



Grayson-Jockey Club  
Research Foundation



# BUILDING AWARENESS IN 2020

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

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*Funding Equine Research  
Today, Tomorrow And  
Into The Future.*

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## Grayson-Jockey Club Research Foundation Funded Projects

The board of directors of Grayson-Jockey Club Research Foundation has authorized expenditure of \$1,506,764 to fund 18 new projects at 13 universities, four continuing projects, and the Storm Cat Career Development Award. The 2020 slate of research brings Grayson-Jockey Club Research Foundation's totals since 1983 to more than \$29.1 million to underwrite 384 projects at 45 universities.

### NEW PROJECTS

#### **Passive Immunization Of Foals With RNA-AB Against R Equi**

*Jeroen Pollet, Baylor College Of Medicine*

By inhalation therapy, we intend to deliver the genetic code for a protective antibody against rhodococcus equi into the lung cells of newborn foals, to rapidly protect them against infection.

#### **Improving Fungal Diagnosis In Horses**

*Soon Hon Cheong, Cornell University*

Developing a diagnostic test that can rapidly detect, identify, and determine the antifungal susceptibility profile of clinical equine samples to improve treatment outcomes of fungal infection in horses.

#### **Bisphosphonates And Fatal Musculoskeletal Injury**

*Heidi Reesink, Cornell University*

Determining the prevalence of bisphosphonate use in racehorses and whether bisphosphonates are associated with fatal musculoskeletal injury is essential to equine welfare and the future of racing.

additional funding for this project from **Klein Family Foundation**

#### **Novel Treatment For Recurrent Exertional Rhabdomyolysis**

*Stephanie Valberg, Michigan State University*

Determining if a potent antioxidant coenzyme q10, not subject to withdrawal times, can benefit horses with tying up by replenishing diminished muscle coq10 levels and decreasing oxidative stress.

#### **Enhancing The Efficacy Of MSCs For Tendon Healing**

*Lauren Schnabel, North Carolina State University*

This proposal examines the tendon inflammatory environment following acute injury and the effect of such an environment on mesenchymal stem cells (MSCs), with the goal of improving MSC treatment efficacy.

#### **AMPK Agonist Combination Therapy & ID In Horses**

*Teresa Burns, The Ohio State University*

By completing this work, we hope to characterize a combination therapy to improve equine insulin resistance that is administered orally and well tolerated.

#### **SDFT Adaptation In Thoroughbred Racehorses**

*Sushmitha Durgam, The Ohio State University*

The impact of training and racing on (mal)adaptations in superficial digital flexor tendon hierarchical structure will be evaluated to delineate the pathophysiology of this common injury in racehorses.

#### **Dynamics Of Vitamin D In Hospital Foals**

*Ramiro Toribio, The Ohio State University*

Critically ill foals often have low blood levels of vitamin D; our goal is to investigate if their levels over time are associated with the severity of their disease and mortality.

#### **Asthma, Performance And Omega-3s In Racing Thoroughbreds**

*Laurent Couetil, Purdue University*

Investigating the variability of asthma severity in horses racing across the us, its effect on performance and determine if omega-3 pufa supplementation is beneficial.

#### **Anti-Pnag Plasma For Preventing R. Equi Foal Pneumonia**

*Noah Cohen, Texas A&M University*

Transfusion of plasma is the only licensed product for preventing rhodococcus equi pneumonia, and demonstrate that we have developed a plasma product superior to that available currently.

#### **Effect Of Nebulized Lidocaine In Treating Equine Asthma**

*Melissa Mazan, Tufts University*

Evaluating the efficacy of inhaled lidocaine in equine asthma in reducing airway inflammation and hyper-responsiveness by promoting an anti-inflammatory lung environment.

#### **Bisphosphonate Effects on Biomarkers**

*Heather Knych,*

*University of California-Davis*

This study will allow for development of sensitive and alternate methods for detection of bisphosphonates

Funded by



## **Effect Of NSAIDs On Anion Transport In The Equine Colon**

*David Freeman, University of Florida*

This proposal is designed to improve management of horses with right dorsal colitis, an insidious life-threatening form of colic for which all horses on phenylbutazone are at risk.

## **Protein Based In Vivo Diagnostic For Endometrial Biofilm**

*Mats Troedsson, University Of Kentucky*

Successful management of bacterial biofilms in the uterus requires an accurate diagnostic in vivo assay that we propose to develop.

## **Novel Delivery Of Antimicrobials Into Equine Joint**

*Simon Bailey, University of Melbourne*

The development and testing of, a novel (gel) carrier formulation for the antibiotic Cefuroxime, injection into horses' joints for application as a treatment of joint infections.

## **Diagnostic Assay For Recurrent Exertional Rhabdomyolysis**

*Molly McCue,*

*University Of Minnesota*

Sponsored by



Identify a comprehensive set of genetic markers that allow RER risk prediction before horses tie-up and preemptive management to decrease the frequency and severity of clinical disease.

## **Inhibiting EHV-1 With Anti-Inflammatory Drugs**

*Arthur Frampton, University Of N.Carolina Wilmington*

Using a tissue culture model system to test the ability of specific drugs to reduce the damaging hyper-inflammatory response that is observed in EHV-1 infected horses suffering from equine herpesvirus myeloencephalopathy (EHM).

## **Nocardioform Placentitis**

*University Of Kentucky*

Sample collection and storage of tissue for future research and testing for nocardioform placentitis.

## **CONTINUING PROJECTS**

### **Training Programs For Prevention Of Fetlock Injury**

*Sue Stover,*

Sponsored by



*University of California-Davis*

Predicting proximal sesamoid bone fracture in racehorses from a calibrated computational model that incorporates training programs, track surface properties, and bone's reparative processes.

### **Antimicrobial Properties Of Equine MSCS**

*Laurie Goodrich, Colorado State University*

This study is expected to impact the equine industry by validating TLR activated equine mesenchymal stem cells as an effective, novel therapy in treating multi-drug resistant infections.

### **Robotic CT For Assessing Of Bone Morphology**

*Kyla Ortved,*

*University of Pennsylvania*

Sponsored by



Preventing catastrophic injuries

in the Thoroughbred racehorse: screening fetlock joints using standing robotic CT and biomarker analysis.

### **Non-Invasive Evaluation Of Host-Microbiota Interactions**

*Canaan Whitfield-Cargile, Texas A&M*

This study aims to develop a non-invasive platform to serve as a diagnostic test for gastrointestinal inflammation prior to severe disease and to reveal how bacteria in the gut influence horse health.

# Research Spotlight



## FOR THE SIXTH CONSECUTIVE YEAR, FUNDING MORE THAN \$1 MILLION IN EQUINE RESEARCH

The board of directors of Grayson-Jockey Club Research Foundation announced today that it has authorized expenditure of \$1,389,637 to fund 17 new projects at 13 universities, four continuing projects, and the Storm Cat Career Development Award. The 2020 slate of research brings Grayson-Jockey Club Research Foundation's totals since 1983 to more than \$28.8 million to underwrite 383 projects at 45 universities. One of the projects, to fund sample collection, storage, and cataloging of tissue related to nocardiform placentitis for future submitted research, was accepted because it is directly affecting the 2020 Kentucky foal crop.



"All of our projects are important and designed to help the most horses with the most relevant and critical research," said **Dell Hancock**, Chairman of Grayson-Jockey Club Research Foundation. However, some projects are extremely time-sensitive, such as the one for nocardiform placentitis, which is affecting our foals in Central Kentucky right now. We urge farms to participate by donating tissue samples to the University of Kentucky.

"Given that we see nocardiform placentitis only on a sporadic basis, it is essential we are able to act quickly and acquire samples during an outbreak. We are extremely grateful to Grayson for their support of this effort. It is only through the collection of samples for further analysis and continued screening of the identified bacteria for antibiotic sensitivity and resistance that we will be able to improve our understanding of this disease," said **David Horobov**, PhD, chair of the Department of Veterinary Science and director of Gluck Equine Research Center, University of Kentucky.

One thing the Coronavirus is teaching us is the importance of research -research of all kinds- to the advancement of precaution and treatment. **This IS what Grayson does.**

-Dell Hancock, Chairman, Grayson-Jockey Club Research Foundation

## Spring Edition Click for this issue

- Announcement of Grant Projects Funding for 2020
- New Projects for 2020
- Second Year Projects for 2020
- Career Development Award Winner

## Fall Edition Click for this issue

- Equine Gastric Ulcer Syndrome In Foals
- Life After Colic Surgery for Successful Sport Horse
- A Legacy of Giving- Interview with Dr. Stuart Brown
- Introducing the Heritage Society



### EQUINE GASTRIC ULCER SYNDROME IN FOALS



By Dr. Barry David, DVM, DACVIM, Associate, Hagyard Equine Medical Institute

Dr. Barry David received both his BS and DVM from Colorado State University. Dr. David served as an intern at Hagyard Davidson McDevitt Equine Hospital and remained at Hagyard's as an associate ambulatory veterinarian for three years. After practicing in Virginia and Dubai, Barry completed a residency in large animal internal medicine at Texas A&M University and then accepted a position as internal medicine specialist at Hagyard Davidson McDevitt. Dr. David then practiced in both Virginia and Florida before rejoining the staff at the McDevitt Medical Center. Dr. David has written several book chapters and journal articles in addition to speaking at a number of state veterinary meetings.

The Grayson-Jockey Club Research Foundation has funded several research proposals that have provided a large body of information regarding the medical management, the nutritional management, and the prevention of equine gastric ulcer syndrome in adult performance horses. Gastric ulceration also remains a significant medical problem in foals of all ages. This article originally appeared in Blood Horse Magazine.

Four syndromes have been recognized in foals with equine gastric ulcer syndrome:

- (1) silent ulcers, which occur most often in the non-glandular stomach and are considered an incidental finding, identified during gastroscopy or at necropsy
- (2) active ulcers, where foals frequently present with clinical signs such as abdominal pain, poor condition, poor coat, and excessive salivation
- (3) perforating ulcers, which typically result in a severe, diffuse, and fatal peritonitis
- (4) pyloric or duodenal stricture, where a physical blockage of the terminal stomach or small intestine develops in association with ulcer healing

The clinical signs a foal demonstrates with gastric ulcers vary and some of the signs are similar to other disease processes that cause gastrointestinal tract or abdominal pain. A poor coat, a pot-bellied appearance, and a lack of growth are common signs in a foal with gastric ulceration. Other clinical signs associated with equine gastric ulcer syndrome in foals include anorexia (complete or partial), lying on its back/rolling, flank biting, hyper salivation, and teeth grinding. Unfortunately, many foals with perforating ulcers do not show clinical signs of gastric ulceration until the ulcer perforates, then

Unfortunately, many foals with perforating ulcers do not show clinical signs of gastric ulceration until the ulcer perforates...

they demonstrate signs of septic shock (shaking, sweating, high heart rate). In cases of pyloric or duodenal stricture, the foal will continue to demonstrate signs of severe pain until the stomach is decompressed via passage of a nasogastric tube.

Gastric ulcers have been diagnosed in foals as young as two days old and can occur throughout a young horse's life. Studies have identified that approximately 21%-51% of the general population of foals have silent ulcers. The highest incidence of gastric ulceration in foals occurs in foals less than 10 days of age or when a foal of any age contracts a disease, particularly a disease that results in diarrhea and decreased gastrointestinal tract motility. Gastroscopy is considered the gold standard for the diagnosis of gastric ulceration at this time. The shortcomings of this diagnostic modality are the inability to define accurately the depth of the ulcer and to determine the degree of damage to the various layers of the gastric tissues. Currently, there are no accepted blood tests to identify biomarkers in foals with gastric ulceration. But, recently, a blood sucrose absorption test was evaluated as a screening tool for the presence of gastric ulceration in adult horses. The test appears to identify horses that have gastric ulcers, but the test has a significant number of false positive results. This test has not been studied in neonates, foals, or weanlings.



The treatment for foals with gastric ulceration is similar to that of adult horses in most cases. The hallmark of therapy is gastric acid suppression. Omeprazole is the most popular and effective oral medication used to decrease gastric acid formation in a foal's stomach. An intravenous medication, pantoprazole, has been stud-



# Equine Research News

## Issue 1

[Click for this issue](#)

### The 12th Annual Stallion Durability and Soundness Statistics -

- 2019 Sires by Lifetime Starts per Starter
- 2019 Sires by Lifetime % of Foals of Racing Age Started
- Top 2019 Sires of Stakes Winners 4 Years Old & Up



**Equine Research News**  
A digital presentation of Grayson-Jockey Club Research Foundation  
Providers of Equine Research From 1940 thru 2020

### STALLION STATISTICS SEEKING DURABILITY, SOUNDNESS

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

Accompanying is the Twelfth 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 progeny earnings for the calendar year 2019. This assures a

2019 Sires by Lifetime Starts per Starter						
Rank	Stallion	YOB	Sire	Foals of RA	2019 Earnings	Starts/ Starter
1	Not For Love	1990	Mr. Prospector	994	\$2,066,417	22.88
2	Pure Prize	1998	Storm Cat	713	\$3,222,615	22.17
3	Cowtown Cat	2004	Distorted Humor	233	\$1,583,407	22.14
4	Wildcat Heir	2000	Forest Wildcat	714	\$2,578,182	21.74
5	Langfuhr	1992	Danrig	1410	\$1,924,932	21.52
6	Windsor Castle	1998	Lord Carson	367	\$2,236,993	21.08
7	Northern Affect	1993	Affect	1182	\$2,989,713	20.78
8	Weigella	2001	Safely's Mark	132	\$1,684,841	20.49
9	Stephen Got Even	1996	A.P. Indy	882	\$1,232,154	20.28
10	Limousine	2001	Grand Slam	484	\$1,472,333	20.10
11	Greeley's Galaxy	2002	Mr. Greeley	192	\$1,154,083	19.99
12	Oriente	1998	Mt. Livermore	815	\$1,441,916	19.89
13	Yes It's True	1996	Is It True	1188	\$4,595,142	19.54
14	Too Much Bling	2003	Rubiano	276	\$1,326,920	19.46
15	Include	1997	Broad Brush	791	\$2,626,451	19.34
16	Jump Start	1999	A.P. Indy	936	\$5,446,564	19.33
17	Congrats	2000	A.P. Indy	957	\$6,790,639	18.89
18	Ministers Wild Cat	2000	Deputy Minister	491	\$1,824,822	18.52
19	Proud Citizen	1999	Gene West	836	\$1,815,584	18.52
20	Vnamity	1999	Danrig	270	\$1,603,833	18.32
21	Macho Uno	1998	Holy Bull	824	\$2,546,370	18.31
22	Bustin Stones	2004	City Zip	215	\$2,428,930	18.23
23	Successful Appeal	1996	Valid Appeal	839	\$2,931,265	18.23
24	Broken Vow	1987	Unbridled	1263	\$4,312,011	18.06
25	Smarty Jones	2001	Elusive Quality	560	\$1,370,694	18.06
26	Unusual Heat	1990	Nureyev	839	\$2,735,444	18.05
27	Hart's Holiday	1999	Harlan	1083	\$2,384,203	17.88
28	Flatter	1999	A.P. Indy	957	\$5,831,347	17.82
29	Diabolical	2003	Artax	176	\$1,194,726	17.81
30	Songandprayer	1998	Unbridled's Song	1057	\$1,783,302	17.76
31	City Zip	1998	Carson City	1302	\$8,995,800	17.64
32	Regal Ransom	2006	Distorted Humor	232	\$1,896,540	17.50
33	Old Forester	2001	Forestry	468	\$2,641,981	17.41
34	High Cotton	2003	Divie Union	412	\$1,230,228	17.38
35	Mizzen Mast	1998	Cozzene	1027	\$3,244,093	17.38
36	Freud	1998	Storm Cat	889	\$4,013,126	17.28
37	Stroll	2000	Pulpit	329	\$1,963,133	16.74
38	Court Vision	2005	Gulch	241	\$3,821,929	16.72
39	Awesome Again	1994	Deputy Minister	1274	\$4,789,062	16.50
40	Malibu Moon	1997	A.P. Indy	1784	\$8,863,906	16.18
41	English Channel	2002	Smart Strike	705	\$6,485,144	16.17
42	Talent Search	2003	Catienus	163	\$1,236,966	16.11
43	Birdstone	2001	Grindstone	625	\$1,597,889	16.01
44	Stormy Atlantic	1994	Storm Cat	1563	\$4,303,727	16.00
45	Wilburn	2008	Bernardini	337	\$1,833,458	15.90

## Issue 2

[Click for this issue](#)

### Welfare and Safety of the Racehorse Virtual Webinars in 2020

(see page for details of each session)



**Equine Research News**  
A digital presentation of Grayson-Jockey Club Research Foundation  
Providers of Equine Research From 1940 thru 2020

### GRAYSON WELFARE & SAFETY WEBINARS

It was no surprise when Grayson-Jockey Club Research Foundation announced that the ninth Welfare and Safety of the Racehorse Summit, which was scheduled to be held in the Keeneland sales pavilion in Lexington, Ky., on June 23, 2020, had to be canceled due to the COVID-19 pandemic. In lieu of an in-person event, Grayson hosted a series of five weekly online seminars on equine health and safety topics which started on May 12, 2020.

"Even though we were unable to host an in-person Welfare and Safety of the Racehorse Summit, we felt it was important to offer these webinars to inform industry stakeholders and the public on the work being done to protect our equine athletes and enhance equine welfare," said Jamie Haydon, president of Grayson. "We thank our presenters and moderators for taking the time to discuss the important work they are doing to protect equine athletes, as well as Keeneland for their continued support of the summit since its inception and look forward to being able to host an in-person event with them in the future."

Among the major accomplishments that have evolved from the previous eight summits are the Equine Injury Database; the Jockey Injury Database; the Racing Surfaces Testing Laboratory; a uniform trainer test and study guide; the racing surfaces white paper and publication of educational bulletins for track maintenance; the publication of stallion durability statistics; the Hoof: Inside and Out DVD, available in English and Spanish; protocols for horses working off of the veterinarian's list; recommended regulations that void the claim of horses suffering injuries during a race; and inclement weather protocols.

The webinars have been well-received and because of the positive response, Grayson plans to host similar health webinars throughout the year.

A brief description of each webinar follows along with links to the webinar on YouTube and to articles from various news sources.

*See the article in Blood Horse: "Big Data, Research, Spurring Improved Safety" - June 20, 2020*



#### Fetlock Injuries: Palmar Metacarpal Disease & How The Various Imaging Modalities Can Be Used To Help Diagnose It

Dr. Katherine Garrett, Shareholder, Rood & Riddle Equine Hospital  
-Discussing uses and advantages of different imaging modalities as well as highlighting common injuries to the fetlock

- [Replay on YouTube](#) - originally aired May 12, 2020
- [Paulick Report](#)
- [Thoroughbred Daily News](#)

## Two Special Research Updates

[Click on photo for complete articles](#)

### Research Update: LAMINITIS

Ongoing and recent projects funded by Grayson-Jockey Club Research Foundation

Dr. Andrew Van Eps, associate professor of equine musculoskeletal research at the University of Pennsylvania School of Veterinary Medicine, has conducted multiple projects funded by Grayson-Jockey Club Research Foundation on laminitis and the efficacy of cryotherapy (foot cooling) as part of treatment.



### Research Update: COLIC

Ongoing and recent projects funded by Grayson-Jockey Club Research Foundation

Summarization on the use of Flunixin or Firocoxib in Postoperative Colic Patients researched by Dr. Anthony Bilkslager and Dr. Amanda Ziegler's at North Carolina State University.



# Grayson Commercial

To further our mission and expand awareness of the foundation, Grayson engaged Wrigley Media to produce a commercial that will be shown at horseshows, racing broadcast, and other equine related events.

## 30 Second Commercial



## One Minute Commercial



# Grayson Webinars



## Welfare and Safety of the Racehorse Summit

### FREE WEBINAR

brought to you by  

The ninth Welfare and Safety of the Racehorse Summit, held this year as a series of weekly webinars due to the impact of the COVID-19 pandemic, concluded today with a presentation on findings from the Equine Injury Database.



### **Fetlock Injuries: Palmar Metacarpal Disease And How The Various Imaging Modalities Can Be Used To Help Diagnose It**

*Dr. Katherine Garrett, Shareholder, Rood & Riddle Equine Hospital*



### **Veterinarian Panel: Importance Of Transparency In Medical Records; Monitoring Horses Between Starts**

*Moderator: Dr. Dionne Benson, Chief Veterinary Officer, The Stronach Group*

*Panel Members: Dr. Ryan Carpenter, Equine Medical Center, Cypress, CA.*

*Dr. William Farmer, Equine Medical Director, Churchill Downs Incorporated*

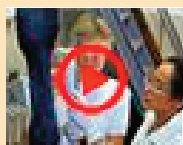
*Dr. Scott Palmer, Equine Medical Director, New York State Gaming Commission*



### **Track Surfaces: Track Surfaces: International Standards For Racing Surfaces And The Expansion Of The Maintenance Quality System**

*Dr. Mick Peterson, Executive Director, Racing Surfaces Testing Laboratory;*

*Professor, Biosystems and Agricultural Engineering, University of Kentucky*



### **California Necropsy Program: Lessons Learned From Dr. Sue Stover's Research**

*Dr. Jennifer Durenberger, The Jockey Club Steward,*

*New York Racing Association*

*Dr. Sue Stover, Professor of Surgical and Radiological Sciences,*

*UC Davis School of Veterinary Medicine*



### **Equine Injury Database: 2019 Statistics And Racing Fatality Data**

*Dr. Mary Scollay, Executive Director and Chief Operating Officer,*

*Racing Medication & Testing Consortium*

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



# Grayson Webinars

## VET CHATS

Webinar *presented by* **Grayson-Jockey Club Research Foundation**



### **Equine Gastric Ulcer Syndrome**

*Dr. Ben Sykes, Associate Professor Equine Internal Medicine,  
Massey University*



### **Therapeutic Use Of Stem Cells For Tendon And Ligament Injuries**

*Dr. Lauren Schnabel, Professor, North Carolina State University*



### **Colic**

*Dr. Anthony Blikslager & Dr. Amanda Ziegler,  
North Carolina State College of Veterinary Medicine*



### **EPM & Wobblers**

*Dr. Stephen Reed, Professor at The Ohio State University  
& Partner of Rood and Riddle Equine Hospital*



### **Learning About Laminitis**

America's Best Racing Hosted Webinar

*Dan Tordjman and Penelope Miller, America's Best Racing*

*Dr. Sara Langsam, TFB Equine*

*Dr. Andrew Van Eps, University of Pennsylvania-SVM*

*Jamie Haydon, President GJCRF*



[Link to our YouTube Page](#)

## Health Zone published in the *Blood Horse* Magazine



*Each article can be accessed by clicking on the title*

- **Nutritional Management Of The Equine Metabolic Syndrome Horse—  
A Topic That Needs More Research**
- **Challenges And New Perspectives Of Foal Vaccination**
- **EGUS Prevention: It Is Not Just About What You Feed**
- **Equine Gastric Ulcer Syndrome In Foals**
- **Osteoarthritis- Resolving Joint Inflammation from the Inside**
- **The Latest on Laminitis Studies**
- **Does Magnitude of Airborne Exposure Predict Disease Development**



## 2020 Press Releases



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

- **Gamble for Grayson Handicapping Challenge between Little Red Feather and Equibase to benefit Grayson**
- **Kentucky Downs to Enable Donations to Grayson-Jockey Club Research Foundation during September Meet**
- **Grayson-Jockey Club Research Foundation and Indiana Grand to partner for Grayson Grass Challenge**
- **Virtual Welfare & Safety of the Racehorse Summit Concludes with Update on the Equine Injury Database**
- **Ninth Welfare and Safety of the Racehorse Summit Canceled; Grayson to Host Weekly Webinars**
- **St. Elias Stables to Fund Research Project on Bisphosphonates**
- **More than \$1.3 Million in Funding Approved for Equine Research by Grayson-Jockey Club Board**
- **Grayson-Jockey Club Research Foundation Named Official Charity of 2020 Land Rover Kentucky**
- **Grayson-Jockey Club Research Foundation to hold Photo Contest to Celebrate Healthy Horses**

# What Others Are Saying About Us



## Helping Horses of All Breeds



338 0



Photo by John Joyner/NC State Veterinary Medicine

By Holly White, Director of Development, Grayson-Jockey Club Research Foundation

In 2019, Grayson-Jockey Club Research Foundation had the opportunity to participate in the US Dressage Finals presented by Adequan® as a charity partner. We greatly enjoyed the opportunity to be a part of this world-class event, which showcases and celebrates horses of all breeds. We were further delighted with how we were welcomed with open arms to the competition.

[Click for online article](#)



NEWS, NORTH AMERICA

## Funding Crucial Equine Health Research: Grayson-Jockey Club Research Foundation's Grant Makes Differences for Sport Horses with Diagnostic and Joint Therapy Advancements

SEPTEMBER 22, 2020 by AMMAN HEBNER



Lexington, KY. – Sept. 22, 2020 – As any equestrian understands, horse ownership comes with its fair share of difficulties, especially when it comes to their horse's health. Whether it is driving the trailer across the state to receive expert opinions for an injury or spending months with tedious rehabbing procedures, or even a misdiagnosis of a mystery ailment due to lack of technology, the success of your riding goals relies heavily on your horse's health. Fortunately there is an organization dedicated solely on advancing medical opportunities through funding cutting edge veterinary research – The Grayson-Jockey Club Research Foundation (GJCRF).



[Click for online article](#)

## BLOODHORSE



BIG DATA,  
RESEARCH,  
SPURRING  
IMPROVED SAFETY

[Click for online article](#)

# The Junior Membership Program



The Grayson Grazette is part of our Junior Membership program and is designed to encourage responsible horse ownership. It includes fun activities for young horse enthusiasts, as well as providing useful information on horse care.

In 2020 the newsletter increased in size to accommodate the need for learning activities at home. Previous volumes are also available online in our media center- [Click Here](#)

## The Grayson Grazette

**OUR BIGGEST ISSUE**

Volume 10, Spring/Summer 2020  
A newsletter for Junior members of  
Grayson-Jockey Club  
Research Foundation.

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**In this issue!**

- Movie Night Favs
- Horse Alphabet
- Know Your Saddle
- Make a Carousel Horse
- Coloring Page
- Word Search Fun
- Summer Horse Treats

**Missed an issue?**  
[Click here for other issues.](#)

Admiral loves to hear from his fans. He will write you back when you email him at [admiral@grayson-jockeyclub.org](mailto:admiral@grayson-jockeyclub.org)

The Grayson Grazette is the digital newsletter for Junior Members of the

Grayson-Jockey Club  
Research Foundation  
501(c)(3) organization

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[f](#) [t](#) [i](#) [v](#) [y](#) [t](#)

**Staying Home, Now What?**

You may find you have more time to spend thinking about horses than usual for the next few months. Hopefully you can still visit your four legged friends at the barn, but what do you do at home? We have talked to many of our horse friends to pull together this list of some fun that will keep you busy for hours. If you are looking for more fun things to do be sure to visit our back issues at the link on the left for more!

**Weekly Equine Movie Night**

There are many great movies about horses. Here is a link of top 10 movies to watch that includes previews to of each movie: [CLICK HERE FOR LIST](#)

Of course to make any movie night special you need snacks. Popcorn, pretzels, and candy are all great snacks at the movies, but you may want to make everyone a special horsey treat.

**You need:**

- Oval shaped crackers
- Mini chocolate chips
- Silvered almonds
- Peanut butter or if you have peanut allergies
- Strawberry flavored cream cheese
- Sliced Bananas (in half)

- 1) Spread peanut butter or cream cheese on the whole cracker.
- 2) Place the banana half on the bottom of the cracker.
- 3) Add silvered almonds for the ears.
- 4) Mini chocolate chips for the eyes and nostrils and enjoy!

Page 1

## Spring Edition [Click for this issue](#)

- Horsey Movie Night Ideas
- The Horse Alphabet
- Know Your Saddle
- Make a Carousel Horse
- Coloring Page
- Word Search
- Summer Horse Treat

## Fall Edition [Click for this issue](#)

- Keeping Horses Hydrated in Cold Weather
  - Preparing for Cold Weather
  - Make a Horse Puppet
- Crossword and Word Search
  - Printable Book Marks
  - Coloring Page
- Recipe for Horse Mash

## The Grayson Grazette

Volume 11, Fall/Winter 2020  
A newsletter for Junior members of  
Grayson-Jockey Club  
Research Foundation.

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**In this issue!**

- Keeping Horses Hydrated in Cold Weather
- Preparing For Cold Weather
- Making A Horse Puppet
- Crossword & Word Search
- Printable Book Marks
- Coloring Page
- Recipe For Mash

**Missed an issue?**  
[Click here for other issues.](#)

Write to Admiral  
[admiral@grayson-jockeyclub.org](mailto:admiral@grayson-jockeyclub.org)

The Grayson Grazette is the digital newsletter for Junior Members of the

Grayson-Jockey Club  
Research Foundation  
501(c)(3) organization

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859-224-2850  
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212-371-5970  
[grayson-jockeyclub.org](http://grayson-jockeyclub.org)

[f](#) [t](#) [i](#) [v](#) [y](#) [t](#)

**Tips for Keeping Horses Drinking During Cold Weather**

Published in the January, 16, 2017 of [horsesdvp.com](http://horsesdvp.com)

During the cold weather, horses are often less inclined to drink, which can result in increased risk of dehydration and colic. Provided herein is a list of various methods that may be helpful for keeping horses drinking and remaining healthy and hydrated!

**Keep 'em Filled**

Studies show that horses drink more when there is more water available—!! It is a natural survival instinct. So make sure to keep those water troughs or buckets consistently filled. If needed, purchase an additional or larger trough and/or buckets.

**Provide Warm Water**

During cold weather, horses drink 40% more water when it is warm than when cold. In addition, for horses living in areas where temperatures fall below freezing, unless water is heated sufficiently it will freeze over and prevent horses from accessing any water until the frozen blocks of ice melt or are physically removed.

continued on page 2

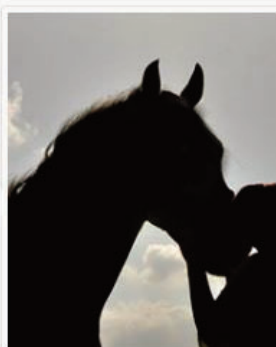
Page 1

# Tribute & Heritage Society Programs

This program allows donors to make a donation in memory or in honor of a horse and share a story about the horse.

[Click Here To Review Our Tribute Page](#)

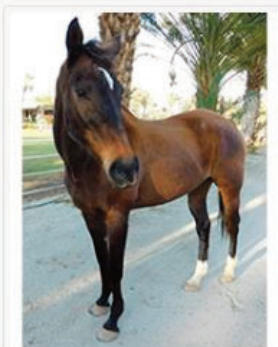
## CHAMPION LEVEL



**Kimmie's Dream**

Kimberly Little

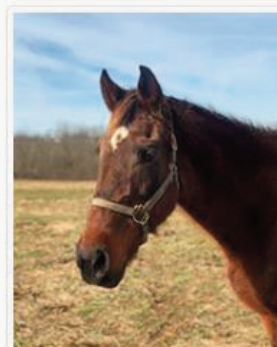
*Donated by:  
Laura Little*



**Glorious Alliance**

Karen Graninger

*Donated by:  
V Lyn Powell*



**Preach**

*Donated by:  
Claiborne Farm*

The Heritage Society helps donors to include the Foundation in their estate planning.

[Click Here For More Information](#)

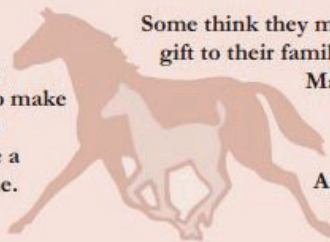
**Heritage  
Society**

### CREATE A LASTING LEGACY OF HELPING HORSES...

Estate planning does not need to begin late in life.

Foresight today can make a significant impact on the well-being of horses in the future.

You don't have to have extraordinary wealth to make a planned gift. Even a small amount can have a **BIG IMPACT** over time.



Some think they must choose between leaving a gift to their family or charity. **YOU CAN DO BOTH!**

Many planned gifts actually save your family money.

#### IT'S EASY.

A simple designation can make a huge difference in the health of all horses.

#### THE HERITAGE SOCIETY

The Heritage Society honors those loyal individuals who have included a gift to the foundation in their will and/or estate plans.

Consider making a planned gift by designating a percentage of your estate. Examples of how you can give back to the horses include:

- Make a gift that costs nothing during your lifetime.
- Give stock and realize a larger tax savings.
- Donate your house/property and get a tax break all at the same time.

#### Useful Tools May Include:

- Wills • Living Trusts • Securities • Real Estate or Retained Life Estate • Life Insurance Policies • Retirement Plan Assets • Retained Life Estate

*When considering making a planned gift to Grayson Jockey Club Research Foundation, please be sure to consult your legal and tax advisors.*

# Rider Ambassador Program



Victoria Colvin and Lynn Symansky became our newest Rider Ambassadors.



Maggie Wolfendale appeared many times on TV with her Grayson Saddle Cloth.

# Annual Report & Stewardship Mailings

**2019 Annual Report**

**Grayson-Jockey Club Research Foundation**

*... funding research to build better equine health since 1940*

## The 2019 Annual Report

Details of Activities [click here](#)

Financials [click here](#)

## 2020 Stewardship Mailings



Funding Equine Research Today, Tomorrow And Into The Future.

Selecting the most impactful research for all horses

Grayson-Jockey Club Research Foundation

Funding OVER \$29.1 million with 384 Projects at 45 Universities Across the Globe Since 1983

Support Grayson as part of your horse's health care routine.

Text-to-give: horsehealth to 243725

Grayson-Jockey Club Research Foundation

821 Corporate Drive • Lexington, NY 14823 • 607.234.2855  
 85 East 34th Street • New York, NY 10018 • 212.512.5122  
[grayson-jockeyclub.org](http://grayson-jockeyclub.org) • [contact@grayson-jockeyclub.org](mailto:contact@grayson-jockeyclub.org)

- Placentitis
- Foal Pneumonia
- Immunizations
- Parasite Control
- Colic
- EHV-1
- Laminitis
- Infectious Diseases
- Fetlock Injury
- Asthma & EIPH
- Surfaces
- Advanced Imaging
- Injury Database Analysis



# Events and Contests

Several tracks joined forces with the foundation to create handicapping challenges with proceeds from the event going to Grayson.

**Grayson-Grass Challenge at Indiana Grand Standings**

Indiana Grand Handicapping Group

Ellis Starr National Daily Market Equibase \$46	Nick Luck Racing Broadcaster & Writer \$949	Nancy Holthus Paddock Analyst \$54	Rachel McLaughlin Racing Analyst \$16	Bill Downes 18 Grand Track Announcer \$4	Gabe Prowitt Equibase Grade Sheets \$16	Daniel Tordjman America's Best Racing
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Third week races are Monday, Aug. 24 – Race 5 and Tuesday, Aug. 25 – Race 8

We now have over \$2,138 in the pool for Grayson-Jockey Club Research Foundation, which includes \$1,069 matched by Indiana Grand!

Grayson-Jockey Club Research Foundation | All Winnings Fund Equine Research | INDIANA GRAND

Grayson-Jockey Club Research Foundation  
April 3 · 🌐

Drum roll please... Grayson's 2020 Photo contests winners are 🎉:

- Jenny Doyle
- Amber Bond

Tha... See More

1  
2

553 People Reached | 276 Engagements | Boost Post

A photo contest was held via facebook to build the brand.

**1/ST CHARITY HANDICAPPING CHALLENGE SUNDAY OCT/25**

BENEFITTING THE GRAYSON-JOCKEY CLUB RESEARCH FOUNDATION

TEN 1/ST TEAMS ONE DAY OF RACING A GREAT CAUSE!

1/ST BET

**Gamble for Grayson Handicapping Challenge**

LITTLE RED FEATHER RACING VS EQUIBASE

November 28 & 29

Gary Fenton (Managing Partner Little Red Feather) vs Kenny Mayne (Sports Journalist ESPN)

Christina Blacker (TVG Host, Reporter and Analyst) vs Ellis Starr (National Racing Analyst Equibase)

Five graded stakes races at Del Mar Thoroughbred Club  
\$500 bankroll for each. \$100 must be played on each of the specified races on win, place, show, exacta, trifecta, or superfecta wagers.  
At the end of the weekend, all remaining bankroll and winnings will be donated to

Grayson-Jockey Club Research Foundation

ELIZABETH LOCKE JEWELS

## HORSES BENEFIT FROM EVERY PURCHASE

Elizabeth generously donates 20% of each sale associated with this mailing to the Grayson-Jockey Club Research Foundation to further equine medical research.



Grayson-Jockey Club Research Foundation

October 2 at 5:52 PM · 🌐

Thank you for the shoutout Mary Jane Fowler, congrats on your wins today with Undressed N Radical (Max) in the Green Working Hunter Classic and the Progressive Working Hunter Classic at Lakeside Arena.

Grayson supports horses of all breeds and disciplines, find out more @ [grayson-jockeyclub.org](http://grayson-jockeyclub.org)



Mary Jane Fowler is <sup>14</sup> attending AQHA October Fall Fun and Kentucky Fall Classic Shows with Deb Lubrano and Nancy Kunkel at Lakeside Arena.

October 2 at 2:34 PM · Frankfort, KY · 🌐



In January, Grayson once Again sponsored The Pony Club- Research Project Fair

🙌 Thank You [PS Dressage](#) for the mention 📢 we ❤️ seeing all the healthy and shiny ✨ horses!



Phelps Media Group

August 20 · 🌐

U.S. Dressage Festival of Champions is underway in Illinois and we are thrilled to have two representatives for our sister site [PS Dressage](#) on-site to provide sh... See More

# Ads & Social Media



**Helping Horses Do What They Do At Their Best**

*Text to give: horsehealth to 243725*

 GRAYSON-JOCKEY CLUB  
RESEARCH FOUNDATION    



**Welfare and Safety of the Racehorse Summit**

**FREE WEBINAR**

brought to you by  



Access our library of videos featuring Vet Chats,  
Welfare & Safety Webinars, Research Projects,  
How Grayson Helps All Horses and MORE!

*text HORSEHEALTH to 243725*

 GRAYSON-JOCKEY CLUB  
RESEARCH FOUNDATION    



Grayson salutes our funded researchers and partner veterinarians who are donating their resources and time to battle the Covid-19 crisis.



**GRAYSON-JOCKEY CLUB  
RESEARCH FOUNDATION**



to give text "horsehealth" to 243725

**Donate Now To Protect  
Horses Today, Tomorrow  
And Into The Future.**

*The Time Is Now!*



**GRAYSON-JOCKEY CLUB  
RESEARCH FOUNDATION**

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



Check out our new commercial with our QR code



Photo by Anne M. Eberhardt



**Funding Research...  
...It's What We Do!**

Join us in making all horses healthier  
text **HORSEHEALTH** to 243725

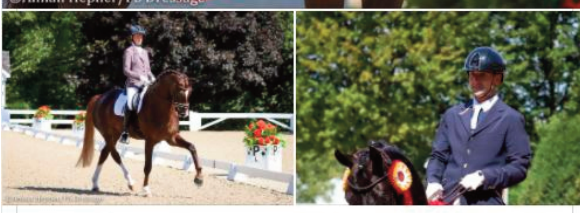


**GRAYSON-JOCKEY CLUB RESEARCH FOUNDATION**



 Grayson-Jockey Club Research Foundation  
August 22 · 🌐

🏆 Festival of Champions 🏆  
Happy, healthy horses doing what they do best! ❤️ 🍌 🍌  
All the treats for these special young horses! 🍌 🍌 🍌





©Annan Hepner/PS Dressage

PS Dressage with Grayson-Jockey Club Research Foundation.  
Paid Partnership · 🌐

One name continued to be heard over the loudspeaker during the victory laps today at the Markel/USEF Young Horse Dressage National Championship: Grand Galaxy Wi... See More





 grayson\_jockeyclub · Following

 grayson\_jockeyclub #thankyou #thoroughbredcharitiesofamerica #proud #grantee #furthering #equineresearch

18 likes  
SEPTEMBER 10



 grayson\_jockeyclub · Following

 grayson\_jockeyclub #aqhaproud #greenwithahunter #proudsponsor #healthyhorses #supportequineresearch

18 likes  
OCTOBER 2

Add a comment... [Post](#)



**Grayson-Jockey Club Research Foundation**



**SUPPORT HEALTHY HORSES**  
**GIVING TUESDAY**

Follow us...

-  Facebook
-  Twitter
-  YouTube
-  Instagram

 Grayson-Jockey Club Research Foundation  
January 16 · 🌐

#thankfulthursday for your "favorite old sweatshirt"

At 18 years young Veronica a Dutch mare, with Grayson Rider Ambassador Lauren Kieffer Nicholson of [Lauren Kieffer Eventing](#) in the irons returned to competition this past weekend after an injury sidelined her for 18 months.

"We took so long rehabbing her — hours of long walks, and once she started trotting we only added 30 seconds every couple days."... See More



EVENTINGNATION.COM

Like a Fine Wine: Lauren Kieffer Enjoys the Ride with Veronica - Eventing Nation - Three-Day Eventing News,...

**Your Donation Will Help Protect Horses  
...Today, Tomorrow  
And Into The Future.**

*text-to-give horsehealth to 243725*



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to  
243725*



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horsehealth  
to 243725*



**We need  
YOU  
now more  
than ever!**



**Funding Equine Research  
To Help All Horses Live  
Healthier Lives**

**Donate Today!**

*grayson-jockeyclub.org*  
**text "horsehealth" to 243725**



**Grayson-Jockey Club  
Research Foundation**

Protecting Horse Health  
Today, Tomorrow...  
And Into The Future.



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**Grayson-Jockey Club  
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Funding Equine Research To  
Help All Horses Live Healthier Lives



**Donate Today!**

[grayson-jockeyclub.org](http://grayson-jockeyclub.org)  
text "horsehealth" to 243725



text-to-give  
horsehealth to 243725

Our partners understand the importance of healthy, sound horses.

**THANK YOU FOR YOUR CONTINUING SUPPORT!**



CHURCHILL  
DOWNS

**EQUIBASE**



LITTLE RED  
FEATHER  
RACING CLUB



**1/ST**



**WINSTAR**

*Please join them with your support.*

Grayson-Jockey Club



Research Foundation

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



# WHAT DO THEY ALL HAVE IN COMMON BEYOND RACING?



Paynter



Bal a Bali



Lord Nelson



Lady Eli

They all Survived Laminitis  
Because of Cryotherapy Treatment Research  
Funded by

**GRAYSON-JOCKEY CLUB  
RESEARCH FOUNDATION**

*text-to-give horsehealth to 243725*



*Photo by  
Anne M. Eberhardt*

## **Jockeys understand the importance of healthy, sound horses.**

Thank you to the jockeys at these tracks who gave us their support in 2019!

Del Mar Thoroughbred Club • Delaware Park • Emerald Downs  
Gulfstream Park • Keeneland • Monmouth Park • Prairie Meadows  
Remington Park • Santa Anita Park • Saratoga Race Course



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**Donate Now To Protect  
Horses Today, Tomorrow  
And Into The Future.**

***The Time Is Now!***

*Photo by Anne M. Eberhardt*



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**Horses Strive To Be Our Champions...We Must ALWAYS Be Theirs**

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*Check out our new commercial with our QR code*



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