



# Grayson-Jockey Club Research Foundation

*Funding Research Since 1940, To Build Better Equine Health*

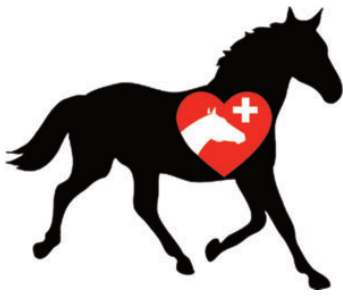


**BUILDING AWARENESS  
IN 2023**

Publications, articles, events and ads  
with links to the complete online versions.

**2023 Project List**  
**Research Spotlight**  
**Equine Research News**  
**Grayson Gazette**  
**Grayson Interviews**  
**Educational Presentations**  
**Equine Trade Publications and Digital Media**  
**Press Releases**  
**Weekly Stewardship Communications**  
**Annual Report & Stewardship Mailings**  
**Tribute Program**  
**Jockey Checkoff**  
**Rider Program**  
**In the News**  
**Sponsorships**  
**Events, Outreach & Building Awareness**  
**Landrover**  
**Breeders' Cup**  
**Supporting Research Through Sales**  
**Social Media**  
**Grayson Ads**





## Grayson-Jockey Club Research Foundation 2023 Funded Projects

Grayson-Jockey Club Research Foundation has authorized expenditure of \$1,856,507 to fund 14 new projects and nine continuing projects at 13 universities as well as two career development awards. The 2023 slate of research brings Grayson's totals since 1940 to more than \$40 million to underwrite more than 426 projects at 45 universities.

### NEW PROJECTS

#### Transcriptomic Response To Osteoarthritis

*Lynn Pezzanite, Colorado State University*

This study will highlight the role that cells of the immune system play to contributing to disease progression of osteoarthritis toward the goal of developing treatments for each stage of disease.

#### Efficacy of Recombinant Equine Lubricin for Osteoarthritis

*Heidi Reesink, Cornell University*

This study will assess efficacy of recombinant equine lubricin (rEqLub) in mitigating equine joint disease and identify gene and protein pathways affected by rEqLub in equine joints.

#### Treatment Of Meniscal Injury With Mesenchymal Stem Cells

*Aimee Colbath, Cornell University*

This study will determine whether intra-articular mesenchymal stem cells lead to improved meniscal healing, providing an immediate impact on how veterinarians treat equine meniscal disease.



#### Stem Cell Neotissue Implants for Equine Tendon Healing

*Mandi J. Lopez, Louisiana State University*

This study will determine if viable neotissue implants generated from stem cells will augment current therapies to treat debilitating tendon injuries in equine athletes and companions.



#### Gallium Nitrate to Treat Bacterial Endometritis in Mares

*Dale Kelley, Oklahoma State University*

This study proposes to develop new, safe, and efficacious antimicrobial strategies to treat antimicrobial resistance.

#### A VapA mRNA Vaccine for R. equi Pneumonia

*Noah Cohen, Texas A&M University*

This grant evaluates an mRNA vaccine administered intramuscularly to foals to protect against pneumonia caused by the bacterium *Rhodococcus equi*, a major cause of disease and death in foals worldwide.

#### Genomics of Thoroughbred Stallion Subfertility

*Terje Raudsepp, Texas A&M University*

The proposed project aims to identify candidate genes and regulatory variants underlying impaired acrosome reaction and subfertility in Thoroughbred stallions using multi-platform genomics.

## **PET MRI Sport Horse Fetlock**

*Mathieu Spriet, University of California-Davis*

This study will compare 18F-NaF Positron Emission Tomography (PET) with Magnetic Resonance Imaging (MRI) for assessment of fetlock injuries in sport horses.

Additional Funds Provided by



## **Validation of Biomarkers for Equine Neurodegeneration**

*Carrie J. Finno, University of California-Davis*

It is expected that this study will improve the diagnosis of spinal cord disease in horses.

## **Antibiotic Effects On Uterine Microbiome And Resistome**

*Igor Canisso, University of Illinois*

This is a study of uterine microbiome and resistome of mares resistant and susceptible to endometritis treated with post-mating antibiotics.

## **Nanoparticle Vaccines for Equine Rotavirus B**

*Feng Li, University of Kentucky*

The vaccine candidate developed from this project will help the equine industry to control and prevent equine rotavirus B infection in future foaling seasons.

Funded by WINSTAR

## **An Efficacious EPM Vaccine is on the Way**

*Sharon Witonsky, Virginia Maryland CVM*

This study plans to identify potential MHC class I CD8 and MHC class II CD4 protective epitopes for an efficacious vaccine against EPM, due to *Sarcocystis neurona*.

Funded by JOHN WILLIAM POPE  
FOUNDATION

Additional Funds Provided by



## **EHV-1 PROJECTS**

Funded by



**FM Area Foundation**

## **A Novel DNA Vaccine Platform To Control EHV-1 and EHV-4**

*Bettina Wagner, Cornell University*

The goal of this project is to develop an effective DNA vaccine for equine herpesvirus to protect horses against infection and disease and to prevent EHV outbreaks in the US.

## **Use Of Nucleic Acid Vaccines To Protect From EHV-1/EHM**

*Gisela Soboll Hussey, Michigan State University*

This proposal is to develop a novel mRNA-based equine herpesvirus (EHV) vaccine that protects horses from EHV-1 myeloencephalopathy and will also likely cross-protect against other equine herpesviruses.



## CONTINUING PROJECTS

### **Persistence Of Antimicrobial Resistance In Horse Farms**

*Laura Huber, Auburn University*

This project will determine the effect of antimicrobial pressure on multidrug resistant -R. equi persistence in the soil of horse breeding farms in a 5 year period.

### **Immunomodulation And Exosomes To Enhance Tendon Healing**

*Sushmitha Durgam, The Ohio State University*

This study aims to characterize M1 and M2 macrophage-derived inflammatory factors and assess their impact on superficial digital flexor tendon tenocyte activities while examining the potential of extracellular vesicles/exosomes to enhance tendon healing.

### **Trained Immunity In Foals**

*Angela Bordin, Texas A&M University*

This project will study how giving oral live bacteria protects foals against infection by Rhodococcus equi, the cause of severe and debilitating pneumonia in foals, for future development of a vaccine.

### **Does Antibiotic Treatment Change The Microbial Resistome**

*Paul Morley, Texas A&M University*

This research will compare four antibiotic treatments to these protocols that can be selected to treat bacterial infections while also lessening the risks for promoting antibiotic resistance.

### **Equine Placentitis: New Approaches To An Old Problem**

*Pouya Dini, University of California-Davis*

The goal of this study is to identify pathogens involved in placentitis and investigate their interaction with the placenta using bioinformatics and in vitro studies to develop better diagnostic and treatment methods.

Funded by  **JOHN WILLIAM POPE**  
FOUNDATION

### **Motion Of The Proximal Sesamoid Bones On Uneven Footing**

*Susan Stover, University of California-Davis*

This study proposes to determine how hoof conformation, shoeing, and uneven racetrack surfaces could contribute to fetlock breakdowns.

Sponsored by   
St. Elias Stables

### **Influence Of Vitamin D And Cortisol In R. Equi Infection**

*Kelsey Hart, University of Georgia*

This study will investigate how blood levels of cortisol and vitamin D are related to the development and progression of Rhodococcus equi pneumonia in foals after natural exposure.

### **Fentanyl Matrix Patches In Horses**

*Rachel Reed, University of Georgia*

The aim is to show that fentanyl administered via patches placed on the skin is well absorbed and represents a promising means of providing clinically relevant continuous pain relief to horses.

### **Sirolimus For The Control Of Insulin Dysregulation**

*Andrew Van Eps, University of Pennsylvania*

This study will evaluate the drug sirolimus (a potent suppressor of insulin production) for the treatment of insulin dysregulation (the most important cause of laminitis) in horses.



## **CAREER DEVELOPMENT AWARD WINNERS**

### **Storm Cat Career Development Awards**

**Shun “Shune” Kimura**, *University of Georgia, mentor - Dr. Kelsey A. Hart*

“Immune and Metabolic Targets in Equine Systemic Inflammatory Response Syndrome”

### **Elaine and Bertram Klein Career Development Award**

**Bethanie L. Cooper**, *North Carolina State University, mentor - Dr. Mary Katherine Sheats*

“MARCKS Protein as a Therapeutic Target in Equine Asthma.”

# RESEARCH SPOTLIGHT



## 2023 FUNDING FOR EQUINE RESEARCH



The board of directors of Grayson-Jockey Club Research Foundation announced that it has authorized expenditure of \$1,498,077 to fund 12 new projects and nine continuing projects at 13 universities as well as two career development awards. The 2023 slate of research brings Grayson's totals since 1983 to more than \$34.1 million to underwrite 426 projects at 45 universities.

"The Grayson Foundation is dedicated to tackling a variety of equine health challenges, which is clearly reflected in our selected projects for this year," said Jamie Haydon, president of Grayson. "Our research projects and career development awards wouldn't be possible without the kindness of our donors, and we thank them for their understanding of the significance of equine veterinary research."

Below is an alphabetical list by school of the new projects:

### NEW PROJECTS FOR 2023

#### Transcriptomic Response To Osteoarthritis

Lynn Pezainillo

Colorado State University

This study will highlight the role that cells of the immune system play in contributing to disease progression of osteoarthritis towards the goal of developing treatments for each stage of disease.

#### Efficacy of Recombinant Equine Lubricin for Osteoarthritis

Heidi Reesink

Cornell University

This study will assess efficacy of recombinant equine lubricin (rEqLab) in mitigating equine joint disease and identify gene and protein pathways affected by rEqLab in equine joints.

#### Treatment Of Meniscal Injury With Mesenchymal Stem Cells

Aimee Coluhub

Cornell University

This study will determine whether intra-articular mesenchymal stem cells lead to improved meniscal healing, providing an immediate impact on how veterinarians treat equine meniscal disease.



## Spring Edition

[Click for this issue](#)

- Announcement of Grant Projects Funding for 2023
- New Projects for 2023
- Second Year Projects for 2023
- Career Development Award Winner

## Digital Fall Edition

[Click for this issue](#)

- Laminitis- A Survivor's Story
- Advances & Continued Laminitis Research
- The Tribute Program



## Recovering from Laminitis A Success Story

By Jessica M. Paquette

On March 18, 2019 - I got to the barn before sunrise like I did every morning, and this time I was looking forward to celebrating What a Trippi's 16th birthday with some special treats and a ride. The second I opened his stall door to throw him some hay, I knew something was wrong. He was standing just off enough to raise an alarm.

I took him out of his stall and it was evident immediately that taking those few steps was very painful. My heart sank. I ran my hands down his legs and by the time I got to his feet, I knew what was going on. The heat was evident immediately. I called my veterinarian and he came right over. After some diagnostics, we were looking at one of a horse person's worst fears — laminitis.



photo by Andrew Ryback

The weeks that followed were some of the most stressful of my life. I was at the barn multiple times a day to administer medication, ice his feet then wrap them, using foam insulation custom cut to provide cushion — his own little memory foam sneakers. What a Trippi was never known for his cooperative disposition but he knew — he was a tolerant patient for every part except standing in ice. I spent a lot of those early spring mornings soaked as he knocked the bucket over onto me.

The progress was slow. Every morning, I would call my veterinarian in tears that — today was the day and we had to let him go. Every morning, Dr. Sheehan would tell me to give it one more day. He eventually "one more day"-ed me to the other side of it.

The work and the research that the Grayson-Jockey Club has done towards laminitis is what gave us a fighting chance. Make no mistake, we got very lucky. But, with continued support of the research that is being done, you can help stack the deck in the favor of many other horses who are struck with this devastating diagnosis.



photo by Jodie Rustone-DeSjones



photo by Jodie Rustone-DeSjones

Jessica Paquette is an avid horsewoman -and has held many jobs in the equine industry. She is the only full-time, year-round female track announcer in the United States. She has overcome many challenges professionally and personally. She joins us to tell us how she prevailed in fighting laminitis with her horse What a Trippi.



# EQUINE RESEARCH NEWS



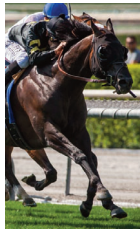
**Equine Research News**  
A digital presentation of Grayson-Jockey Club Research Foundation  
Providers of Equine Research Since 1940

Issue 1 • 2023

## STALLION STATISTICS SEEKING DURABILITY, SOUNDNESS

This special edition of equine research news, features the stallion durability statistics.

Accompanying is the fifteenth annual listing of stallions by two criteria as developed by the Durability Committee of the Welfare and Safety of the Racehorse Summits underwritten by The Jockey Club and Grayson-Jockey Club Research Foundation. The aim is to highlight stallions which are commercially viable AND produce progeny statistics which would tend to indicate above average performance in two areas—average number of starts per starter and percentage of foals which get to the races.



To qualify for the lists, a stallion must have ranked within the first 200 sires by

2022 Sires by Lifetime Starts per Starter						
Rank	Stallion	YOB	Sire	Foals of RA	Earnings	2022 Starter/Starters
1	Minister Guide	1998	Lord Carson	445	\$2,344,633	23.03
2	Northern Affair	1993	Affair	1240	\$1,734,296	21.28
3	Congrats	2000	A.P. Indy	1139	\$5,565,182	20.97
4	Niwajika	2001	Safety's Mark	205	\$2,488,292	20.43
5	Jump Start	1999	A.P. Indy	1059	\$3,391,478	20.20
6	Court Vision	2005	Guich	318	\$2,158,636	20.16
7	Indie	1997	Broad Brush	846	\$2,262,195	19.73
8	City Zip	1998	Canon City	1302	\$3,009,713	19.56
9	Successful Appeal	1996	Valid Appeal	864	\$1,533,325	19.18
	Mahe Uno	1998	Holy Bull	879	\$1,970,697	19.18
11	Too Much Bling	2003	Rubiano	368	\$1,893,069	18.85
12	St Phoenician (RE)	2010	Tamayo (GB)	329	\$1,695,111	18.66
13	Broken Vow	1997	Unbridled	1348	\$2,838,398	18.57
14	Take Charge Indy	2009	A.P. Indy	404	\$1,950,470	18.51
15	Flatter	1999	A.P. Indy	1137	\$7,171,357	18.41
16	Wronsky	1999	Danig	368	\$2,172,370	18.26
17	Bucan Stones	2004	City Zip	295	\$2,176,487	18.24
18	Position's Warrior	2008	Spotlightdown	200	\$2,176,425	17.98
19	Old Fancier	2001	Fortuity	551	\$1,894,447	17.97
20	English Channel	2002	Spot Strike	908	\$7,759,807	17.87
21	Stay Thrifty	2008	Bernardini	524	\$5,035,549	17.78
22	Mission Must	1998	Catsme	1150	\$3,384,487	17.73
23	The Factor	2008	War Front	567	\$5,343,064	17.63
24	Fiber Sonde	2005	Unbridled's Song	318	\$2,817,183	17.62
25	Adios Charlie	2008	Indian Charlie	340	\$1,763,020	17.36
26	Dasher	2004	Awesome Again	202	\$1,497,064	17.22
27	Fruel	1998	Storm Cat	994	\$1,989,881	17.19
28	Justin Phillip	2008	First Samurai	234	\$1,739,968	17.18
29	Awesome Again	1994	Deputy Minister	1343	\$1,943,587	17.11
	Star Out	2006	Flatter	510	\$5,311,399	17.13
31	Square Eddie	2006	Smart Strike	320	\$2,253,829	16.84
32	Field Commissioner	2005	Service Strip	280	\$1,876,583	16.75
33	Big Brown	2005	Boundary	635	\$2,214,186	16.73
34	Gone Adzroy	2006	Dink Union	354	\$1,896,942	16.65
35	Kismet's Joy	2001	El Frodo (RE)	1843	\$7,890,704	16.60
36	Brethren	2008	Distorted Humor	262	\$3,159,003	16.55
37	Warren's Reward	2006	Madaglia d'oro	671	\$2,196,057	16.52
38	First Samurai	2003	Guart's Causeway	847	\$5,369,225	16.44
39	Alteration	2008	Distorted Humor	264	\$2,563,280	16.43
40	Middle Moon	1997	A.P. Indy	2050	\$8,155,178	16.18
41	Tale of Ekki	2005	Tale of the Cat	432	\$2,619,808	16.16
42	Antix's Storm	2002	Forest Wildcat	373	\$2,672,181	16.07
43	Alert Ake	2002	Northern Affair	998	\$1,610,307	16.00
44	Spotlightdown	1998	Gone West	1554	\$1,200,185	15.86
45	First Duke	2007	Staphan Got Even	487	\$2,356,491	15.83
46	Lennon Drop Kid	1996	Kingmambo	1590	\$4,087,014	15.78
47	Silent Name (JPN)	2002	Sunday Silence	478	\$3,225,775	15.78
48	Nonstop Indy	2002	Lower Nine	206	\$1,516,004	15.71
49	Minishaft	1999	A.P. Indy	1188	\$4,515,414	15.71
50	Lookin At Lucky	2007	Smart Strike	703	\$5,064,463	15.68

## Click for this issue

### The Annual Stallion Durability and Soundness Statistics -

- 2022 Sires by Lifetime Starts per Starter
- 2022 Sires by Lifetime % of Foals of Racing Age Started
- Top 2022 Sires of Stakes Winners 4 Years Old & Up
- Breed Averages Stats

# THE GRAYSON GAZETTE

## Click for this issue

- Recovering from R. Equi Pneumonia
- Investing in the future of Racing: Risk Factors Identified Through The Equine Injury Database
- Q & A with Dr. Johnny Mac Smith, A. Gary Lavin Chair

## The Grayson Gazette

Grayson-Jockey Club Research Foundation

2023 Issue

### Life After R. Equi Pneumonia



Grayson has funded many projects by Dr. Noah Cohen at Texas A&M University, who specializes in R. equi treatments and is currently being funded to create a vaccine against this deadly disease.

Dr. Cohen stated, "With regard to treatment, it is so dependent on the foal: some foals do great with just a couple of weeks of antimicrobials and not much else, others can succumb despite intensive treatment. In general, I always ask whether the strain of R. equi isolated from the foal is resistant to macrolides."

"Thanks to the researchers and collaborators of Grayson, foals that have been diagnosed with R. equi have an improved chance for survival and are well as their aged-match peers."

Dr. Nathan Slovis  
Hayward Equine Medical Group

Macrolides are a class of antibiotics. Macrolide-resistance is prevalent in Demis's area of Kentucky, and the prognosis for these foals is worse.

In mid-May, the farm called the owners, Mr. and Mrs. Ayres, to let them know the colt was having difficulty breathing. After having his lungs scanned by the farm vet, it was determined the colt needed hospitalization.

Dr. Rana Bozorgmanesh (Dr. B) at Hayward Equine Medical Hospital (Hayward) confirmed this was a serious case of R. equi. She noted in her assessment, "Upon arrival, the 3-month-old colt had good body condition but was breathing hard with flared nostrils and a wet, noisy cough in his eyes. He had been seemingly normal the previous day and was suddenly found struggling to breathe and about to embark on the fight of his life."

This is a common presentation of R. equi pneumonia in foals. R. equi is ubiquitous in the environment of horse farms and is present in the mucus of most mares. Infection is thought to occur from inhalation of airborne bacteria during the first few days of life, although the disease progresses slowly and insidiously. Clinical signs include fever, lethargy, coughing, nasal discharge, and difficulty breathing, but many foals show no clinical signs until they have developed abscesses in their lungs.

"His condition was complex, not just involving the primary infection, but he was also demonstrating significant associated inflammation," Dr. B noted. "His difficulty breathing had developed as a complication of the infection, triggering an over-whelming and uncontrolled inflammatory reaction in his lungs, and it was the inflammation that could kill him."

"Treatment of these dynamic cases is multifaceted and involves antimicrobial therapy to address the underlying infection, as well as aggressive therapy to suppress the inflammatory response and improve oxygenation. Such therapy includes intranasal oxygen insufflation, bronchodilators, and judicious use of corticosteroids. Prognosis for these foals is guarded, and they can deteriorate rapidly despite our best efforts."

"Treatment of these dynamic cases is multifaceted and involves antimicrobial therapy to address the underlying infection, as well as aggressive therapy to suppress the inflammatory response and improve oxygenation. Such therapy includes intranasal oxygen insufflation, bronchodilators, and judicious use of corticosteroids. Prognosis for these foals is guarded, and they can deteriorate rapidly despite our best efforts."

This journey began on May 13, and by the first part of July, Demis was still coughing, breathing a single more each hour, and having the flu. This continues the story of their colt from the 2022 Summer 'highlight' presented by Grayson-Jockey Club Research Foundation.

Demis continued to flourish with no sign of side effects. He began his breaking and training in the fall of 2022. He excelled at each task and was mentally ready to do more. He continued his field training under the tutelage of Jim and Priscilla Potter at Chameries Farm.

One day in February when Demis came in from a workout breathing heavy with an increased respiratory rate, the Potters were concerned. Dr. Nathan Slovis of Hayward had been treating another horse at the farm, and he scoped Demis as well.

Dr. Slovis noted Demolisher was a big statured colt that likely would take more time to gain muscle mass and to maintain the current training level until Demis was better conditioned, and he was surprised to learn that Demis had been treated for R. equi. He would never have guessed this was the same horse at the farm, and he scoped Demis as well.

Dr. Slovis has served on the Research Advisory Committee for the Foundation and said, "Grayson has funded vital clinical research that has documented R. equi that are highly resistant to antibiotics at horse farms. With this information veterinarians were informed about a targeted treatment program for R. equi based on ultrasonographic screening."

Following Dr. Slovis' advice, Demolisher continues to do well. He has continued to train well and has had no setbacks associated with his R. equi pneumonia as a foal. He is breaking from the gate and continues to work toward his first start.



Close-up starting at left  
-Demolisher before illness  
-With his dam after consulting treatments  
-A visit with Dr. Rana Bozorgmanesh as a yearling  
-In training as a two-year-old

INSIDE THIS ISSUE

Investing in Thoroughbred Racing  
How Grayson's funding build healthier, safer horses through funded research and industry-wide safety initiatives

2023 Funded Projects List

Q&A with A. Gary Lavin Chair, Dr. Johnny Mac Smith

Dr. Larry Bramlage Receives the Denny Phelps Award

# GRAYSON INTERVIEWS

## Sesamoiditis and Stifle Study Panel



### CSU SESAMOIDITIS AND STIFLE STUDY PANEL- PRESENTATION AT FASIG-TIPTON CBA AND GJCRF SPONSORS

Dr. Wayne McIlwraith and Dr. Chris Kawcak, Colorado State University

["Take Home" Points from CSU Stifle Research Paper](#)

["Take Home" Points from CSU Sesamoid Research Paper](#)

## VET CHATS

Webinar presented by Grayson-Jockey Club Research Foundation



### UNDERSTANDING UTERINE BIOFILM

Dr. Ryan Ferris, Summit Equine-Interview with Rood & Riddle



Dr. Laurent Couetil,  
Professor, Director, Donald J. McCrosky Equine Sports Medicine Center  
Purdue University



Dr. Thomas J. Divers,  
Rudolph J. & Katherine L. Steffen Professor  
Cornell University College



Dr. Mandi J. Lopez, Director,  
Laboratory for Equine and Comparative Orthopedic Research and Professor  
Louisiana State University



Dr. Kyla Ortved, B.Sc., DVM, PhD.  
University of Pennsylvania School of Veterinary Medicine

## Why Grayson... Why Now?



Dr. Luke H. Fallon, Medical Director,  
Hagyard Equine Medical Institute  
Why He Supports Grayson.



The Importance of Supporting Grayson Foundation  
Lauren Nicholson, Olympic Event Rider



# EDUCATIONAL PRESENTATIONS

Thank you to the [Consignors & Commercial Breeders Association](#) for featuring our [Grayson-Jockey Club Research Foundation](#) funded research at [Fasig-Tipton!](#)

Also to [Colorado State University Veterinary Teaching Hospital](#), Dr. Wayne McIlwraith, Dr. Chris Kawchak and Dr. Jeff Berk for help putting this great panel together and the panel participants for a great discussion.... See more



## LUNCH & LEARN

*sponsored by:*



Grayson-Jockey Club  
Research Foundation

**OCTOBER 18TH | 12-1 PM**

*presentations by:*

- **Dr. Johnny Mac Smith and Jamie Haydon** – Grayson Jockey Club Research Foundation: Helping All Horses Through Equine Research
- **Dr. Miranda Starr** – Supporting Limb Laminitis
- **Hannah Copplestone** – Review of the Inflammatory Cascade

**RSVP BY OCT. 13TH:**  
[education@spycoastfarm.com](mailto:education@spycoastfarm.com)



Equine Education Center  
3511 Newtown Pike | Lexington, KY 40511



# EQUINE TRADE PUBLICATIONS & DIGITAL MEDIA



## United States Eventing Association

### Grayson-Jockey Club Research Foundation Renews Partnership with the USEA

By Kaleigh Collett - USEA Staff | Press Release



### Grayson-Jockey Club Research Foundation

The United States Eventing Association, Inc. (USEA) would like to welcome back Grayson-Jockey Club Research Foundation as an "Official Bronze Level Sponsor of the 2023 USEA American Eventing Championships" and an "Educational Partner of the USEA." Through this partnership, Grayson-Jockey Club Research Foundation will provide regular educational content for USEA members to enjoy, and they will support the 2023 USEA AEC, which will take place this Aug. 29–Sept. 3 at the Kentucky Horse Park in Lexington, Kentucky. Grayson-Jockey Club Research Foundation is also sponsoring the USEA Adult Rider Party at the AEC on Thursday, August 31.

[Click for online article](#)



## THE PLAID HORSE

ISSUU.COM

### The Plaid Horse July 2023 - The Horse Care Issue

Read The Plaid Horse July 2023 - The Horse Care Issue by The Plaid Horse on Issuu and browse thousands of other publications on our platform. Start...

[Click for online article](#)

**Lauren Nicholson Masterclass presented by the Grayson Jockey Club Research Foundation**

H&C bring you a masterclass with one of the top event riders in America, Lauren Nicholson. This show is presented by the Grayson Jockey Club Research Foundation.

*Subscription required*

## Grayson-Jockey Club Approves Funding for New Projects ...

BloodHorse.com › horse-racing › articles › grayson-jockey-club-a...



Feb 13, 2023 ... The board of directors of the **Grayson-Jockey Club Research Foundation** announced Feb. 13 that i...

## Grayson-Jockey Club Research Foundation Combats EHV-1 ...

BloodHorse.com › horse-racing › articles › grayson-jockey-club-r...



Apr 11, 2023 ... Wagner's project, titled, "A novel DNA vaccine platform to control EHV-1 and EHV-4," will span i...

## Grayson Grass Challenge Returns Aug. 1 - BloodHorse

BloodHorse.com › articles › grayson-grass-challenge-returns-aug-1



Jul 27, 2023 ... **Grayson-Jockey Club Research Foundation** and Horseshoe Indianapolis announced July 27 ...

BLOODHORSE.COM

### CBA Holds Illuminating Veterinary Panel at Fasig-Tipton

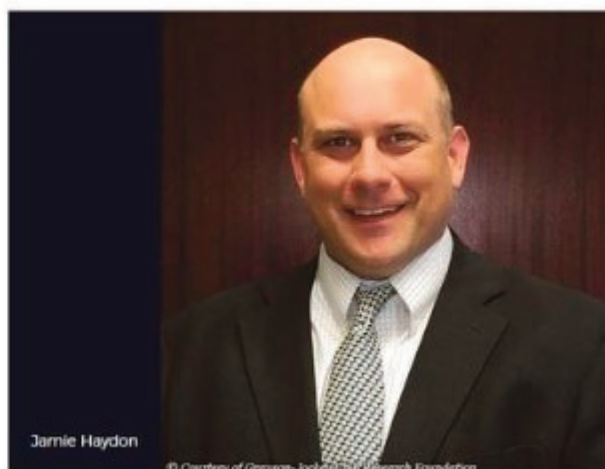
The two studies, one on stifles and the other on sesamoiditis, each focused on how lucencies i...

**BLOODHORSE** DAILY

## Industry Voices: Grayson Helps All Horses

*Grayson studies delivering tangible improvements  
for Thoroughbred racing, breeding.*

By **Jamie Haydon** | Friday, 2:43 PM



Jamie Haydon

© Courtesy of Grayson-Jockey Club Research Foundation





## Grayson-Jockey Club Approves Funding for EHV-1 and EHM Vaccine Research

April 11, 2023

The Grayson-Jockey Club Research Foundation recently issued a special call for research proposals to address vaccines for Equid Alpha herpesvirus 1 (EHV-1) and Equine Herpesvirus Myeloencephalopathy (EHM) and after a thorough review process by the foundation's veterinarian advisory committee, two research proposals were selected for funding. The projects, led by Gisela Soboll Hussey of Michigan State University and Bettina Wagner of Cornell University, aim to develop novel nucleic acid vaccines to protect horses from EHV-1/EHM and EHV-4. Soboll Hussey's project is titled, "Use of nucleic acid vaccines to protect from EHV-1/EHM," ...

[| Read More |](#)



## TERF Awards \$10,000 To Grayson-Jockey Club Research Foundation

February 3, 2023

The Thoroughbred Education and Research Foundation (TERF) has awarded a \$10,000 research grant to the Grayson-Jockey Club Research Foundation, Inc. The funding will support the work of Dr. Sue Stover at the University of California for research involving motion of the proximal sesamoid bones. The research project will examine how uneven footing, hoof conformation, shoeing, and uneven racetrack surfaces could contribute to fetlock breakdowns.

[| Read More |](#)



## Study Confirms Hair Use For Long-Term Detection Of Bisphosphonates

July 6, 2023

A new study, called for in 2019 by the Grayson-Jockey Club Research Foundation found that hair testing can be used to consistently detect bisphosphonates for up to six months after administration. The study was on the use of hair as a matrix for the long-term detection of bisphosphonates in horses, the organization said in a release Thursday. "Over the past few years, bisphosphonate use has become a concern with regard to the welfare of Thoroughbred racehorses," said Jamie Haydon, president of Grayson. "We are very thankful for the generous support..."

[| Read More |](#)



## Dr. Larry Bramlage To Receive Dinny Phipps Award

May 3, 2023

Noted equine surgeon Dr. Larry Bramlage will be presented with the Dinny Phipps Award, the Grayson-Jockey Club Research Foundation said in a release Wednesday. Created in 2017, the award will be presented at a dinner hosted by the chairman of The Jockey Club, Stuart S. Janney III, in Saratoga Springs, New York, the week of the Round Table Conference on Matters Pertaining to Racing, which is scheduled for Thursday, Aug. 3. "This is especially meaningful for me based on who it is named after," Dr. Bramlage said. "The Phipps Family..."



## Keeneland To Donate \$100K to Grayson-Jockey Club

November 29, 2023

As a signal of its commitment to supporting equine safety and welfare research, Keeneland will pledge a total of \$100,000 over the next four years to the Grayson-Jockey Club Research Foundation. "The best interest of the horse is the beginning and end of all we do at Keeneland," said Shannon Arvin, president and CEO of Keeneland. "In furtherance of our mission, Keeneland has long championed the important work of Grayson-Jockey Club Research Foundation, which is a leader in equine safety, integrity, and research. Especially exciting is Grayson's study of advancing..."

[| Read More |](#)



## Grayson Grass Challenge Returns to Horseshoe Indianapolis Aug. 1

July 27, 2023

The Grayson Grass Challenge—a five-week handicapping contest to raise money for the Grayson-Jockey Club Research Foundation, returns to Horseshoe Indianapolis for the fourth time beginning Aug. 1 and continuing through Aug. 31. Participants in the challenge submit selections on two specified races held each week at Horseshoe Indianapolis. Each contestant will be given a \$500 bankroll provided by Horseshoe Indianapolis from which participants can make win, place, show, exacta, trifecta, and superfecta wagers. At the end of the five weeks, all remaining bankrolls, plus winnings from the contestants will go...

[| Read More |](#)



**Research In Action:** Purdue **Studies** Convinced Trainer To Steam ...

[Horse Racing News](#) | [Paulick Report](#) > [horse-care-category](#) > [grayson-research](#) > [research...](#)



Jul 17, 2023 ... it could be sucked up deep into a horse's lungs. Some lung washes also ...  
All of it was possible thanks to the support of the **Grayson-Jockey** ...

**Research In Action** from the **Grayson-Jockey Club Research** ...

[Horse Racing News](#) | [Paulick Report](#) > [Horse Care](#)



Jul 17, 2023 ... That was the case for Dr. Trisha Dowling, professor of veterinary clinical pharmacology  
at the Western College of Veterinary Medicine in ...

**Research In Action:** **Grayson-Jockey Club Findings** Have Changed ...

[Horse Racing News](#) | [Paulick Report](#) > [horse-care-category](#) > [grayson-research](#) > [research...](#)



Aug 28, 2023 ... The way we treat EHV outbreaks has evolved thanks to **research** funded  
by the **Grayson-Jockey Club Research** Foundation.

**Research In Action:** Finding Better Treatments For Placentitis ...

[Horse Racing News](#) | [Paulick Report](#) > [horse-care-category](#) > [grayson-research](#) > [research...](#)



Oct 9, 2023 ... Macpherson designed a **study** to test out how firocoxib may work in this clinical  
setting, and got funding from the **Grayson-Jockey Club Research** ...

**Research In Action:** Ice For Laminitis Just One Piece Of A Complex ...

[Horse Racing News](#) | [Paulick Report](#) > [horse-care-category](#) > [grayson-research](#) > [research...](#)



Nov 7, 2023 ... **Grayson-Jockey Club Research** Foundation in the late 2000s and early 2010s. ...  
The cold apparatus should go up to the mid-cannon bone for maximum ...

# 2023 PRESS RELEASES

*View the entire press release by clicking on the title*

News releases issued by the Foundation, listed by most recent



Keeneland Pledges \$100K to Grayson-Jockey Club Research Foundation



Grayson Grass Challenge Returns to Horseshoe Indianapolis for Fourth Installment



Study Confirms Hair use for Long-Term Detection of Bisphosphonates



Dr. Larry Bramlage to Receive Dinny Phipps Award



Grayson-Jockey Club Research Foundation Approves Funding for new EHV-1 and EHM Vaccine Research



Grayson-Jockey Club Research Foundation Approves Funding for 2023



**Grayson-Jockey Club  
Research Foundation**

# WEEKLY STEWARDSHIP COMMUNICATIONS

Mail Chimp has been an effective tool in getting our message to donors for activities, to solicit donations or to inform our audience of advances in research. *Two examples below*

## Newsworthy: timely. important. interesting.

### PET MRI SPORT HORSE FETLOCK

University of California-Davis

Principal Investigator: Mathieu Spriet

This study will compare 18F-NaF Positron Emission Tomography (PET) with Magnetic Resonance Imaging (MRI) for assessment of fetlock injuries in sport horses.

Additional funding for this project from



Brought to you by **theHORSE**: "Stress fractures are a manifestation of mechanical fatigue." "Take a paperclip and bend it once, it's fine. Bend it 50 times, it's probably okay. But on the 56th time, it suddenly snaps. The same thing happens if you take a bone

...

[Click here to read the full article from The Horse](#)

### Detecting Stress Fractures to Save Horses' Lives

November 21, 2023 • Posted by Erica Larson

The racing industry is leading the charge in identifying at-risk athletes before catastrophic occurs.

**Topic:** Article, Computed Tomography (CT), Diagnostic Lameness, Diagnosis and Technology, Fractures, Injuries & Lameness, Lameness, Magnetic Resonance Imaging (MRI), Radiography (X-ray), Sports Medicine, Thoroughbred Racing, Vet and Professional

Share



**The racing industry is leading the charge in identifying at-risk athletes before catastrophe occurs.**

What do ice cream shop employees and racehorses have in common? Both populations are at risk for developing injuries based largely on how they perform their jobs.

Chris Riggs, BVSc, PhD, DEQ, Dipl. ECVJ, FRCVS, says the most memorable stress fracture he's ever come across in scientific literature is "ice cream scooper's hand." As Riggs, director of the Hong Kong Jockey Club's Equine Welfare Research Foundation and chief advisor of veterinary man and engagement, notes, "That simply reflects that someone is serving out lots of lovely gelato using the same old scooping motion on a regular basis and loading the bones repetitively."

"Stress fractures are a manifestation of mechanical

#### Sponsored Content

**PulseVet** 2023  
Industry's Most Trusted  
Therapy for Horses

**INDUSTRY**  
Nobles Vet for Equine  
Joint Maintenance

**U.S. EQUINE**  
Equine In Motion's Past,  
Present and Future

AVAILABLE  
ON APPLE  
PODCASTS,  
GOOGLE  
PODCASTS,  
& SPOTIFY

**ASK  
theHORSE**  
PODCAST

**LISTEN NOW**

#### Weekly Poll

Thank you for your vote!  
Please visit [www.grayson-jockeyclub.org](#)

[Click here to learn more about our current research and DONATE !](#)



Copyright © \*2023 Grayson-Jockey Club Research Foundation, All rights reserved.



## Grayson-Jockey Club Research Foundation

Please Give Back To The Horse  
On Giving Tuesday



## #GIVINGTUESDAY

Join the GivingTuesday movement with Grayson. Your generosity will impact many horses for years to come by funding important equine research.

So how do you get involved with Grayson and this national giving day? Here is how you can get ready to give:

1. Mark your calendar, **SAVE THE DATE - November 28th, 2023.**
2. Spread the word. Encourage your friends and family to join you in creating real impact on November 28th by sharing what Grayson means to you and why you support horse health. Make sure to use hashtag #lovehealthyhorses and tag us so we can share!

...



[Click here to learn more about our current research and DONATE !](#)



# ANNUAL REPORT & STEWARDSHIP MAILINGS



## The 2022 Annual Report

Details of Activities [click here](#)

Financials [click here](#)

## 2023 Stewardship Mailings



Birth is a critical and sensitive time for any young animal. Research funded by the Grayson-Jockey Club Research Foundation (GJCRF) protects the most vulnerable:

**R. EQUI PNEUMONIA**

- Texas A&M University (TAMU) is evaluating an mRNA vaccine administered intramuscularly to foals to protect against pneumonia caused by the bacterium *Rhodococcus equi*, a major cause of disease and death in foals worldwide.
- A second project at TAMU will study how giving oral live bacteria protects foals against infection by *Rhodococcus equi* for future development of a vaccine.
- University of Georgia is involved in a study to investigate how blood levels of cortisol and vitamin D are related to the development, progression, and immune response to *Rhodococcus equi* pneumonia in foals after natural exposure.

**EQUINE ROTAVIRUS B**

- University of Kentucky is working on a vaccine candidate developed to help the equine industry to control and prevent equine rotavirus B infection in future foaling seasons.

Grayson-Jockey Club Research Foundation has no alliance with any one university, so the Foundation is free to fund the best research regardless of where it takes place. Since 1940, the foundation has provided more than \$40 million to fund more than 426 projects at 45 universities in North America and overseas. Additional information about the foundation is available at [graysonjockeyclub.org](http://graysonjockeyclub.org).

“A horse gallops with his lungs, perseveres with his heart, and wins with his character.”  
- Tesio

Support horse health through

**GRAYSON-JOCKEY CLUB RESEARCH FOUNDATION**  
121 Corporate Drive • Lexington, KY 40503  
(858) 224-2856 • [graysonjockeyclub.org](http://graysonjockeyclub.org)  
Copyright © by Anne M. Eberhardt

Protecting the health of the horse through equine research from birth to retirement!

**GRAYSON-JOCKEY CLUB RESEARCH FOUNDATION**

# Breeder Mailing



We are writing to you today on behalf of the Grayson-Jockey Club Research Foundation, a leading source of private funding for research projects focused on the health of horses of all breeds.

With the media spotlight squarely on the Thoroughbred industry and public scrutiny calling for improved equine care, there has never been a more urgent time to support Grayson.

As an organization backed by generous donors, we have been able to fund excellent research that has collectively moved the equine industry forward in the health, soundness, and safety of horses of all breeds.

- Use of RNA therapy against rhodococcus - Nash Cohen, Texas A&M University
• Dynamics of vitamin D in hospital foals - Ramiro Sorbillo, The Ohio State University
• Firociprofloxacin in equine pregnancy & lactation - Margi Mochizuki, University of Florida
• Equine placenta: new approach to an old problem - Peggy Dow, University of California-Davis
• Trained immunity in foals - Angela Bordin, Texas A&M University

At the Fasig-Tipton yearling sales in July, we will work with the Consignors and Commercial Breeders on a presentation featuring the 2015 funded research from Dr. C. Wayne McIlwraith at Colorado State University that examined the understanding of the significance of sesamoiditis, ulnarosagittal synostosis branch changes, and allele retention in sales yearlings and 2-year-olds, which followed the horses into their racing careers.

There are many worthy matters to support that address aspects of racing, but if our horses are not healthy and sound, none of us can prosper. Please consider joining us at midlife membership at only \$1,000, because now is the time to support equine research. Even if we as an industry believe that we are doing all we can to support our horses, we cannot become complacent.

Sincerely, Holly White, Director of Development

Grayson-Jockey Club Research Foundation donation form with fields for Name, Address, City, State, Zip, Phone, Email, Enclosed Check, Charge Credit Card, and Name on Credit Card.

# AQHA Mailing



As we approach the major championship shows I want to take time to thank the breeders and owners of the many soon-to-be-crowned champions. As an owner, I know firsthand how much work goes into getting a young horse to this level.

It's tough to raise good horses, and I hope you are able to take the time to enjoy your successes. Each show season, we face unique challenges, but we can look at troubling situations that may arise and know that with the current efforts in equine research many of those problems can be better addressed.

To assist in those challenges, Grayson-Jockey Club Research Foundation is proud that for the past seven years, we have provided more than \$1 million each year to the equine research community. However, the challenge to support high-quality research for the betterment of our horses will never end.

Why? To protect foals, breeding stock, and the livelihood of the industry. Foal diarrheas appeared earlier in the spring of 2021 and were more aggressive than in years past. It was concerning that it seemed to be antibiotic-resistant.

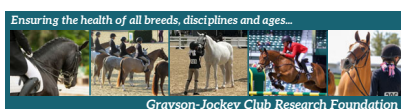
Who? None of this is accomplished without the excellent research scientists who work together to move the envelope in how we foster the health, soundness, and safety of our horses.

Given your devotion to the industry - as both an owner and a businessperson - I hope you will consider becoming a champion for equine research. Because the horses strive to be our champions, we must always be theirs!

Sincerely, Holly White, Director of Development

Grayson-Jockey Club Research Foundation donation form with fields for Name, Address, City, State, Zip, Phone, Email, Enclosed Check, Charge Credit Card, and Name on Credit Card.

# Show Horse Mailing



As we approach the major championship shows I want to take time to thank the breeders and owners of the many soon-to-be-crowned champions. As an owner, I know firsthand how much work goes into getting a young horse to this level.

It's tough to raise good horses, and I hope you are able to take the time to enjoy your successes. Each show season, we face unique challenges, but we can look at troubling situations that may arise and know that with the current efforts in equine research many of those problems can be better addressed.

To assist in those challenges, Grayson-Jockey Club Research Foundation is proud that for the past seven years, we have provided more than \$1 million each year to the equine research community. However, the challenge to support high-quality research for the betterment of our horses will never end.

Why? To protect foals, breeding stock, and the livelihood of the industry. Foal diarrheas appeared earlier in the spring of 2021 and were more aggressive than in years past. It was concerning that it seemed to be antibiotic-resistant.

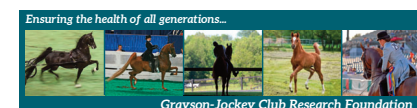
Who? None of this is accomplished without the excellent research scientists who work together to move the envelope in how we foster the health, soundness, and safety of our horses.

Given your devotion to the industry - as both an owner and a businessperson - I hope you will consider becoming a champion for equine research. Because the horses strive to be our champions, we must always be theirs!

Sincerely, Holly White, Director of Development

Grayson-Jockey Club Research Foundation donation form with fields for Name, Address, City, State, Zip, Phone, Email, Enclosed Check, Charge Credit Card, and Name on Credit Card.

# Saddlebred Mailing



As we approach the major championship shows I want to take time to thank the breeders and owners of the many soon-to-be-crowned champions. As an owner, I know firsthand how much work goes into getting a young horse to this level.

It's tough to raise good horses, and I hope you are able to take the time to enjoy your successes. Each show season, we face unique challenges, but we can look at troubling situations that may arise and know that with the current efforts in equine research many of those problems can be better addressed.

To assist in those challenges, Grayson-Jockey Club Research Foundation is proud that for the past seven years, we have provided more than \$1 million each year to the equine research community. However, the challenge to support high-quality research for the betterment of our horses will never end.

Why? To protect foals, breeding stock, and the livelihood of the industry. Foal diarrheas appeared earlier in the spring of 2021 and were more aggressive than in years past. It was concerning that it seemed to be antibiotic-resistant.

Who? None of this is accomplished without the excellent research scientists who work together to move the envelope in how we foster the health, soundness, and safety of our horses.

Given your devotion to the industry - as both an owner and a businessperson - I hope you will consider becoming a champion for equine research. Because the horses strive to be our champions, we must always be theirs!

Sincerely, Holly White, Director of Development

Grayson-Jockey Club Research Foundation donation form with fields for Name, Address, City, State, Zip, Phone, Email, Enclosed Check, Charge Credit Card, and Name on Credit Card.

# Renewal Request



to the Grayson-Jockey Club Research Foundation has the potential to affect the health of ALL horses for years to come through important equine research then put into the hands of your veterinarian when troubling situations arise on your farm.

Why? To protect foals, breeding stock, and the livelihood of the industry. Foal diarrheas appeared earlier in the spring of 2021 and were more aggressive than in years past. It was concerning that it seemed to be antibiotic-resistant.

Who? None of this is accomplished without the excellent research scientists who work together to move the envelope in how we foster the health, soundness, and safety of our horses.

Given your devotion to the industry - as both an owner and a businessperson - I hope you will consider becoming a champion for equine research. Because the horses strive to be our champions, we must always be theirs!

Sincerely, Holly White, Director of Development

Given your devotion to the industry - as both an owner and a businessperson - I hope you will consider becoming a champion for equine research. Because the horses strive to be our champions, we must always be theirs!

Sincerely, Holly White, Director of Development

Grayson-Jockey Club Research Foundation donation form with fields for Name, Address, City, State, Zip, Phone, Email, Enclosed Check, Charge Credit Card, and Name on Credit Card.

# We Need You Now!

Your donation will support healthier horses through equine medical research. GRAYSON-JOCKEY CLUB RESEARCH FOUNDATION

As we look toward a season of raising healthy foals to championship racing horses and all the effort it takes to keep our horses healthy, the one critical element that is running in the background, constantly supporting each phase of our horses' lives is equine research.

The excellent research funded by Grayson over the years collectively has moved the envelope in how we are able to foster the health, soundness, and safety of our horses.

- Seeking out the best research since we have no binding tie to any one institution.
• Our 32-person Research Advisory Committee reviews all proposals and recommends to the board only the best in terms of impact, scientific merit, and precise budgeting.
• We fund only specific projects, never "block grants" to universities.
• We track all projects, requiring results in at least one peer-reviewed, scientific journal, guaranteeing that all acquired new knowledge becomes available to practicing veterinarians.
• Since 1999 our funded research has resulted in 135 published papers appearing in 243 peer-reviewed publications, getting valuable information into the hands of veterinarians.

Currently tracking 45 active projects at 20 different Universities on three continents. Without donors like you, none of what the foundation has accomplished that far would be possible, so please consider a donation to Grayson as the research we do potentially helps all horses, whether they be race horses or backyard ponies.

Thank you for your consideration. To donate online visit https://www.grayson-jockeyclub.org or call (859) 224-2850.

Sincerely, Ben Haggin

# From Board Members



"My world was turned upside down after our Derby winner, Swale, collapsed and died eight days after winning the Belmont.

I wanted to give to an organization to help horses live healthier lives. I chose Grayson because funds are given to whatever research is deemed the very best, regardless of location."

-Dell Hancock, Claiborne Farm





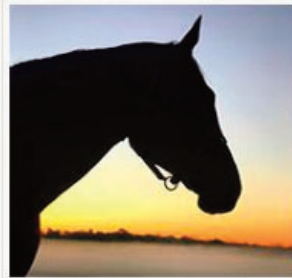
# TRIBUTE PROGRAM

## CHAMPION LEVEL



**Maple Leaf Mel**

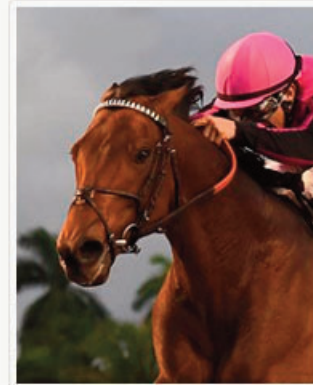
*Donated by:  
Belinda von Breitenbach & Fans*



*Donated by*  
**STERLING  
THOMPSON  
EQUINE**

**Ryan Todd / TC  
Sporthorses LLC**

*Donated by:  
Sterling Thompson Equine*

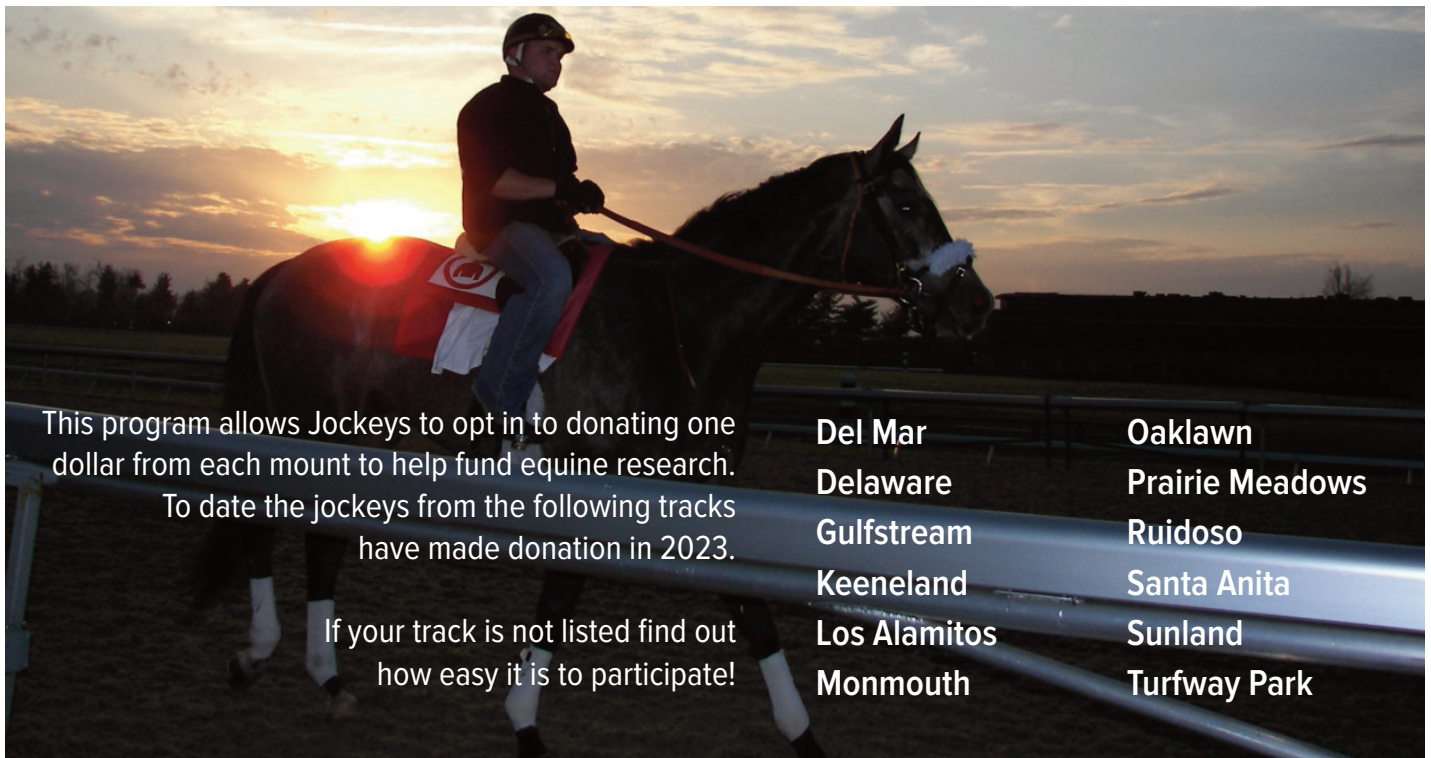


**Art Collector**

*Donated by:  
Amanda DaBruzzo*

The tribute program allows recognition of a horse in their honor or memory. In 2023 gifts have been made by Sterling Thompson Equine in memory of their client's horses, as well as gifts from owners, fans and friends of the horses being recognized.

# JOCKEY CHECK-OFF



This program allows Jockeys to opt in to donating one dollar from each mount to help fund equine research. To date the jockeys from the following tracks have made donation in 2023.

If your track is not listed find out how easy it is to participate!

- |                     |                        |
|---------------------|------------------------|
| <b>Del Mar</b>      | <b>Oaklawn</b>         |
| <b>Delaware</b>     | <b>Prairie Meadows</b> |
| <b>Gulfstream</b>   | <b>Ruidoso</b>         |
| <b>Keeneland</b>    | <b>Santa Anita</b>     |
| <b>Los Alamitos</b> | <b>Sunland</b>         |
| <b>Monmouth</b>     | <b>Turfway Park</b>    |



# RIDER AMBASSADOR PROGRAM



Grayson-Jockey Club Research Foundation

Published by Holly White - Baumhover · November 28 at 1:36 PM · 🌐

Join our ambassadors today on [GivingTuesday](#) and support equine research!

Donate Today: <https://www.grayson-jockeyclub.org>



Our ambassadors include athletic competitors in many different disciplines, a track announcer and a television commentator.

Several of our ambassadors participated in promoting our Giving Tuesday campaign.



Grayson Ambassador [Daniela Moguel](#) looking festive for Halloween 🎃 with her unicorns 🦄!





# IN THE NEWS

We are proud of the honors our Board members and former President received in 2023



**Dr. Larry Bramlage**  
2023 Dinny Phipps Award Recipient

Honoring an equine advocate...a champion for horse health! Read more on Dr. Larry Bramlage, 2023 Dinny Phipps Award recipient here: <https://mailchi.mp/.../honoring-an-equine-advocatea...>



Grayson-Jockey Club Research Foundation

Published by Holly White - Baumhover · January 6 ·

Congratulations to former Grayson President Ed Bowen. Not a more deserving individual to honor than someone that has done so much for horses throughout his career.

Cheers Ed.



BLOODHORSE.COM

Bowen is 2023 Thoroughbred Club of America Honor Guest

Congratulations Charlsie Cantey  
on the Jane Goldstein  
Exemplary  
Leadership  
Award



# SPONSORSHIPS



## TOBA Owner Educational Session

March 19 – 20 • Ocala, FL  
June 23 – 24 • Toronto, Canada  
July 27 – 28 • Del Mar, CA  
August 10 – 11 • Saratoga Springs, NY



## Kentucky Horse Council Trivia Nights

April 3 • Dreaming Creek Brewing, Richmond, KY  
April 26 • Country Boy Brewing, Georgetown, KY



## Kentucky Three Day Event Official Charity Partner

April 27 – 30 • Kentucky Horse Park, Lexington, KY



## The Premier Kentucky Horse Show

May 26 – June • Kentucky Horse Park Lexington, KY



## Lexington Junior League Charity Horse Show

July 10 – 15 • Kentucky Horse Park Lexington KY



## Rood & Riddle Hats Off Day

July 29 • Kentucky Horse Park Lexington, KY



## NSBA World Show (All breeds)

August 10 – 20 • Tulsa, OK



## USHJA Green Hunter Incentive National Championships

August 15 – 20 • Kentucky Horse Park, Lexington, KY



## US Dressage Festival of Champions Owner Reception and Educational Session

August 21 – 27 • HITS Chicago at Lamplight Equestrian Center, Wayne IL



## Sallie B. Wheeler, USEF, USHJA Hunter Breeding National Championship

East Coast at Virginia Young Horse Festival -August 26 • Virginia Horse Center • Lexington, VA  
Central at Texas Rose Classic -September 14 • Texas Rose Horse Park • Tyler, TX



## American Eventing Championships

August 30 – September 4 • Kentucky Horse Park, Lexington, KY



## USHJA Young Jumper Championships

September 6 – 10 • Traverse City, MI



## All American Quarter Horse Congress

September 26 – October 22 • Ohio State Fairgrounds Columbus, OH



## T.I.P. Championships

October 5 – 8 • Stable View, Aiken SC



## Retired Racehorse Project

October 11 – 14 • Kentucky Horse Park Lexington, KY



## TOBA Owner Educational Session

October 23 • Lexington, KY



## National Horse Show

October 25 – November 5 • Kentucky Horse Park, Lexington, KY



## USDF Dressage Finals

November 9 – 12 • Kentucky Horse Park, Lexington, KY



# EVENTS, OUTREACH & BUILDING AWARENESS

**Sponsoring the  
United States Pony Club  
Science Fair**

Voting for the top entry in our 2023 Photo Contest is now open to the public within this album by liking a photo. All voting shall close at midnight on April 31, 2023. The first place winner will be announced on May 1, 2023.

Thank you to everyone that shared photos with us! All breeds were well represented and we hope you will take a moment to check out the current research we are funding for ALL BREEDS of horses here: <https://www.grayson-jockeyclub.org/default.asp>



#FeelGoodFriday - Grayson-Jockey Club Research Foundation encouraging our next generation of scientists, researchers and veterinarians! ❤️



The United States Pony Clubs Inc., (USPC) Official Page  
March 10 · 🌐

The 2023 USPC Research Project Fair was a huge success, with the most entries of any Research Project Fair to date! Read all the placings for this year's projec... See more

**Our Annual Photo contest was held  
via facebook to build the brand.**

**The 4th Year for the  
Grayson Grass Challenge  
at Horseshoe Indianapolis**

Horseshoe Indianapolis partners for a fourth consecutive year for the "Grayson Grass Challenge" to raise funds for equine research! Read more and follow the progress in the month of August here: <https://mailchi.mp/.../horseshoe-indianapolis-grayson...>

**HORSESHOE  
INDIANAPOLIS**

**Grayson-Grass Challenge**

Tuesday, August 1 thru  
Thursday, August 31

*Benefiting*

**Grayson-Jockey Club  
Research Foundation**

**4TH ANNUAL GRAYSON-GRASS CHALLENGE**  
August 1 - August 31, 2023

Internationally known handicappers go head-to-head to raise money for the Grayson-Jockey Club Research Foundation. Participants start with a seedpot of \$500 and wager \$100 weekly on two turf races. All proceeds from this event will go to Grayson-Jockey Club Research Foundation.

Look for weekly tip sheets featuring picks from each handicapper.

**HANDICAPPING LINE-UP**

Handicapper	RACE 5	RACE 7
<b>Mike Applegate</b> (@MikeApplegate)	\$10 to Win: No. 7 \$10 Exact: #4 or 12 or 10 \$10 Exact: #7, 10 or 19	\$10 to Win: No. 12 \$10 Exact: #12 or #8 or 8 \$4 Exact: #4, 10 or 12
<b>Ed Bolina</b> (@EdBolina)	\$10 Exact: No. 12 or 10 \$10 to Win: No. 7	\$10 to Win: No. 8
<b>Just Eben</b> (@JustEben)	\$10 to Win: No. 4	\$10 to Win: No. 6
<b>Mike Lusk</b> (@MikeLusk)		
<b>Barb McLaughlin</b> (@BarbMcLaughlin)	\$1 To Win: #12, #8 \$1 Exact: #12, #8, 10, 12 \$1 WFS: No. 4 \$1 to Win: No. 8	\$10 to Win: No. 9 \$1 WFS: No. 12 \$1 WFS: No. 10
<b>Mike Star</b> (@MikeStar)	\$1 Exact: No. 6 or 10 \$1 to Win: No. 10 \$1 to Win: No. 4	\$1 Exact: #10 or 12 or 10 \$1 to Win: #10 or 12 \$1 to Win: No. 7



Grayson-Jockey Club Research Foundation supports horses competing in a variety of disciplines. This past weekend we were happy to provide prizes for the **Sassafras River Polocrosse Tournament!**

You can check out or other foundation sponsored events here: <https://www.grayson-jockeyclub.org/default.asp?section=2...>



Grayson supports all breeds of horses competing in a variety of disciplines. 📌

Check out our current research supporting horses of all breeds here: <https://www.grayson-jockeyclub.org>



Lakeside Arena  
March 24 · 🌐

Winner of today's Grayson-Jockey Club AQHA Open Hunter Challenge is The Blacklist ridden by Jessica Johnson for Karen Jorgenson of Fargo, North Dakota.

## Just a few examples of some of the events that the foundation sponsored in 2023.

Stop out and visit us this week! Learn more about how our sponsored equine research is treating your very own horse and enter to win a beautiful Secretariat scarf.



National Horse Show  
November 1 · 🌐

Make sure to stop by the @Grayson-Jockey Club Research Foundation booth this week at the NHS and enter their giveaway—ending November 5th—for a beautiful silk Secretariat scarf!

Grayson-Jockey Club Research Foundation is a proud sponsor of US Dressage Finals this week! ENTER TO WIN! Stop out and visit our booth for a chance to win a dressage saddle pad, groom bag or a beautiful silk scarf and learn more how Grayson is fueling your horses' health by funding excellent equine research.

DAILY GIVEAWAYS! Each day we will have swag items available if you stop and chat with us about your equine partner.... See more



### Schedule

Third Level Championship Open	10:24 am - 12:08 pm
PSG Championship Open	11:13 am - 3:52 pm
Intermediate II Champ AA	1:45 pm - 3:15 pm
Intermediate II Champ Open	3:35 pm - 4:47 pm

**US Dressage Finals**  
presented by Adequan®



# LANDROVER

The official charity for the Land Rover Kentucky Three-Day Event

**Grayson-Jockey Club Research Foundation**  
 Published by Holly White · Baumhover · April 27 · 🌐

Stop by booth 28 at the **Land Rover Kentucky Three-Day Event** to complete your scavenger hunt task by standing in the famed stall one of **Claiborne Farm** for a chance to win some awesome prizes!

#LRK3DE #bestweekendever #Secretariat #graysonjockey #equineresearch #useventing



Grayson had the Official Charity Booth and held an Online Auction through ebay

Many Grayson Riders Ambassadors were participating

**Grayson-Jockey Club Research Foundation**  
 Published by Holly White · Baumhover · April 29 · 🌐

Wishing both ladies a safe trip around the **Land Rover Kentucky Three-Day Event** cross country course today!!!

Check out our eBay auction featuring items from these ladies at <https://www.ebay.com/usr/graysonjockeyclub>.

Lauren Nicholson Eventing & Daniela Moguel



# BREEDERS' CUP



Grayson was chosen as one of the charities in the Breeders' Cup 40 Days of Giving Campaign

Many thanks to our sponsors for their assistance in promoting the foundation.



Thank you for supporting



Grayson-Jockey Club Research Foundation

in the Breeders' Cup Giving Challenge

Lee Hall



Thank you for supporting



Grayson-Jockey Club Research Foundation

in the Breeders' Cup Giving Challenge

Meg Levy



Thank you for supporting



Grayson-Jockey Club Research Foundation

in the Breeders' Cup Giving Challenge

Kevin Lavin





# SUPPORTING RESEARCH THROUGH SALES



Our "Tribute" program allows you to honor the life or memory of any horse.

This can be your horse, a favorite horse, or a friend's or client's horse. Our website tribute wall enables you to share a photo.

Please visit our website to learn more.



**GRAYSON-JOCKEY CLUB  
RESEARCH FOUNDATION**  
[grayson-jockeyclub.org](http://grayson-jockeyclub.org)

The Tribute program provides a gift to the horse lover while supporting research  
Featured in the gift giving guides of:

**THE CHRONICLE  
OF THE HORSE**

**THE  
PLAID HORSE**

**Available Again in 2023**

**With the purchase of this special equine box you are not only getting a sweet taste of the Bluegrass with Old Kentucky Chocolates, but you are also supporting equine research.**

\$1.00 from each box will go to Grayson-Jockey Club Research Foundation, traditionally the nation's leading source of private funding for equine medical research that benefits all breeds of horses.

*Please join Old Kentucky Chocolates in supporting horse health @ [grayson-jockeyclub.org](http://grayson-jockeyclub.org)*



**Grayson-Jockey Club  
Research Foundation**

GET YOUR BIDS IN NOW




ONLINE AUCTION OF RIDER MEMORABILIA AND EQUINE

# LAND ROVER KENTUCKY THREE-DAY EVENT

KENTUCKY HORSE PARK




Visit Booth 28 -or- [grayson-jockeyclub.org](http://grayson-jockeyclub.org)

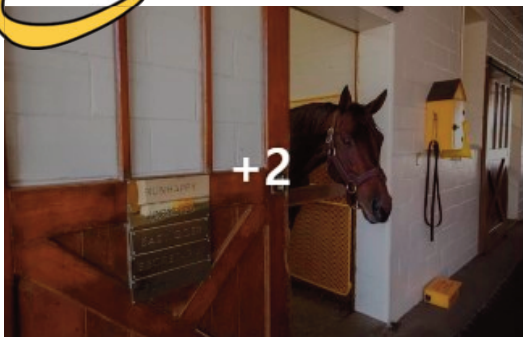
auction benefits  Grayson-Jockey Club Research Foundation



 **Grayson-Jockey Club Research Foundation**  
Published by Holly White - Baumhover · May 4 ·

Have you had time to bid on our eBay auction supporting equine research?

 Farm tours and meet and g... See more



**STONE STREET**



# SOCIAL MEDIA

#ThankfulThursday - Grayson sponsors a number of events and horse shows throughout the year showcasing ALL breeds of horses! Thank you so much for all the kind words from the Lakeside Arena AQHA Hunter Challenge participants!

Grayson supports the health of all horses through equine research, donate today:  
<https://www.grayson-jockeyclub.org>



Our social posts included information on our sponsorships, horse safety and health tips, announcements of the progress of our funded research.

**Grayson-Jockey Club Research Foundation**  
 Published by Holly White - Baumhover · April 14 ·

#flashbackfriday - Did you hear the news? [Grayson-Jockey Club Research Foundation](#) is funding research to develop a new EHV-1 and EHM Vaccine!

The foundation supports all breeds of horses through funding excellent research at Universities across the country studying many equine health issues. We are here to protect the health of all horses for years to come studying infectious diseases and vaccine development is one way to do that!

Read more here: <https://www.grayson-jockeyclub.org/default.asp>

THEHORSE.COM  
 Grayson-Jockey Club Research Foundation Approves Funding for new EHV-1 and EHM Vaccine Research - The Horse

**Grayson-Jockey Club Research Foundation**  
 Published by Holly White - Baumhover · August 29 ·

Stop out and donate to win a **John Deere** Utility Vehicle donated by **Equine Discounts** at the **2023 USEA American Eventing Championships Presented by Nutrena Feeds** at the **Kentucky Horse Park!** You can also donate to win online at: <https://tinyurl.com/4p8n3jy2>

**Grayson-Jockey Club Research Foundation**  
 Published by Holly White - Baumhover · July 6 ·

!! NEWS ALERT !!

This study was in response to a special call for bisphosphonate research by Grayson-Jockey Club Research Foundation in 2019.

Putting the horse first, to protect the health and soundness of equine athletes for years to come. Donate to fund future research here: <https://www.grayson-jockeyclub.org/default.asp>

BLOODHORSE.COM  
 Study Confirm Hair Use for Detection of Bisphosphonates  
 The study was in response to a special call for bisphosphonate research by Grayson-Jockey Clu...



# SOCIAL MEDIA

USEA American Eventing Championships 2023 headed off to cross country on day 3! Grayson sponsored event! Visit our booth to learn more about how [United States Eventing Association, Inc. \(USEA\)](#) helps to fund equine research with [Grayson-Jockey Club Research Foundation](#) through the \$1 per start program!



 **Grayson-Jockey Club Research Foundation**  
Published by Holly White - Baumhover · November 29 at 11:25 AM · 🌐

Exciting news for the health and safety of the horse! 🐾 📌



THOROUGHBREDDAILYNEWS.COM  
**Keeneland To Donate \$100K to Grayson-Jockey Club**  
As a signal of its commitment to supporting equine safety and welfare research, Keeneland

#motivationmonday - The future of our industry lies in the smallest of packages. [Grayson-Jockey Club Research Foundation](#) is always looking to protect the health of all horses, but especially those that are the most fragile.  
Check out our latest research protecting foal health here: <https://www.grayson-jockeyclub.org/resources/REPRO.pdf>... See more



Watch as Grayson Ambassador [Victoria Colvin, LLC](#) and the country's top Hunters descend on the Kentucky Horse Park in Lexington, Kentucky, this week, August 15-19.  
Grayson is proud to sponsor the annual Platinum Performance/[United States Hunter Jumper Association - USHJA](#) Hunter Championship Week!  
You can find more details about this great week at: <https://www.ushja.org/.../top-hunters-take-kentucky-2023>..... See more



Grayson is Making a Difference for the Horses We Love to Watch Run  
"Many veterinary experts bemoan the fact that in this scientific arena, horse racing is in some regards the medieval cousin of human athletics, which has already been closely monitoring and studying the heart's electrical capabilities for many decades, meaning so much of the dynamic possibility of a racehorse's heart remains shrouded in mystery".  
Read more here on this Grayson Funded Project at Minnesota here: <https://mailchi.mp/.../making-a-difference-for-the-horses...>

**The equine heart is one of the most efficient pumps of any species**





“ One must think  
when looking at a horse in motion,  
that he hears music  
inside his head.”

*-anonymous*



Support horse health through



GRAYSON-JOCKEY CLUB  
RESEARCH FOUNDATION

[grayson-jockeyclub.org](http://grayson-jockeyclub.org)

*Photo by Anne M. Eberhardt*



# GRAYSON ADS



Current EHV-1 protocols have been developed from Grayson research and potential future vaccines will be developed from current Grayson research. Grayson is always working to address the health of all horses.

*Join us Today!*



Grayson-Jockey Club  
Research Foundation  
[grayson-jockeyclub.org](http://grayson-jockeyclub.org)



*Protecting The Future  
Through Equine Research.*



Grayson-Jockey Club  
Research Foundation  
[grayson-jockeyclub.org](http://grayson-jockeyclub.org)

# GRAYSON ADS



*“ For one to fly,  
one needs only to take the reins. ”*

- Melissa James

Support horse health through




**GRAYSON-JOCKEY CLUB  
RESEARCH FOUNDATION**


[grayson-jockeyclub.org](http://grayson-jockeyclub.org)



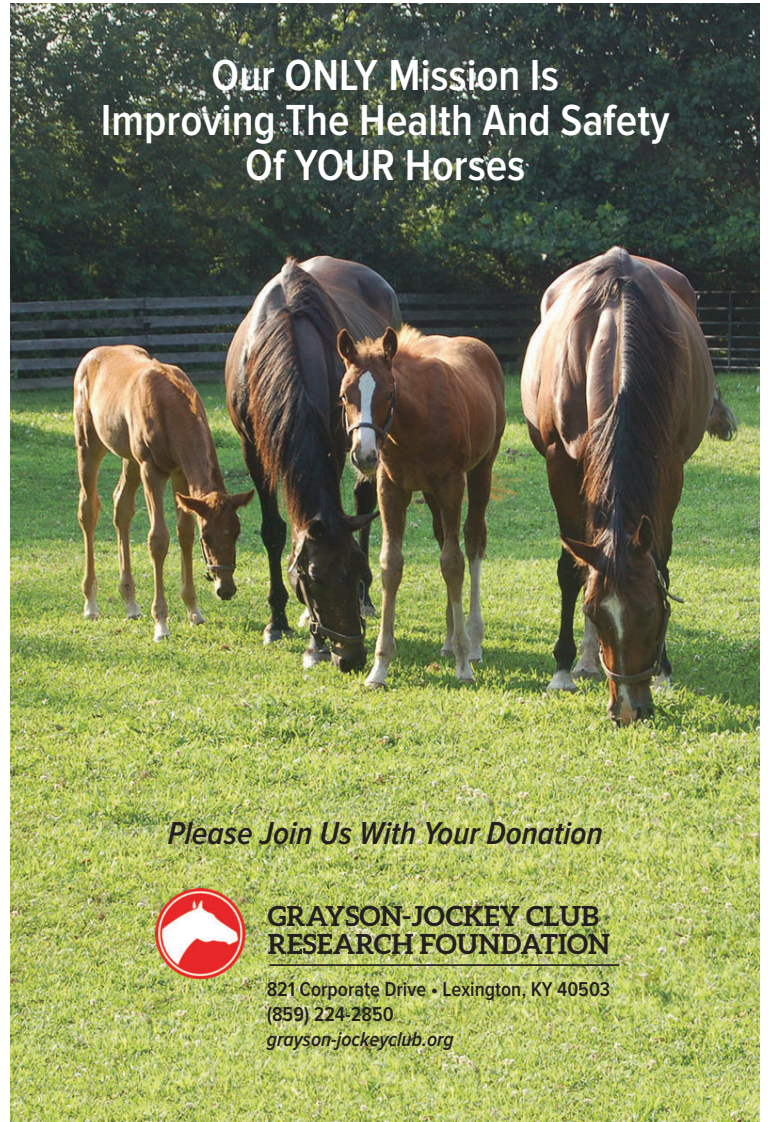
# GRAYSON ADS



Together We Can Support  
Safety & Welfare In Your Horses  
*Please Join Us With Your Donation*




**Grayson-Jockey Club  
Research Foundation**  
[grayson-jockeyclub.org](http://grayson-jockeyclub.org)



Our **ONLY** Mission Is  
Improving The Health And Safety  
Of **YOUR** Horses

*Please Join Us With Your Donation*



**GRAYSON-JOCKEY CLUB  
RESEARCH FOUNDATION**

821 Corporate Drive • Lexington, KY 40503  
(859) 224-2850  
[grayson-jockeyclub.org](http://grayson-jockeyclub.org)



Equine PET Scan -  
Research Funded By



**Grayson-Jockey Club  
Research Foundation**

*Please Help Us Support  
More Projects Like This  
With Your Donation*

[grayson-jockeyclub.org](http://grayson-jockeyclub.org)



# GRAYSON ADS



*"A horse gallops with his lungs,  
perseveres with his heart,  
and wins with his character."  
- Tesio*

Support horse health through



**GRAYSON-JOCKEY CLUB  
RESEARCH FOUNDATION**  
[grayson-jockeyclub.org](http://grayson-jockeyclub.org)

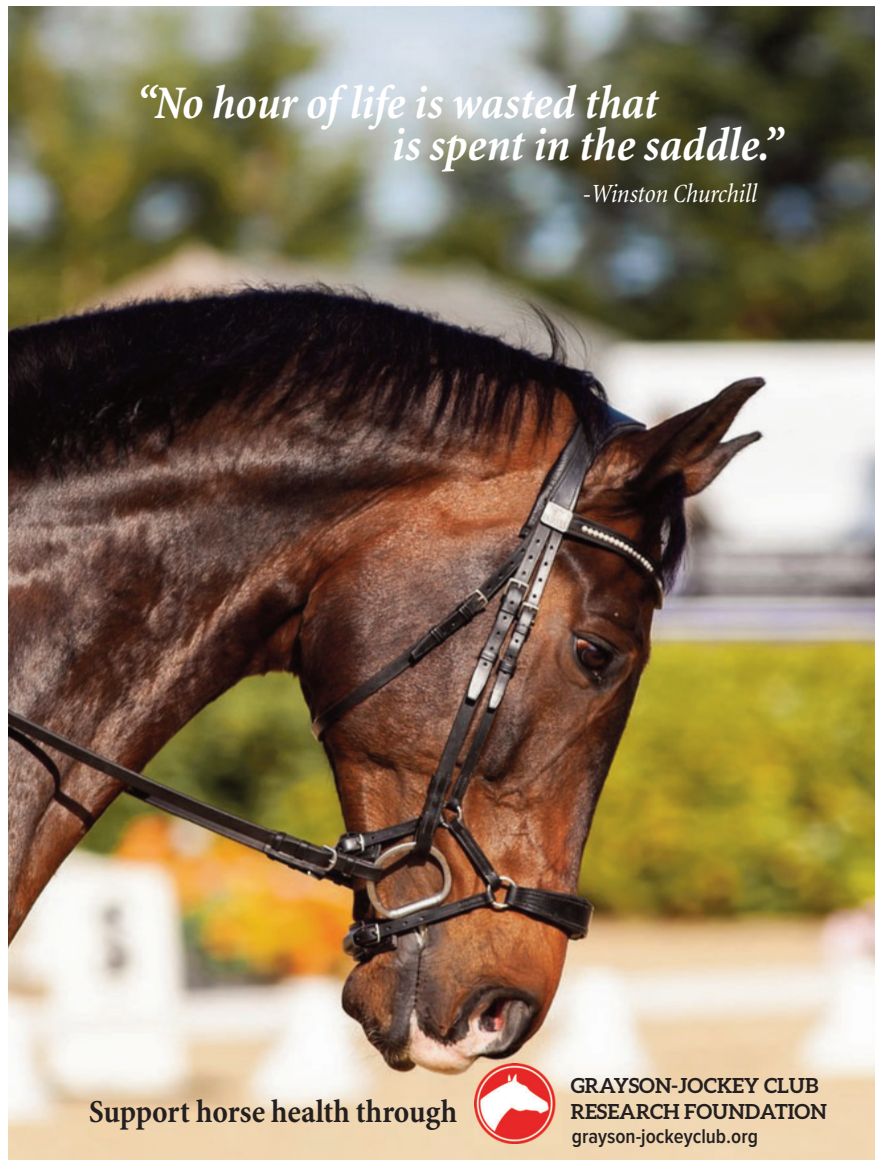


**Grayson Funded Research  
Keeping Your Horses Safe**

*Please Join Us With Your Donation*



**Grayson-Jockey Club  
Research Foundation**  
[grayson-jockeyclub.org](http://grayson-jockeyclub.org)



*"No hour of life is wasted that  
is spent in the saddle."  
-Winston Churchill*

Support horse health through

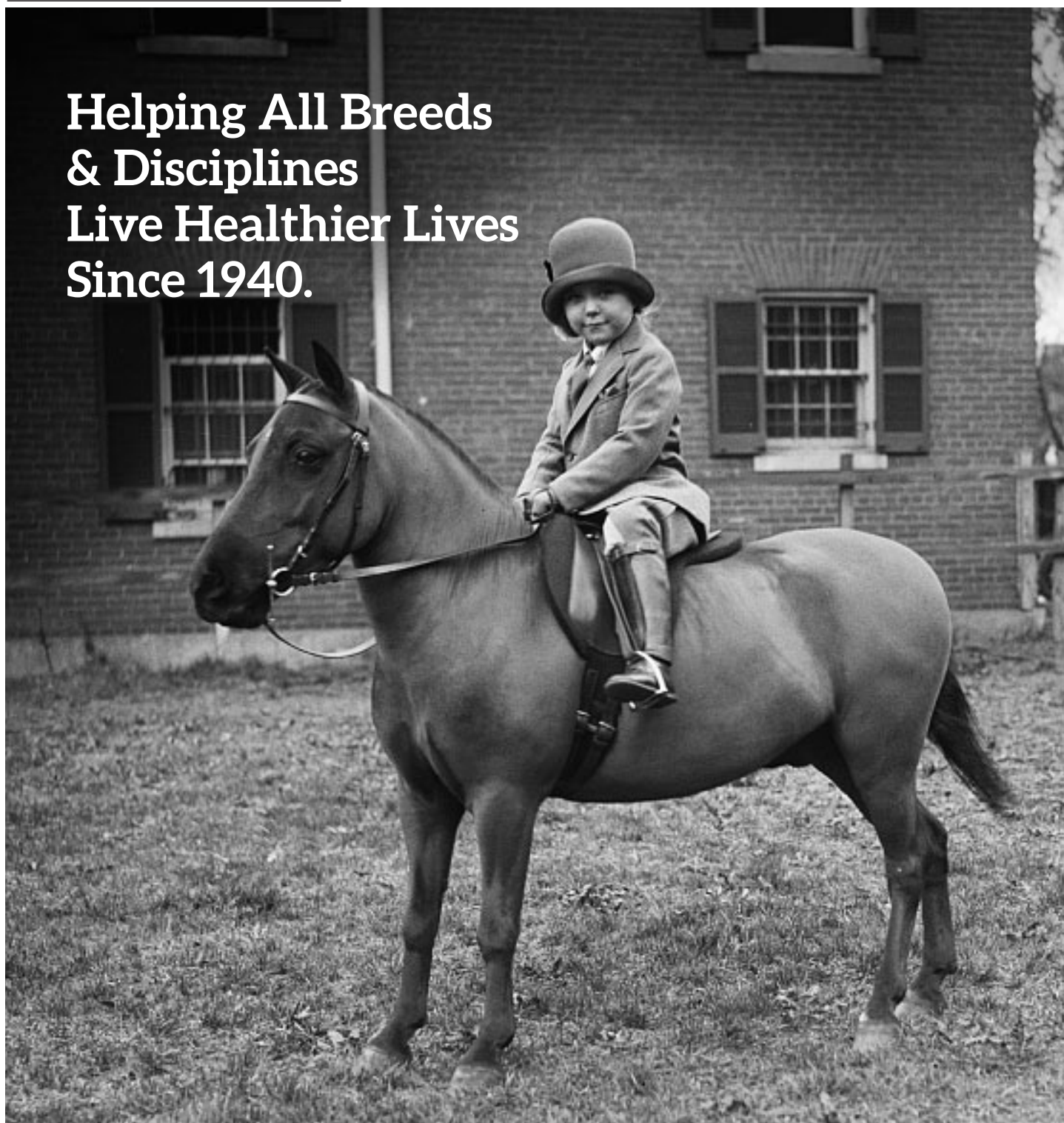


**GRAYSON-JOCKEY CLUB  
RESEARCH FOUNDATION**  
[grayson-jockeyclub.org](http://grayson-jockeyclub.org)



# GRAYSON ADS

Helping All Breeds  
& Disciplines  
Live Healthier Lives  
Since 1940.



**GRAYSON-JOCKEY CLUB  
RESEARCH FOUNDATION**

*grayson-jockeyclub.org*



# GRAYSON ADS

Grayson  
Equine  
Research



Safety  
& Welfare  
from



the Start  
to the  
Finish Line



Join us in supporting horse health.



**GRAYSON-JOCKEY CLUB  
RESEARCH FOUNDATION**  
grayson-jockeyclub.org • contactus@grayson-jockeyclub.org



Helping Horses &  
Ponies of all colors,  
sizes and breeds  
through equine  
research.

*Donate today to fund the best equine research.*



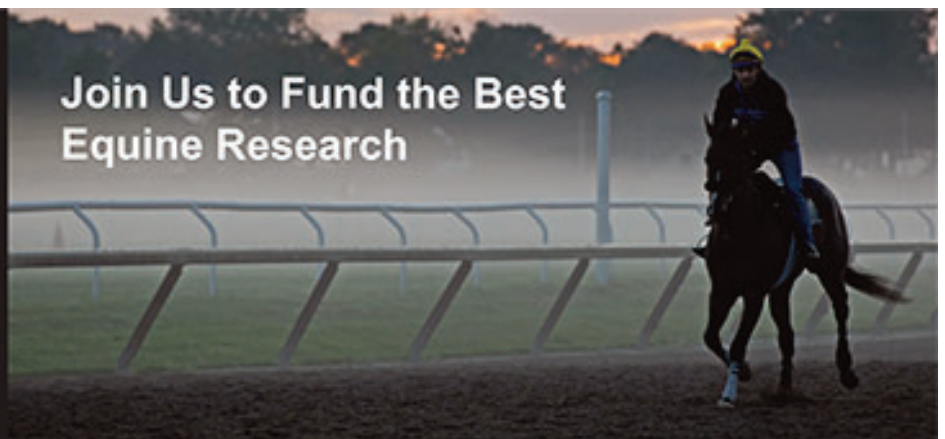
**GRAYSON-JOCKEY CLUB  
RESEARCH FOUNDATION**  
grayson-jockeyclub.org

**DONATE  
TODAY!**



**Grayson-Jockey Club  
Research Foundation**

Join Us to Fund the Best  
Equine Research





# GRAYSON ADS

“ The essential joy of being with horses is that it brings us in contact with the rare elements of grace, beauty, spirit, and freedom. ”

*Sharon Ralls Lemon*



Support horse health through



**GRAYSON-JOCKEY CLUB  
RESEARCH FOUNDATION**

[grayson-jockeyclub.org](http://grayson-jockeyclub.org)



**Helping All Breeds  
& Disciplines Live  
Healthier Lives.**

*Donate today to fund the best equine research.*



**GRAYSON-JOCKEY CLUB  
RESEARCH FOUNDATION**

[grayson-jockeyclub.org](http://grayson-jockeyclub.org)



**Join Us In Funding the Best Equine Research!**



**Grayson-Jockey Club  
Research Foundation**



# GRAYSON ADS



“The Grayson-Jockey Club Research Foundation, provided access to critical resources that has allowed me to develop novel rehabilitative solutions for equine athletes. The reality is that orthopedic injuries we see in actively competing horses inspires us to investigate and validate strategies to propel the industry into new frontiers with fresh perspective. The support of the foundation is integral to helping clinician-scientists such as myself achieve these goals and augment the level of care we are able to provide.”

-Sherry Johnson

*Donate to fund  
the best equine research.*



**GRAYSON-JOCKEY CLUB  
RESEARCH FOUNDATION**





# We Need You!

*Donate to Grayson to fund the best equine research.*



**GRAYSON-JOCKEY CLUB  
RESEARCH FOUNDATION**