president of the National Museum of Racing and Hall of Fame as well as president of the American Academy of Equine Art. Bowen and his wife, Ruthie, live in Versailles, Ky., and are the parents of George Bowen, a college sophomore. Bowen also has two grown daughters, Tracy Bowen and Jennifer Schafhauser, and two granddaughters.

Donna Barton Brothers

Master of Ceremonies

Donna Barton Brothers was born with racing in her blood. Her mother, Patti Barton, was one of the first half-dozen women to be licensed as a jockey in the United States and was the leading female rider in career wins by the time she retired in 1984. Donna's father, Charlie Barton, was a rough-stock rider on the rodeo circuit and a farrier. Both of Donna's siblings, Leah and Jerry, were also professional jockeys. By

1987, when Donna embarked on a career as a jockey, her mother and both of her siblings had retired from the profession.

Brothers rode her first race at the Birmingham, Ala., track during its inaugural season. Between 1987 and 1998, she rode at Birmingham Turf Club, Rockingham Park, Suffolk Downs, Canterbury Park, Remington Park, Turf Paradise, Arlington Park, Keeneland, Churchill Downs, Gulfstream Park, Hialeah, Calder, Turfway Park, Ellis Park, Dueling Grounds (now Kentucky Downs), Monmouth Park, Belmont Park, and Saratoga—to name a few. She rode for 11 ½ years and retired in 1998 as the second leading female jockey in the country by money earned after having won 1,171 races. It was also in 1998 that she began dabbling in on-air horse racing coverage with Television Games Network (TVG), ESPN, and the Fairgrounds Race Course and then worked for Churchill Downs as an on-air racing analyst and handicapper from 1999 through 2003.

In 2000 she began working for NBC Sports as its on-track reporter and racing analyst on its Thoroughbred horse racing shows and has since covered the Kentucky Derby, Preakness Stakes, Belmont Stakes, and Breeders' Cup among many other Thoroughbred races and for NBC Sports. Working for NBC, she covered the historic Triple Crown sweeps by American Pharoah in 2015 and Justify this year.

Donna has also covered the Hambletonian Stakes, the Rolex Three Day Event, the World Equestrian Games, the AQHA World Championship Show, Professional Bull Riding (PBR), and horse racing for TVG. She was named best sideline sports reporter of 2014 by *Sports Illustrated*.

Donna is married to former trainer Frank Brothers and both have roles with Starlight Racing, of which Donna is chief operating officer.

8:20 AM Grayson Research Updates

Dr. Stephen Reed

Research Advisory Committee Chairman, Grayson-Jockey Club Research Foundation

Dr. Reed earned his Doctor of Veterinary Medicine at The Ohio State University, followed by a residency at Michigan State University. He started his academic teaching career at Washington State University from 1979-1983, and then returned to The Ohio State University where he spent 26 years as a professor and mentor in the Equine Medicine department. Dr. Reed is a Diplomate in the American College of Veterinary Internal Medicine and is a noted author and editor of numerous scientific articles and textbooks. He has spoken at many state, national and international meetings. His primary research interests include Equine Neurologic Diseases. He is currently an Internal Medicine Specialist and shareholder of the practice at Rood & Riddle Equine Hospital, Emeritus Professor of The Ohio State University, and an Adjunct Professor at the University of Kentucky. He is currently the chairman of the Grayson-Jockey Club Research Advisory Committee.

8:30 AM Overview of Disaster Preparedness for Horse Facilities

Dr. Roberta Dwyer

Extension Veterinarian, University of Kentucky

Dr. Roberta M. Dwyer is a professor in the Department of Animal and Food Sciences at the University of Kentucky where she is an extension veterinarian and teacher/pre-veterinary advisor. She has consulted on and made numerous national and international presentations about equine infectious diseases and biosecurity for more than 25 years.

She is a co-author of a national program for agricultural emergency operations planning, and an online course in animal agrosecurity. She was co-editor of the international publication "Lloyd's Equine Disease Quarterly" for over 20 years. She has been named Iowa State University Distinguished Young Alumnus, Kentucky Veterinary Medical

Association's Veterinarian of the Year, and was awarded the Joe T. Davis Outstanding Advisor Award for her activities as the pre-veterinary advisor at UK.

Dwyer graduated from Iowa State University College of Veterinary Medicine and obtained her master's degree at the University of Kentucky Department of Veterinary Science. She is board certified in the American College of Veterinary Preventive Medicine and also in veterinary epidemiology.

9:05 AM Impacts of Weather - Equine Health and Business Decisions

Moderator:

Michael Hopkins

Executive Director, Maryland Racing Commission

Prior to becoming the executive director of the Maryland Racing Commission, Hopkins served as deputy director and then acting executive director.

Hopkins spent most of his childhood in a farming environment, including a horse farm where his family stood as many as six stallions and had more than 100 broodmares. He eventually started working yearling sales and had his first job at the racetrack in 1980 taking tickets at the infield tunnel on Preakness Day.

He continued working in the racing industry and has years of experience, including as an alternate steward at Pimlico, Laurel, Timonium, and Fair Hill, and as an identifier, a placing and patrol judge, and a racing secretary's office clerk at racetracks throughout Maryland. He serves as chairman of the Association of Racing Commissioners International and has been an alternate member of the Racing Medication and Testing Consortium since 2000.

Hopkins is an avid hunter and competes at licensed American Kennel Club Field Trials for the retriever breeds. He is married with three children.

Panelists:

Eddie Arroyo

Chief State Steward, Illinois Racing Board

Eddie Arroyo is an accredited senior steward and has served as the chief racing official for the Illinois Horse Racing Board since 2002. A native of Lares, Puerto Rico, Arroyo has worked in a number of capacities within the industry since starting his career in 1965 as a jockey. During his 13 years in the saddle, Arroyo won numerous races while competing at many of the major racetracks in the United States. After hanging up his boots, Arroyo spent 11 years as a state steward in Illinois and has held several executive positions since then, including assistant to president and chairman of Arlington Park, president and CEO of Sports Network Systems, a provider of transponder satellite services to racetracks, and general manager of the National Jockey Club at Sportsman's Park. He has served on the boards of the Illinois Department of Agriculture and the Racing Industry Charitable Foundation, and was inducted into the Chicago Sports Hall of Fame in 1980.

Dr. Lynn Hovda

Chief Commission Veterinarian, Minnesota Racing Commission

Dr. Lynn Hovda is the chief commission veterinarian for the Minnesota Racing Commission and an adjunct professor at the University of Minnesota College of Veterinary Medicine. Dr. Hovda received a Bachelor of Science in Pharmacy from North Dakota State University and a Doctor of Veterinary Medicine from the University of Minnesota. She followed this with a large animal internship at the University of Georgia and a three-year internal medicine residency at the University of Wisconsin-Madison. Dr. Hovda received a Master of Science in Veterinary Science from the University of Wisconsin-Madison and was awarded board certification by the American College of Veterinary Internal Medicine.

She holds Pharmacy Board licensure in Minnesota and North Dakota and Veterinary Board licensure in Minnesota, Massachusetts, North

Dakota, Iowa, and Wisconsin. She has published scientific articles and book chapters, presented scientific abstracts, and participated in numerous educational proceedings for lay groups. She holds memberships in several professional organizations and has served on committees for the American Veterinarian Medical Association, American College of Veterinary Internal Medicine, American Association of Equine Practitioners, American Association of Poison Control Centers, and Association of Racing Commissioners International. Her educational and research interests include plants and plant-related toxicities, pharmaceuticals and pharmacokinetics, and racetrack-associated injuries. When not working, Dr. Hovda lives in rural Minnesota with her family, five or six horses, five cats, three Corgis, and a herd of goldfish.

Jeff Johnston

Regional Manager, Jockeys' Guild

Jeff Johnston started riding Quarter Horse races when he was 16 to earn money for college but a switch to Thoroughbreds three years later inspired a 2nd goal, to build a career in Thoroughbred racing. On his path to achieving his goals, Johnston received a business degree from the University of Louisville's Equine Industry Program in 1992 and started a family with his wife, JoLynn, in northern Kentucky.

Johnston's racing career of more than 20 years includes 1,500 wins and multiple riding titles. In August of 2006 he retired from riding and accepted a position with the Jockeys' Guild as a regional manager of the Midwest region. As a Guild representative, Johnston has worked closely with the guild office, track managements, and racing organizations to ensure that jockeys' needs and concerns are heard. He is at the forefront of rider safety, regularly attending ASTM meetings, Riders4Helmets seminars, and International Conferences for Health Safety and Welfare of Jockeys. He is the chairman of The Jockey Club's Rider Safety Committee and recently attended a ROAP Steward Accreditation Course.

Sal Sinatra

President & General Manager, Maryland Jockey Club

Sal Sinatra has been president and general manager of the Maryland Jockey Club (MJC), part of The Stronach Group of racing properties, since December 2014.

Prior to joining MJC, Sinatra spent 16 years at PARX, formerly called Philadelphia Park, and as the director of racing he remade the stakes program. He was responsible for the 2014 GII Pennsylvania Derby program's featuring GI Kentucky Derby and GI Preakness Stakes winner California Chrome; Bayern, who followed his Pennsylvania Derby score with a win in the GI Breeders' Cup Classic; and 3-year-old filly champion Untapable in the GI Cotillion S.

Sinatra also held positions at several other racetracks and founded his own company, TSNS, which developed computer software customized to provide various types of information to the racing and gaming industries.

Sinatra, a native of Newark, N.J., studied mathematics and statistics at Rutgers University. His hobbies are horse racing and golf.

10:30 AM Safety Initiatives and the Jockey

Dr. Peta Hitchens

Research Fellow in the Equine Orthopaedic Research Group, University of Melbourne

Dr. Peta Hitchens is a research fellow in Equine Veterinary Epidemiology at the University of Melbourne, Australia. She combines expertise in epidemiological research of equine and human health, safety and welfare, with experience working in the racing industry in regulation and operations management.

In 2016, Dr. Hitchens joined the University of Melbourne's Equine Orthopaedic Research Group, a multidisciplinary team that aims to

determine the causes of musculoskeletal injuries in horses by developing mathematical and epidemiological models of bone biology processes. Their primary goal is to work alongside the racing industry to develop evidence-based strategies that reduce the occurrence of such injuries.

Prior to joining the University of Melbourne, Dr. Hitchens held positions at the Swedish University of Agricultural Sciences, the University of California – Davis, and in the Tasmanian racing industry. Her research at UC Davis showed that catastrophic musculoskeletal injury to the horse was the leading cause of substantive jockey injury, demonstrating clearly that detrimental animal welfare can also directly impact humans. She has published more than 30 peer-reviewed scientific articles, most of which are related to jockey or racehorse injury.

Dr. Hitchens' cross-faceted experience working among industry, government, and academia has driven her viewpoint on the importance of collaboration in order to ensure evidence-based strategies are employed to benefit the health, safety and welfare of horses and their riders alike.

Dr. Carl Mattacola

Associate Dean of Academic and Faculty Affairs, University of Kentucky

Dr. Carl Mattacola is a professor and the associate dean of Academic and Faculty Affairs at the University of Kentucky. He received his bachelor's degree in physical education / athletic training from Canisius College in Buffalo, N.Y. He completed his Doctor of Philosophy in sports medicine and received his master's in education at the University of Virginia. Dr. Mattacola has held various positions as an athletic trainer and as a professor, including Temple University in Pennsylvania, Hampden-Sydney College, and Woodberry Forest School in Virginia.

Dr. Mattacola's research has focused on postural and functional considerations in the treatment and rehabilitation of lower extremity injury and the study of cognitive, functional, and safety interventions for jockeys. He is the director of the newly created Jockey Equestrian Initiative (JEI) of the Sports Medicine Research Institute (SMRI). The

mission of the JEI is to be the premier resource conducting jockey/equestrian protection, safety and performance research. The SMRI, along with collaborative multidisciplinary research teams, focuses on the musculoskeletal, physiological, neurocognitive, and nutritional needs of the rider to optimize performance and athletic recovery of jockeys and equestrians.

Dr. Kelly Ryan

Primary Care Physician Sports Medicine – MedStar Health

Since partnering with Maryland Racing three years ago, Dr. Kelly Ryan and a team of MedStar Health physicians banded together to form MedStar Horsemen's Health, a program designed to monitor the health of jockeys and other racetrack personnel at Maryland racetracks. A national spotlight has been fixed on their healthcare model since they designed and implemented important concussion protocols. By conducting baseline tests with jockeys before they are injured, they can best determine who has a concussion and if he or she is ready to return to ride. Other racetracks in the country, inspired by the work of Dr. Ryan and other MedStar Health sports medicine physicians, are now adopting similar concussion protocols at their facilities.

11:35 AM Equine Injury Database Update and Call for More Data

Dr. Tim Parkin

Professor of Veterinary Epidemiology, University of Glasgow

Dr. Tim Parkin is head of the Division of Equine Clinical Sciences and Professor of Veterinary Epidemiology at the School of Veterinary Medicine, College of Medical, Veterinary and Life Sciences, University of Glasgow.

Dr. Parkin qualified from the University of Bristol with degrees in Zoology (1992) and Veterinary Science (1998). He immediately took a position at the University of Liverpool and went on to complete his

Doctor of Philosophy on the epidemiology of fractures in racehorses in 2002. Since then he has worked on numerous projects with several different racing jurisdictions around the world, including the UK, Hong Kong, Japan, Australia, South America, and the USA. He gained his Diploma of the European College of Veterinary Public Health in 2006 and has worked at the University of Glasgow since February 2007.

Parkin has twice been an epidemiological consultant for Racing Victoria Jumps Race Review Committees (2005 and 2008) and is a member of the Equine Injury Database Scientific Advisory Committee in the USA.

Parkin currently serves on the Veterinary Advisory Committee of World Horse Welfare, the Scientific Advisory Committee of the Petplan Charitable Trust, and the Editorial Consultant Board of the Equine Veterinary Journal. He is an associate editor for the Journal of Small Animal Practice and is honorary secretary of the executive council of the European College of Veterinary Public Health. He was president of the Society for Veterinary Epidemiology and Preventive Medicine from 2012 to 2013.

1:15 PM Integrity and Security - Protecting the Horse and the Integrity of the Race

Rick Baedeker

Executive Director, California Horse Racing Board

Rick Baedeker is the executive director of the California Horse Racing Board. Previously, he was the event coordinator for the Breeders' Cup in 2008 and 2009, served as president of Hollywood Park from 1999 to 2005, followed after its sale by three years as vice president of Governmental Relations for the track. He was a senior vice president of marketing during the launch of the NTRA and held a similar position for TVG at its launch in 1998. Other positions included vice president of marketing for Hollywood Park from 1992-97 and general manager of the Woodlands in Kansas City. Prior to racetrack management, Baedeker worked with his brother, Bob Baedeker (better known as "Mr. B"), in the family handicapping business at southern California tracks.

Dora Delgado

Senior Vice President Racing & Nominations, Breeders' Cup Limited

Dora Delgado started with the Breeders' Cup in 1983 in what she believed was a temporary administrative assistant position, but 36 years later, she holds the current position of senior vice president, racing and nominations. She is primarily responsible for the development and administration of the Breeders' Cup's racing programs around the world, including the Win and You're In Challenge Series and Thoroughbred racing's greatest event, the Breeders' Cup World Championships. Delgado is also responsible for the promotion and expansion of the foal and stallion nomination programs worldwide to maximize participation and generate program-sustaining revenue.

In her role, Delgado manages the Event Equine Security Team, the Breeders' Cup Veterinary Panel, the Field Selection Panel, and works with the host track and its staff to create the safest and most secure environment possible for the equine participants. She is also responsible for all horse recruitment, equine event logistics, and operational setup for the annual world championships including communications with all federal, state and international regulatory authorities. Delgado also works with the host state racing commission to ensure that any necessary waivers, rules and regulations are in place.

Supervising a racing and nominations staff of four full-time employees, Delgado and her team ensure that all participants and their equine athletes receive a fair, safe and secure environment to race against the world's best equine athletes.

Delgado also works with a number of Breeders' Cup board committees, primarily the Racing & Nominations Committee, the Finance Committee, the Enhanced Experience Committee, and the Appeals Committee. She serves on the board of the Thoroughbred Aftercare Alliance, is a member of the American Horse Council's Health & Regulatory Committee, a member of the Jockey's Guild Research & Development Committee, a member of the Racing Officials Accreditation Program board, serves on the Lexington Industry Group of the Welfare & Safety Committee, and is a board member of the Thoroughbred Women's Network.

Marc Guilfoil

Executive Director, Kentucky Horse Racing Commission

Marc A. Guilfoil is the executive director of the Kentucky Horse Racing Commission (KHRC). He has worked in various capacities as an official with the Kentucky Horse Racing Commission and Kentucky Harness Racing Commission since 1988. He has been responsible for all facets of the department during his tenure, ranging from licensing to medication to personnel. While working for the KHRC, Guilfoil has served as a liaison among the Kentucky General Assembly, the eight racing associations, and the respective horsemen's breed organizations on all racing-related matters. Guilfoil has served in the KHRC under the administration of six governors.

Guilfoil was born and raised in Glasgow, Ky., and has called central Kentucky home since 1981. A 1987 graduate of the University of Kentucky with a Bachelor of Science in Agriculture and an emphasis in Communications, Guilfoil is also an accredited Thoroughbred, Standardbred and Quarter Horse steward with University of Louisville Stewards/Judges Accreditation Program and the United States Trotting Association Officials School. He currently lives in Lexington and owns and operates Evans Mill Cattle Company with his wife, Elisabeth Jensen.

Steve Koch

Executive Director, NTRA Safety & Integrity Alliance

Steve Koch took over as executive director of the NTRA Safety & Integrity Alliance in April 2015. Koch previously served 12 years at Canada's Woodbine Racetrack, where he was vice president of racing from 2008 to 2015. As vice president he oversaw all aspects of the Thoroughbred racing product as well as the company's Racing Surfaces, Grounds, Stables, and Fleet divisions. From 2003 to 2008 his Woodbine career included director of racing and director of backstretch operations. Prior to Woodbine, Koch worked at Keeneland in Lexington, Ky., and he was raised as a horseman at Claiborne Farm in Paris, Ky. He holds a Master of Science from the University of Kentucky.

Koch participates on various industry boards including the Racing Officials Accreditation Program, Racing Surfaces Testing Laboratory, the American Horse Council's Unwanted Horse Coalition, and the Welfare and Safety Summit's Racing Equipment & Safety Committee.

Cory Martinez

Stable Surveillance & 3rd Party Lasix Coordinator, Santa Anita

Cory Martinez is the surveillance manager and 3rd party Lasix coordinator for Santa Anita Racetrack. He previously worked as stable manager for Fairplex Racetrack and Galway Downs training center. Cory graduated from Cal Poly Pomona with a Bachelor of Science in Agribusiness Management with an emphasis in Equine Industries.

2:20 PM Role of the Trainer in Racehorse Safety

Moderator:
Edward Bowen

Panelist:

Tim Glyshaw

MGSW Trainer

Tim Glyshaw was born in Evansville, Ind., just across the Ohio River from Henderson, Ky., home of Ellis Park. He graduated from Harrison High School in 1987 and in 1992, he graduated from Indiana University, after which he taught school in Illinois for two years. Unhappy with his career, he decided to make a change.

In his youth, Glyshaw spent many summer days watching the races at Ellis Park, but had never really thought about a career in the racing industry. When he saw a commercial for Taylor Made Farm and its internship program during the Kentucky Derby in 1995, he applied

immediately. His dream was to one day be a trainer and have his own Derby horse.

After graduating from Taylor Made Farm's internship program, Glyshaw started as a hotwalker for trainer Robert Holthus at Churchill Downs. He was a quick study and found himself grooming horses that very first winter. His first win as a groom soon followed with Sooner Wish (which paid almost \$140 to win). The next summer at Ellis Park, Holthus asked Glyshaw to take his assistant trainer's test and sent him to Hoosier Park with 12 horses in his care.

After a successful first year at Hoosier Park, the following fall the Holthus Stable had the highest win percentage of trainers stabled at Hoosier Park at 35%. Tim was also sent to Turfway Park and Ellis Park while Holthus remained at Churchill Downs. In 2001 while at Ellis Park, the Holthus Stable finished in a tie for second in the trainer standings, only one win behind the leader.

While Glyshaw worked for Holthus, he was in charge of many nice allowance and stakes caliber horses, such as The Happy Hopper, Ruby Surprise, Leslie's Lady and Kings Command. The Happy Hopper won the Indian Summer at Keeneland and the Safely Kept at Arlington, and Ruby Surprise captured the Grade II Humana Distaff Handicap at Churchill. Those are just a few of his stakes victories while working at Holthus Stable.

In 2002, Glyshaw accepted the assistant trainer position with Cole Norman, who is stabled in the Southwest circuit. Glyshaw wanted to gain more exposure to the claiming part of racing. In 2002, the Norman Stable saddled 266 winners and were ranked third overall for wins, and in 2003 they were ranked third again, this time with 290 winners. After two years with Norman, Glyshaw returned to Kentucky to start his own training career.

Glyshaw maintained a close relationship with Holthus until his passing in the fall of 2011, by training his overflow and getting 2- year-olds ready for the races. Glyshaw helped get the Arkansas Derby winner, Lawyer Ron, into his winning ways, and the horse stabled with Glyshaw for most of his 2-year-old year.

From his beginning at one of the nation's most respected farms to his teachings under Holthus, a man with more than 50 years of training experience, to his stint in a claiming stable, Glyshaw has seen all aspects of the racing world. His philosophy has always been that the horses come first: "If you take care of them; they'll take care of you."

Graham Motion

MGSW Trainer

Graham Motion was born in Cambridge, England, and raised at Newmarket's Herringswell Manor Stud, which was operated by his parents, Michael and Jo. The family relocated to the states in 1980 where Motion attended and graduated from Kent School in Connecticut.

Motion was an international bloodstock agent and North American representative for Tattersalls, the British bloodstock sales company. Him mother rode as an amateur in England and took care of the 1951 (Aintree) Grand National winner Nickel Coin before becoming an assistant trainer in the United States. She now owns and operates the popular Middleburg Tack Exchange in Virginia.

After graduating from Kent School, Graham began working for Hall of Fame trainer Jonathan Sheppard. During his six years at Sheppard's Ashwell Stable, Graham traveled extensively with four-time Eclipse award winning steeplechaser Flatterer. This was followed by time with trainer Jonathan Pease in Chantilly, France. It was there that Graham met his future wife, Anita (nee Hall), who was working at the time for Alain de Royer-Dupre.

Returning to the United States in 1990, Graham went to work as assistant to Bernard (Bernie) P. Bond at Laurel Park in Maryland. On Bond's death in 1993, two of Bond's owners elected to leave their horses with Graham, who subsequently took out his trainer's license. He called his operation Herringswell Stables after his childhood home. The stable won 21 races that first year, three of them stakes with Gala Spinaway. Now 30, Gala Spinaway lives in retirement at Herringswell's Fair Hill base.

Graham, Anita and chief assistant Adrian Rolls moved the operation from Laurel Park to Fair Hill Training Center in Northeast Maryland in 2002. Two years later, Bushwood Stables' Better Talk Now thrust the whole team into the international spotlight with his win in the 2004 John Deere Breeders' Cup Turf at Lone Star Park. During his remarkable career, Better Talk Now took his connections to Japan and Dubai. "Blackie" retired in 2009 with earnings in excess of \$4,000,000, and lived out his days at Fair Hill with his pal Gala Spinaway until his death in 2017 due to complications from colic surgery. A memorial garden was planted by his paddock for all to see.

Among the many highlights in the years since have been more Breeders' Cup victories – Shared Account in the Filly & Mare Turf in 2010 and Main Sequence in the 2014 Breeders' Cup Turf. Main Sequence finished 2014 as a dual Eclipse Award winner, named Champion Male Turf Horse and Champion Older Male. Main Sequence recently returned to Fair Hill and now spends his days with Gala Spinaway.

In 2011, Graham's name was recorded in the history books as the trainer of a Kentucky Derby winner when Animal Kingdom stormed down the Churchill Downs stretch to win the 137th renewal of America's premier race. Two years later, Animal Kingdom added more luster to his trainer's resume with a win in the Dubai World Cup. Already a success in the breeding shed, Animal Kingdom shuttles between Arrowfield Stud in Australia, and Darley America in Lexington, Ky., during the northern hemisphere breeding season. Animal Kingdom was awarded the Eclipse Award for champion 3-year-old in 2011.

As of the beginning of 2018, Graham has celebrated more than 2,200 victories, with purses earned in excess of \$115 million.

As the business has expanded, so has the Herringswell footprint at Fair Hill. Chevation I was purchased in 2004. A second barn, Parlo IV (better known as "H2"), was added in 2014 and serves as the primary location for incoming 2-year-olds. Also residing there are Gala Spinaway, Main Sequence, and barn mascots Tom the turkey and Chicharron the pig. Most recently added to the Herringswell holdings is H3, situated just off-site about a half mile from the main entrance of the training center. Providing ample turnout, this facility is used exclusively to give horses in

training a freshening and physical and mental break from daily life in the race barns.

Graham and Anita reside in Fair Hill, very near the Herringswell main base. Daughter Jane is in college, and son Chappy (Marcus) is in high school. Rounding out the family are three Labradors – Sasha, Ginger and Bentley – and the newest addition, Irish Black & Tan Hunt Terrier Truly Scrumptious.

Graham and Anita serve on many charitable organizations including Thoroughbred Charities of America, Thoroughbred Aftercare Alliance, National Museum of Racing, and TERF

Graham is also an active member of the Maryland Thoroughbred Horsemen's Association and is a director on the Fair Hill Training Center board.

3:30 PM Thoroughbreds Excelling as Sport Horses

Moderator:

Kristin Werner Leshney

Senior Counsel, The Jockey Club

Kristin serves as legal associate of The Jockey Club. In this role, she works with other members of The Jockey Club's legal team as well as each of The Jockey Club's for-profit subsidiary companies and not-for-profit organizations on a wide variety of contracts and legal issues. Leshney is also involved with The Jockey Club's industry initiatives related to the welfare and safety of the racehorse and aftercare, including the Equine Injury Database, the Thoroughbred Incentive Program, and the Thoroughbred Aftercare Alliance.

Leshney graduated from the University of Kentucky with a degree in Political Science and Sociology and from the University of Kentucky College of Law. She is a member of the Kentucky Bar Association and is involved with numerous industry committees, including the Unwanted

Horse Coalition, the Welfare and Safety of the Racehorse Summit, and the Racing Officials Accreditation Program.

Panelists:

Alexandra Knowles

Owner, Alexandra Knowles Eventing

Alexandra “Allie” Knowles has established herself as one of America’s most promising three-day event riders. Knowles is a Pony Club “A” graduate and Level 3 ICP certified trainer. Her tremendous work ethic and competitive edge have gained her the attention of her peers and the U.S. Team Selection Committee in recent years. She continues to earn numerous wins and titles with the goal of representing her country at the Olympic Games.

Knowles’ love of horses, dedicated attitude, strong fundamentals, and passion for the sport of Eventing make her the choice of many owners and riders for her training and coaching services.

Knowles was named the recipient of the Rebecca Broussard International Travel Grant for the 2012 season, winning \$10,000 to pursue her international competition goals. In 2013, she added a number of wins to her record and competed at the Rolex Kentucky CCI4* event for the first time. She was as the highest placed American after the dressage phase in her first 4* competition. In 2014 and 2015, Knowles competed at the advanced and three-star levels, adding multiple top finishes to her record aboard her two upper-level mounts, Sound Prospect and The Dark Mark.

In 2016, Knowles and Sound Prospect continued their competitive ways, including a 7th place finish in the advanced level at Rocking Horse, and an 8th place finish at Carolina International CIC3*. Knowles took Sounder to the 2016 Rolex Kentucky Three-Day Event, where they finished 16th out of more than 70 entries in Sounder’s CCI4* debut. They then capped off their year with a 13th place finish in a highly competitive field at the inaugural Great Meadow CICO3* Nations Cup. In August, Knowles and Sounder finished 9th in the CIC3* division at

Richland Park. At the 2017 American Eventing Championships, Knowles and Business Class finished 3rd in the preliminary horse division and Ms. Poppins finished in 13th. Knowles also rode Looks Like Lotte to a 5th place finish in the training horse division.

Katie Ruppel

Owner, Yellow Rose Eventing

Katie Ruppel is an International 4* Eventing competitor based in Ocala, Fla. She runs her own stable focused on producing elite-level event horses. Ruppel's father was involved in a racing and breeding partnership when she was a child, and so began her love for Thoroughbreds. She has enjoyed many years of success with Thoroughbred horses, including her 4* campaigner Houdini who has many times been the top-placed Thoroughbred in competition. Houdini has also been the recipient of the Rood and Riddle Thoroughbred in Sport Award, and was the 2018 T.I.P. advanced level Eventing champion. Ruppel has a reputation for effectively transitioning Thoroughbred racehorses into Eventing careers and most enjoys working with her owners that have horses both on and off the track.

Jen Roytz

Executive Director, Retired Racehorse Project

Jen Roytz is the executive director of the Retired Racehorse Project (RRP), a 501c3 organization aimed at increasing the value of and demand for Thoroughbreds as riding and show horses once their racing careers conclude. RRP's signature event is the \$100,000 Thoroughbred Makeover and National Symposium, a retraining competition for ex-racehorses with less than one year of post-race retraining. RRP also publishes Off-Track Thoroughbred, a quarterly magazine dedicated to all things off-track Thoroughbred, and puts on demonstrations and seminars at equine expos and events across the country.

In addition, Roytz is the co-owner of Topline Communications, a full-service marketing and communications agency based in Lexington, Ky. She is also a writer, regularly covering horseracing, aftercare, equine health topics and the Lexington art and food scene for various publications, including the Paulick Report, Thoroughbred Daily News, Practical Horseman Midwest Harness Report, and Tops in Lexington magazine.

Roytz holds a Bachelor of Arts in Communications (emphasis in advertising and public relations) from Morehead State University and a Master of Arts in Integrated Communication from the University of Louisville. Originally from Cleveland, Ohio, Jen fell in love with horseracing at Thistledown Racetrack and currently owns one racehorse and two off-track Thoroughbreds.

4:30 PM Racing Surfaces and the Next Generation in Racing

Dr. Michael “Mick” Peterson

Executive Director, Racing Surfaces Testing Laboratory; Director of Ag Equine Programs, University of Kentucky

Michael “Mick” Peterson, Ph.D., is the director of Ag Equine Programs and professor of Biosystems and Agricultural Engineering at the University of Kentucky. Dr. Peterson’s research links traditional understanding of engineering mechanics and materials to the biomechanics of animals. His research emphasis is on the manner in which dynamic response can be used to characterize materials. He has worked on a range of equine and animal biomechanics topics including the impact of exercise on bone density, the development of biomechanical models, durability of cetacean epidermis, the measurement of inertial properties of the equine forelimb, biomechanics of whale interaction with fishing gear, cetacean acoustic response, marine hydroacoustics, and the kinematics of equine gait on treadmills and tracks.

Dr. Peterson’s greatest passion is for increasing the understanding and the consistency of racing and equestrian sport surfaces. Originating in ultrasonic imaging work more than 20 years ago, this research has

grown to encompass a wide range of data collection and testing work. This data is the basis for applying concepts from manufacturing quality control to improved racing surface consistency for the protection of horses and riders. Dr. Peterson collaborated with Dr. C. Wayne McIlwraith at Colorado State University to found the Racing Surfaces Testing Laboratory. The laboratory is a non-profit organization supported by the racing industry and is providing research, testing and materials characterization services for the horse racing industry. Dr. Peterson currently serves as the executive director. He has published 84 journal articles, three book chapters, more than 150 conference proceedings, and has received six patents.