

Laminitis
Musculoskeletal



Reproduction
Infectious Diseases

EQUINE **RESEARCH** 

Respiratory  Colic Track & Arena Surfaces

Grayson-Jockey Club Research Foundation

**BUILDING AWARENESS
IN 2021**

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

2021 Project List
Research Spotlight
Equine Research News
Equine Handbook
Research At Work Videos
Vet Chat Videos
Blood Horse Health Zone
A. Gary Lavin Chair
Other Publications
Tribute Program
Rider Program
Annual Report
Stewardship Mailings
Sponsorships
Events & Contests
Social Media Postings & Support
Print and Online Ads

2021 Grayson-Jockey Club Research Foundation Funded Projects



The board of directors of Grayson-Jockey Club Research Foundation has authorized expenditure of \$1,648,434, the most that the foundation has ever allocated in a year, to fund 13 new projects at 12 universities, 12 continuing projects, and two career development awards worth \$20,000 each. The 2021 slate of research brings Grayson-Jockey Club Research Foundation's totals since 1983 to more than \$30.6 million to underwrite 397 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, the intent is 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.

Hyperthermia And Acidosis In Exertional Muscle Damage

Michael Davis, Oklahoma State University

This project will identify an underlying cause of exercise-associated muscle fatigue and soreness and allow trainers to more precisely condition horses with fewer training days lost to muscle soreness.

Developing An Improved Serological Test For Strangles

Noah Cohen, Texas A&M University

This project proposes to develop a more accurate blood test to identify horses infected with the bacterium that causes strangles to improve control and prevention of strangles.

Mitigation Of Equine Recurrent Uveitis Through SOCS

Joseph Larkin, University of Florida

This project seeks to design a topical eye drop, using a natural protein, which helps to prevent pain and blindness associated with equine recurrent uveitis.

Environmental Origins Of Equine Antimicrobial Resistance

Brandy Burgess, University of Georgia

This study will elucidate how antimicrobial resistance and virulence determinants are shared among horses and hospital environment, as well as the role antimicrobial exposure plays at this interface.

Treatment Of Joint Injury With Mesenchymal Stromal Cells

Thomas Koch, University of Guelph

This project will be evaluating of equine umbilical cord blood-derived mesenchymal stromal cells to treat joint injuries in horses.

Optimizing Bone Growth To Reduce Equine Fracture

Mariana Kersh, University of Illinois Urbana-Champaign

The aim is to reduce distal limb fractures through exercise in young horses having a significant positive impact on horse welfare as well as, the economics and public perception of the horse industry.

New Generation Equine Influenza Bivalent VIP Vaccine

Thomas Chambers, University of Kentucky

The study proposes to create a novel, safe and effective vaccine for equine influenza based on the 21st-century technology of non-infectious virus-like particles produced in plants.

Expanding Knowledge of the Micro-Biome in Mares & Foals

University of Kentucky, Gluck Equine Research Center

This project will look to provide sampling and analysis including PCR, genomic and microbiology of the micro-biome in mares and foals.

Injury Prediction From Stride Derived Racing Load

Chris Whitton, University of Melbourne

By studying patterns in bone fatigue accrual over time in racehorses, better and earlier, the aim is to identify horses at risk of limb injury, facilitating timely evidence based preventative strategies.

Sponsored by



Predicting Exercising Arrhythmias With Resting Eggs

Molly McCue, University of Minnesota

Using at rest ECGs to identify horses with irregular heart rhythms at exercise that can cause sudden cardiac death (SCD), to allow increased monitoring and improved understanding of SCD.

Understanding And Preventing Supporting Limb Laminitis

Andrew Van Eps, University of Pennsylvania

We aim to make supporting limb laminitis preventable through analysis of archived model tissues, a multi-center limb motion study of horses at risk, and development of a prototype therapeutic device.

Diagnosis Of Incipient Condylar Stress Fracture

Peter Muir, University of Wisconsin–Madison

This study will save the lives of racehorses by establishing screening using fetlock CT for diagnosis of horses with a high risk of imminent serious injury for personalized clinical care.

SECOND YEAR PROJECTS IN 2021

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.

Enhancing The Efficacy Of Mesenchymal Stem Cells 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 (5' AMP-activated protein kinase enzyme) 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.

Superficial Digital Flexor Tendinitis 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.

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 & Bone Metabolism

Funded by



Heather Knych, University of California- Davis

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

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

Sponsored by



Molly McCue, University of Minnesota

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 (Equine Herpesvirus 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).

[Click here to see the press release](#)

Funding Equine Research... Today, Tomorrow and Into the Future.

Research Spotlight



RECORD FUNDING FOR EQUINE RESEARCH

The board of directors of Grayson-Jockey Club Research Foundation announced today that it has authorized expenditure of \$3,638,434, the most that the foundation has ever allocated in a year, to fund 12 new projects at 12 universities, 12 continuing projects, and two career development awards worth \$20,000 each. This marks the seventh straight year that more than \$1 million has been approved. The 2021 slate of research brings Grayson-Jockey Club Research Foundation's totals since 1983 to more than \$36.6 million to underwrite 596 projects at 43 universities.



"We are honored by the continued commitment of universities to supporting equine veterinary research throughout these difficult times and that we are able to disburse more funding than ever before, enabling us to help horses of all breeds and disciplines," said Dell Harnack, chair of Grayson.

"Despite a challenging year, Grayson-Jockey Club was excited to receive 51 grant applications from a variety of veterinary institutions in North America as well as from other countries," said Dr. Stephen M. Reed, chair of

Grayson's research advisory committee. "The subject matter is diverse and ranges from identifying new methods to treat and prevent infectious disease to development of computational models using big data to investigation of novel imaging techniques to prevent orthopedic injuries. As in previous years, we have funded two career development awards for young investigators. As ever, we are excited about the quality of the grants and the ability to continue to make important contributions to equine health."

NEW YEAR PROJECTS IN 2021

Passive Immunization of Foals with RNA-Ab Against R. equi
 Dr. Jerome Pollett, Baylor College of Medicine
 By inhalation therapy, the intent is 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.

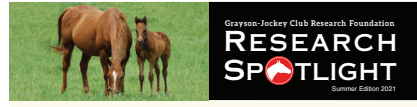


Hypertrophy and Atrophy in Exercise-Induced Muscle Damage
 Michael Davis, Oklahoma State University
 This project will identify an underlying cause of exercise-associated muscle fatigue and soreness and allow trainers to more precisely condition horses with fewer training days but to muscle soreness.

Developing an Improved Serological Test for Strangles
 Noah Cohen, Texas A&M University
 This project proposes to develop a more accurate blood test to identify horses infected with the bacterium that causes strangles to improve control and prevention of strangles.

Spring Edition Click for this issue

- Announcement of Grant Projects Funding for 2021
- New Projects for 2021
- Second Year Projects for 2021
- 2021 Career Development Award Winner



GRAYSON RESEARCH USING mRNA THROUGH INHALATION THERAPY TO TREAT FOALS FOR RHODOCOCOCCUS equi

Included in the 2021 Grayson-funded projects is a groundbreaking project that is using a vaccine composed of lab-made messenger RNA molecule (mRNA), which provides passive immunization of foals against *Rhodococcus equi*. This research is a joint study with Dr. Jerome Pollett of Baylor College of Medicine and Dr. Noah Cohen of Texas A&M University. We recently interviewed these two established researchers about this exciting project.



What is the current treatment for *R. equi*?
 Dr. Noah Cohen: The current treatment of choice is a macrolide antimicrobial, with some debate about whether or not to combine ritonavir with the macrolide. Ancillary treatments include anti-inflammatory drugs, bronchodilators, additional antimicrobial agents, and probiotics or other anti-diarrheal products to help with diarrhea caused either by the antimicrobial drugs or the *R. equi* infection itself (coliform *R. equi* primarily infects the lungs, it can also infect other sites including the intestinal tract). The course of treatment often lasts for weeks and can thus be expensive. The macrolide antibiotics have associated risks, including diarrhea in the foals and occasionally their dams, and hyperthermia (overheating/fallout to dissipate heat). Since *R. equi* can also infect sites other than the lungs (such as the eyes, intra-abdominal lymph nodes, intestinal tract, bone, etc.), specific additional treatments may be generally provided for a very long time (one to 30 years).

Why is aerosolization of mRNA into the foal's lungs more effective than vaccinating the foal?
 Dr. Noah Cohen: Delivering mRNA to the lungs is important because the *Rhodococcus* are inhaled, and the lungs are the primary site of infection. It is our belief and hope that directly producing antibodies in the lungs will more effectively prevent pneumonia caused by *R. equi* than does transferring plasma from donors that are hyperimmunized against *R. equi*.

In reference to this project, it is important to clarify the distinction between active and passive immunization. Active immunization is the process of being given a vaccine. For example, the Moderna and Pfizer vaccines against COVID-19 have mRNA that gets translated into a protein of the virus that causes COVID-19 (known as SARS-CoV-2), and our bodies then recognize that protein and make antibodies against it to protect us against SARS-CoV-2.

Dr. Jerome Pollett: Active immunization has both advantages and disadvantages. Advantages: A vaccinated individual is generally protected for a very long time (one to 30 years). Disadvantages: It takes at least four weeks before immunity is reached after vaccination. In that time period the individual is still susceptible to infection. In addition, the immune system of newborns is often not immediately

Summer Edition Click for this issue

- Research Using mRNA Through Inhalation Therapy To Treat Foals For Rhodococcus equi
- One Foal's Journey With R equi
- 2021 Educational and Sponsorship



ROWING THE NEXT GENERATION OF EQUINE RESEARCHERS

Grayson offers two Career Development Awards each year: the Storm Cat Career Development Award and the Elaine and Bertalan Allen Development Award. Both of these programs are designed to promote development of promising research investigators by providing a one-year salary supplement.

The Storm Cat Career Development Award was inaugurated in 2004 and is \$25,000 per year. It has been underwritten annually by Mrs. Lucy Young Hamilton, a Grayson-Jockey Club Research Foundation board member whose family owned the original champion stallion Storm Cat at Overbrook Farm.

The Elaine and Bertalan Allen Development Award is named in memory of a renowned breeder and has been underwritten annually by Mrs. Lucy Young Hamilton, a Grayson-Jockey Club Research Foundation board member whose family owned the original champion stallion Storm Cat at Overbrook Farm.

Preference is given to post-residency fellows and PhD students nearing completion of their program with a record of publication and production. In addition, it is important that the proposed programs have sufficient importance and impact that the continuation of study by the recipient shows promise for a long-term research career. The Foundation Research Advisory Committee reviews applications and makes recommendations as to the best candidate to fill the position. All Board of Directors.

The deadline each year for applications is November 1st, and the recipient is usually announced in March of the following year.

Grayson is proud to have played a part in the research careers of the individuals highlighted in our newsletter and wishes each continued success in reaching their career goals.

Storm Cat Award Recipients

Dr. Jonathan Cleveland
 Cornell University • 2006
 Received his PhD at Cornell in 2008 where he is an Assistant Professor of large animal surgery and continues his research dealing with the upper respiratory tract. Dr. Cleveland received a grant from Grayson in 2015 as the Principal Investigator (PI) on a study addressing laryngeal neuropathy and is currently on the Grayson research advisory committee.

Dr. Christianne Magee
 Colorado State University • 2008
 Received her PhD from Colorado State University and maintains the "Magee Laboratory", an active research facility where she studies the role of ketoprofen in the horse and collaborates with others to study several aspects of neuroendocrinology, including a 2017 Grayson funded project.

Dr. Martin Vidal
 East Tennessee State University • 2007
 Received his PhD in 2009 from USC and moved to UT-Davis where he did research in somatosensory cells. Dr. Vidal received a grant from Grayson in 2010 for a stem cell research project. He is now in private practice in Phoenix, Arizona.

Dr. Melissa King
 Colorado State University • 2009
 Received her PhD from Colorado State University and works as the assistant professor in the Equine and Equine Sports Medicine and Rehabilitation Department of the CSU orthopedic research laboratory.

Fall Edition Click for this issue

Featuring all of our past Career Development Award winners with updates on their careers

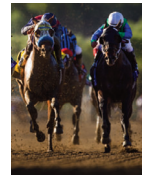
Equine Research News



STALLION STATISTICS SEEKING DURABILITY, SOUNDNESS

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

Accompanying is the eleventh 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 2020.

2020 Sires by Lifetime Starts per Starter						
Rank	Stallion	YOB	Sire	Foals of RA	Earnings	Starts/
1	Indy Wind	2002	A.P. Indy	86	\$1,074,464	25.92
2	Cowtown Cat	2004	Distorted Humor	244	\$1,213,989	22.72
3	Wildcat Heir	2000	Forest Wildcat	715	\$1,347,822	22.54
4	Langfuhr	1992	Daring	1423	\$1,082,039	21.67
5	Windsor Castle	1998	Lord Carson	393	\$1,418,929	21.65
6	Northern Afflict	1993	Afflict	1205	\$1,899,594	20.89
7	Mobd	2000	Langfuhr	717	\$1,038,168	20.33
8	Yes: It's True	1996	Is It True	1188	\$2,035,270	20.24
9	Orienteer	1998	Mt. Livermore	833	\$985,029	20.05
10	Jump Start	1999	A.P. Indy	962	\$1,307,204	19.47
11	Include	1997	Broad Brush	814	\$2,365,315	19.32
12	Congrats	2000	A.P. Indy	1042	\$5,181,151	19.20
13	Proud Citizen	1999	Gone West	826	\$1,012,316	19.00
14	Ministers Wild Cat	2000	Deputy Minister	532	\$1,269,062	18.66
15	Successful Appeal	1996	Valid Appeal	845	\$1,938,796	18.58
16	Bustin Stones	2004	City Zip	245	\$1,493,324	18.46
17	Macho Uno	1998	Holy Bull	858	\$1,720,253	18.34
18	City Zip	1998	Carson City	1302	\$7,842,836	18.32
19	Smarty Jones	2001	Elusive Quality	546	\$986,618	18.21
20	Unusual Heat	1990	Nureyev	839	\$1,326,901	18.18
21	Wronsky	1999	Daring	313	\$1,280,246	18.13
22	Songandspayer	1998	Unbridled's Song	1075	\$996,010	18.12
23	Court Vision	2005	Gulch	276	\$2,095,639	18.10
24	Too Much Bling	2003	Rubiano	322	\$1,449,077	18.08
25	Broken Vow	1997	Unbridled	1308	\$2,737,261	18.06
26	Flatter	1999	A.P. Indy	1028	\$1,356,084	17.90
27	Old Forester	2001	Forestry	498	\$2,027,661	17.78
28	Charitable Man	2006	Lemon Drop Kid	151	\$1,105,558	17.71
29	Muzen Mast	1998	Cozzene	1090	\$2,629,665	17.38
30	Stroll	2000	Pulpit	347	\$1,504,698	17.31
31	Wilburn	2008	Bernardini	860	\$1,057,594	17.28
32	Freed	1998	Storm Cat	919	\$2,080,790	17.24
33	Street Magician	2004	Street Cry (IRE)	147	\$1,011,377	17.03
34	Friesan Fire	2006	A.P. Indy	239	\$1,460,803	16.86
35	Awesome Again	1994	Deputy Minister	1212	\$1,181,386	16.62
36	English Channel	2002	Smart Strike	766	\$6,115,015	16.61
37	Birdstone	2001	Grindstone	647	\$1,171,933	16.48
38	Exchange Rate	1997	Daring	997	\$1,794,315	16.43
39	Stormy Atlantic	1994	Storm Cat	1575	\$1,744,794	16.16
40	Malibu Moon	1997	A.P. Indy	1883	\$6,035,290	16.16
41	Adios Charlie	2008	Indian Charlie	242	\$1,841,153	16.14
42	Kitten's Joy	2001	El Prado (IRE)	1621	\$6,373,833	16.13
43	Stay Thirsty	2008	Bernardini	357	\$3,762,330	15.94
44	Tale of the Cat	1994	Storm Cat	1839	\$1,878,392	15.90
45	Smart Strike	1992	Mr. Prospector	1570	\$1,188,030	15.86

DURABILITY ISSUE

[Click for this issue](#)

The Annual Stallion Durability & Soundness Statistics

- 2020 Sires by Lifetime Starts per Starter
- 2020 Sires by Lifetime % of Foals of Racing Age Started
- Top 2020 Sires of Stakes Winners

Equine Malady Handbook

Equine Handbook



Grayson-Jockey Club Research Foundation

Grayson-Jockey Club Research Foundation exist to help all horses by funding excellent and significant veterinary research at universities in North America and beyond.

To learn more about our funded research or to join us in our mission to help all horses live healthier lives visit grayson-jockeyclub.org.

Equine Handbook

A printed, pocket size handbook aimed at introducing and explaining common issues faced by horses.

Not a substitute for veterinarian care, but an aid to the horse owner.

Research At Work

Short videos describing the aims of recently funded projects:



ASTHMA, PERFORMANCE AND OMEGA-3S IN RACING THOROUGHBREDS

Dr. Laurent Couetil, Purdue University



HYPERTHERMIA AND ACIDOSIS IN EXERTIONAL MUSCLE DAMAGE

Dr. Michael Davis, Oklahoma State University



INJURY PREDICTION FROM STRIDE DERIVED RACING LOAD

Dr. Chris Whitton, University of Melbourne



DIAGNOSIS OF INCIPIENT CONDYLAR STRESS FRACTURE

Dr. Peter Muir, University of Wisconsin–Madison



EQUINE RECURRENT UVEITIS (ERU), OR MOON BLINDNESS

Dr. Joseph Larkin, University of Florida



ENVIRONMENTAL ORIGINS OF EQUINE ANTIMICROBIAL RESISTANCE

*Dr. Brandy Burgess, Dr. Erin Beasley, and Dr. Emily Herring,
University of Georgia*



UNDERSTANDING AND PREVENTING SUPPORTING LIMB LAMINITIS

Dr. Andrew Van Eps, University of Pennsylvania

Grayson Webinars

VET CHATS

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



The Elaine and Bertram Klein
Development Award Winner-
Aileen Rowland,
Texas A & M University

Thursday

May 6, 2021

2 PM (EST)

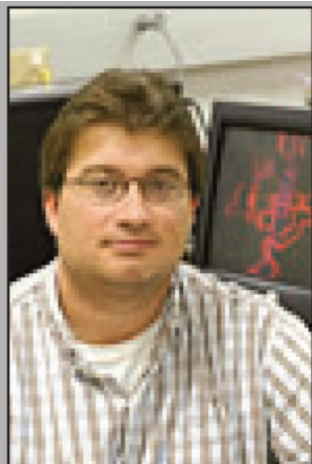
Treating *Rhodococcus equi* by Inhalation Therapy



Dr. Noah D. Cohen
Texas A&M University



Dr. Jeroen Pollet
Baylor College of Medicine



Equine Herpes Virus

With Dr. Arthur Frampton
*University of North Carolina
Wilmington*

Wednesday

January 13, 2021

11 AM (EST)

BLOODHORSE HEALTH ZONE



RESEARCH UPDATE:
NOCARDIOFORM PLACENTITIS
BY DR. BARRY A. BALL

UK GLUCK CENTER AND INDUSTRY
LEADERS RESPONDING TO AN UPTICK
OF FOAL DIARRHEA CASES
By HOLLY WIEMERS



A. Gary Lavin Chair

The “A. Gary Lavin Chair”

Grayson-Jockey Club Research Foundation announced the creation of an endowment to support a full-time position, the “A. Gary Lavin Chair,” in recognition of Dr. Gary Lavin’s contributions to the foundation and equine health. Lavin died at age 83 in February.



“Dr. Lavin made innumerable contributions to Grayson over the last 40 years, including time spent as a valued member of both our board of directors and research advisory committee (RAC),” said Dell Hancock, chair of Grayson. “He was instrumental in the reorganization of our research approval process, which resulted in the development of the research advisory committee we use today. Dr. Lavin believed that the veterinary community should be involved in Grayson’s work, and we are proud to honor him with this position, which will facilitate a veterinary relationship with the foundation that he believed was so important.”

Oaklawn Park will be supporting this new role with a lead gift of \$250,000.

“We are grateful to Oaklawn and the Cella family for their demonstrated commitment to equine health in helping to fund this position,” Hancock said.

“For three generations, the Cella-Lavin families have been working together in the best interest of the Thoroughbred,” said Louis Cella, president of Oaklawn. “We all have such great memories of Doc. It is a great honor to kick off this campaign to create the A. Gary Lavin Chair.”



Responsibilities of the A. Gary Lavin Chair will include RAC member recruitment, orientation, and management; management of grant applications, reviews, deadlines, and conflict eliminations; fundraising; and publicity.

“My father was a lifelong advocate of equine health and longtime supporter of Grayson, and my family is proud to see his legacy continue through this new position,” said Kevin Lavin, vice chairman of Grayson. “We are appreciative of the support that it has already received and thankful to the Cella family for their initiative in the fundraising effort.”

Those who are interested in supporting the endowment can designate donations to Grayson as being specifically for the A. Gary Lavin Chair position.

[Click here to see the press release](#)

What Others Are Saying About Us



The Lifesaving Work of the Grayson-Jockey Club Foundation
THE POST TIMES



The Grayson-Jockey Club Research Foundation:
Benefiting the Health of ALL Horses
THE PLAID HORSE



Standing Equine PET Scanner Now in Use at Golden Gate,
BLOOD HORSE



PET Scan Research On Racehorses Translates
To Clinical Breakthroughs For Sport, Pleasure Horses,
THE PAULICK REPORT

Click each link to review online article

Tribute Program

This program Continues to grow and 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



Bernardini

Lisa Bailo

*Donated by:
Lisa Bailo*



Lord Nelson

*Donated by:
Annie Johnson*

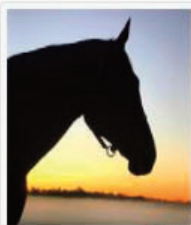


Zoey

Susie Drake

*Donated by:
Betsy Bayha*

Insurance companies, Like Sterling Thompson Equine are making memorial contributions in the name of their client's horse.

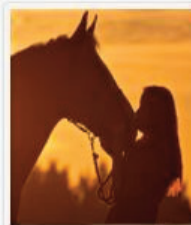


Donated by


Krunch

**Dr. Roger D. Spiess
& Randy Klopp**

*Donated by:
Sterling Thompson
Equine*

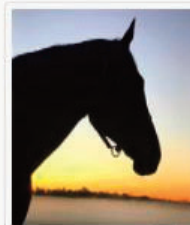


Donated by


Quest for Glory

Maureen Burger

*Donated by:
Sterling Thompson
Equine*

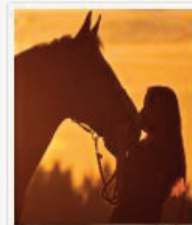


Donated by


Pearl Tiara

Deerfield Farm

*Donated by:
Sterling Thompson
Equine*



Donated by


Ricky LBM

Ryan Todd

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Sterling Thompson
Equine*

Rider Ambassador Program

GJCRF Rider Ambassadors



Alex Matz



Lauren Kieffer



Tom Morley



Victoria Colvin



Ferrin Peterson



Daniela Moguel



Mike Smith



Margie Goldstein Engle



Bri Mott



Lynn Symansky



Maggie Wolfendale



Sophie Doyle



Beezie Madden

Stewardship Mailings



SHARE THE WINS!



Grayson-Jockey Club
Research Foundation



WE NEED



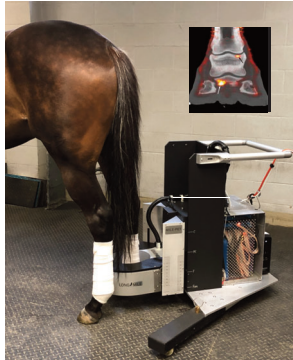
YOU NOW!



Turning Research ...



Into Answers!



In 2016, the Grayson-Jockey Club Research Foundation funded the first research utilizing positron emission tomography (PET) scans in horses. A 2019 Grayson follow-up PET project designed a new break-away ring, which did not require anesthesia. This new treatment now assists vets coast to coast and is installed at the equine hospital at Santa Anita, the University of Pennsylvania's New Bolton Center, and University of California-Davis.

Just one way Grayson is helping turn research into answers!



Grayson-Jockey Club Research Foundation



Make us part
of your
breeding
team.



Grayson-Jockey Club
Research Foundation



Giving Thanks!

Sponsorships



Land Rover Kentucky Three Day Event

April 21-23 • Kentucky Horse Park • Lexington, KY



Palomino World Show

July 6-17 • Illinois State Fairgrounds • Springfield, IL



Lexington Junior League Charity Horse Show

July 12-17 • Kentucky Horse Park • Lexington, KY



United States Pony Club Festival

July 19-26 • Kentucky Horse Park • Lexington, KY



Rood and Riddle Hats Off Day

July 31 • Rolex Arena, Kentucky Horse Park • Lexington, KY



U.S Dressage Festival of Champions

August 24-29 • Lamplight Equestrian Center • Wayne, IL



USEF Pony Finals

August 9-15 • Kentucky Horse Park • Lexington, KY



USEA American Eventing Championships

August 30 - September 5 • Kentucky Horse Park • Lexington, KY



All American Quarter Horse Congress

September 28 - October 24 • Ohio Expo Center • Columbus, OH



T.I.P Championship Horse Show

October 8-10 • Stable View • Aiken, SC



Retired Racehorse Project

October 11-17 • Kentucky Horse Park • Lexington, KY



National Horse Show

October 27 - November 7 • Alltech Arena, Kentucky Horse Park • Lexington, KY



USDF Dressage Finals

November 11-14 • Kentucky Horse Park • Lexington, KY

Events and Contest



Grayson-Jockey Club Research Foundation

Published by Holly White - Baumhover · March 17 ·

Get your votes in!

Voting for the top entry in our 2021 Photo contest is open to the public and all voting shall close at midnight on March 31st. Please like and or comment on the photo you like best!

The first place winner will be announced on April 1st!



Grayson-Jockey Club Research Foundation added 6 new photos to the album: 2021 Photo Contest Finalists.

Published by Holly White - Baumhover · March 2 ·

Voting for the top entry in our 2021 Photo contest is now open to the public and all voting shall close at midnight on March 31st. Please like and or comment ... See more



The annual photo contest was held via facebook.

Voting was open to public and some wonderful photos were shared.

[Click here to see the press release](#)

Elizabeth Locke Jewelry hosted two trunk shows in 2021 benefiting the foundation, a public show at Keeneland and a private show at the home of one of the Grayson Board Member.

ELIZABETH LOCKE
JEWELS

HORSES BENEFIT FROM EVERY PURCHASE

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

KEENELAND LIBRARY
4201 Versailles Road • Lexington, Kentucky
Thursday, September 16 & Friday, September 17
10:30 a.m. - 5:30 p.m.

Events and Contest

Handicapping Line-Up

Rachel McLaughlin @ChixWithPicks
 Bri Mott
 Gabe Prewitt #SendItInArmy
 Ellis Starr @UberCapper

Dan Tordjman @DanTordjman
 Nick Luck @NickLuck
 Bill Downes
 Nancy Holthus #BillAndNancyGGC

Grayson-Jockey Club Research Foundation
 INDIANA GRAND RACE COURSE

Must be 18 or older to wager on horse racing at racetracks and 21 or older to gamble at sportsbooks and casinos. Know When To Stop Before You Start. If Gambling Problem? Call 1-800-9-WITH-IT (1-800-934-8443). © 2021 Caesars License Company, LLC.

Indiana Grand hosted the second annual Grayson Grass Challenge handicapping event with donating over \$5,000 in this event.

[Click here to see the press release](#)

Likewise First Bet repeated their Charity Handicapping Challenge generating a \$4,000 donation to the foundation as well as raising awareness of Grayson's mission.

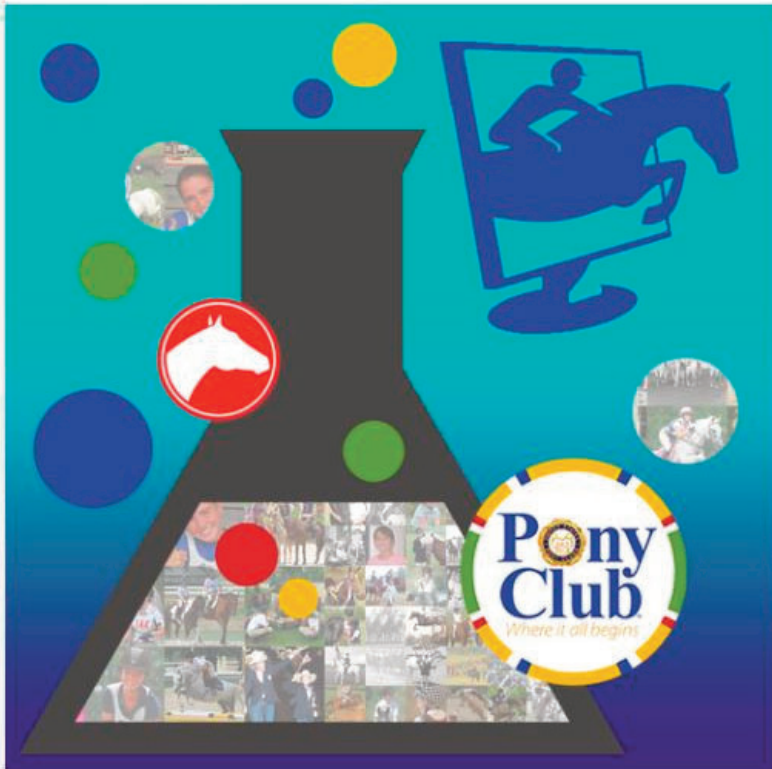
1/ST CHARITY HANDICAPPING CHALLENGE

<p>Grayson-Jockey Club Research Foundation</p> <p>1/ST BET</p>	1 DINERMAN & NICOLETTE
	2 CADMAN & NEWBY
	3 DESANTIS & LEIFER
	4 FRAVEL & QUIGLEY
	5 BUTLER & YU
	6 TUKKER & COLVIN
	7 DUGGAN & VARGAS
	8 BADGETT & ROGERS
	9 AIELLO & WILSON
	10 HINES & MAILLOUX
	11 ROTONDO & MIRAHMADI
	12 RODMAN & LURIE

Social Media Postings and Support

Grayson-Jockey Club Research Foundation
 Published by Holly White - Baumhover · January 8 ·

Grayson is sponsoring The Research Project Fair held in conjunction with the 2021 [The United States Pony Clubs Inc., \(USPC\) Official Page Virtual Equine Symposium](#). Do you know a pony club member that would like to enter a project? The entry deadline is approaching quickly! Projects are Due January 15! The Research Project Fair is open to Pony Club members of all ages and certification levels. Four exciting categories allow all members to share and expand their equine knowledge... See more



Grayson-Jockey Club Retweeted
Turf History Times @TurfHistoryTime · Dec 3
 Thank you @Grayson_JC ! I won the prize giveaway for #GivingTuesday donors and look at all this loot, I'm set! Remember them with your year-end giving and support critical research benefiting equines—I made my gift in memory of #LordNelson 🐾



Grayson-Jockey Club Research Foundation
 Published by Holly White - Baumhover · November 6 at 11:27 PM ·

Barn night was back tonight!
 We ❤️ supporting the [National Horse Show](#) and this is a great event to reach our local community of equestrians.



National Horse Show
 November 6 at 11:09 PM ·
 Barn night is back ❤️ We loved seeing some enthusiastic faces from local barns turn out to watch the \$213,300 [LONGINES FEI Jumping World Cup™ Lexington CSI4*-W](#) in... See more

Follow us...

- Facebook
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- YouTube
- Instagram

Social Media Postings and Support



Grayson-Jockey Club Research Foundation with Premier Sires. ...

Published by Holly White - Baumhover · Paid Partnership ·

#tbt - Grayson-Jockey Club Research Foundation supports horse health through equine research for horses of all breeds and disciplines.

Last week, we sponsored the Premier Sires horse show where AQHA Quarter horses, APHA Paint horses, PHBA Palominos, ApHC Appaloosas, and POA Ponies of Americas competed for prize money in many disciplines. Classes included jumping, trail, western pleasure, and halter just to name a few.

Grayson sponsored the GJCRF Challenge which was a hunter classic with two jump rounds, with a combined score determining the winner. Find out more about The Premier Sires Program here:

<https://premiersires.com/>



Amy Hanssen Training Center

June 6 ·



Grayson-Jockey Club Research Foundation

Published by Holly White - Baumhover · June 11 ·

#feelgoodfriday -Dr. Spriet tweeted that 11 horses and 34 fetlocks (ankles) were scanned during one single day, June 9, at Golden Gate.

Read more below on how research is making strides to improve horse health and saving lives with the Standing Equine PET Scanner!

#itallstartedwithresearch #horsehealth #saveslives



BLOODHORSE.COM

Standing Equine PET Scanner Now in Use at Golden Gate
A University of California, Davis standing equine positron emission ...



Bri Mott
October 25 at 10:56 AM
Had a blast this weekend with my man Mac Jagger at our first Novice event at Hagyard MidSouth Three ...
See more
76
7 Comments 235 Views

Like Comment Share

Up Next

We currently don't have any more videos for you

Comments

See All

Social Media Postings and Support



Grayson-Jockey Club Research Foundation

Published by Holly White - Baumhover · February 3

#wellnesswednesday - Check out TheHorse.com and this great guide on the different methods of equine diagnostic imaging, including the Grayson funded Positron Emission Tomography (PET) scan at UC Davis School of Veterinary Medicine.

Read more on this partnership and research on PET here: <https://www.vetmed.ucdavis.edu/.../diagnostic-imaging.../pet>



THEHORSE.COM

A Guide to Equine Diagnostic Imaging – The Horse

Diagnostic imaging technology has improved tremendously in the ...



The Plaidcast

October 20 at 5:15 PM

Coming up next on The Plaidcast, Piper and co-host Cira Pace Malta are joined by 2019 USEF Equestrian of the Year, Nick Haness of Hunterbrook Farms LLC to discuss how to excel in the hunter ring, what to look for when buying an investment horse and the changes that are happening in our sport. Brought to you by Taylor, Harris Insurance Services, Excel Supplements, Legends Horse Feed, Vitalize - Amaferm Equine, Grayson-Jockey Club Research Foundation and The Plaid Horse. Listen... See more



**WITH PIPER KLEMM
EP. 251**

“ I prefer a horse that has a big stride and a lot of scope, so movement isn't my first particularly important factor. I also believe horses can learn to be better movers [...] It's about that nice, uphill balance, that big-strided canter, that loftiness in the jump and of course braveness for the bigger competitions like Derby Finals and indoors. Every really, really good horse has quirks in them, and that's ok as well.

-NICK HANESS

2019 USEF EQUESTRIAN OF THE YEAR

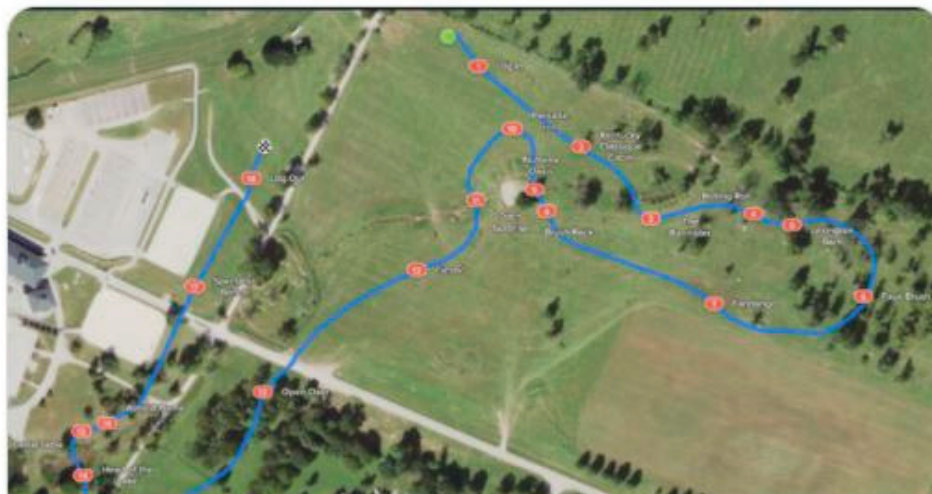


Grayson-Jockey Club Retweeted



U.S. Eventing @USEventing · Aug 30

Want a sneak peek of the #AEC2021 cross-country courses? ** You are in luck as we have pictures of all 194 jumps on Derek di Grazia's seven courses thanks to our partnership with the @CrossCountryapp



useventing.com

Preview the 2021 AEC Cross-Country Courses

Preview the 2021 AEC Cross-Country Courses

Social Media Postings and Support

Grayson-Jockey Club Research Foundation
Published by Holly White - Baumhover · August 20 ·

Grayson Ambassador Ferrin Peterson at [Saratoga Race Track](#)

Healthy, happy horses doing what they ❤️

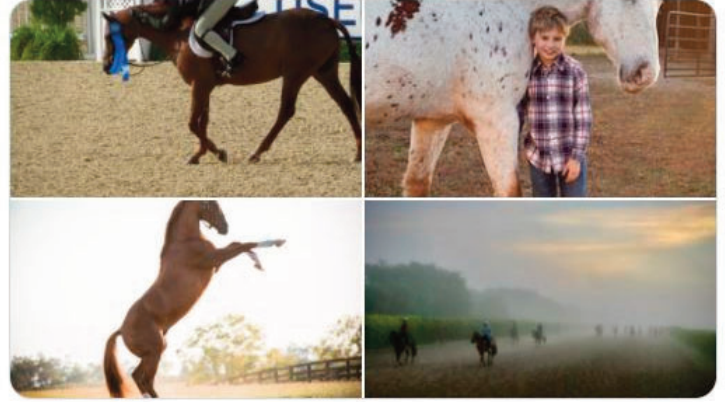
Support the health of the horse through equine research by donating today!

@ ... See more



Grayson-Jockey Club @Grayson_JC · Nov 8
#mondaythoughts #Mondayvibes #MondayMotivation

Horses of all breeds, disciplines, shapes and sizes. Thank you.



Grayson-Jockey Club @Grayson_JC · May 24
Horses strive to be our champions, we must always be theirs.

We are a non-profit charitable organization that any horse lover can join.
grayson-jockeyclub.org/default.asp?se...



Grayson-Jockey Club @Grayson_JC · Jun 9
A BIG THANK YOU 🙌❤️ to the 🐾 Secretariat 🐾 fans out there that have visited [@claibornefarm](#) and left these amazing tributes that will go to assisting in funding laminitis research.

We are a non-profit charitable organization that any horse lover can join.
grayson-jockeyclub.org/default.asp?se...



Grayson-Jockey Club Research Foundation
Published by Holly White - Baumhover · April 25 ·

Grayson Ambassador [Lauren Kieffer Eventing](#) has two horses moving on to the showjumping today! Watch her rides live here:
<https://broadcast.usef.org/coverage/2021lrk3de/>



Print and Online Ads



GRAYSON-JOCKEY CLUB
RESEARCH FOUNDATION

Equine recurrent uveitis (ERU), or moon blindness, has no cure and currently affects 10-25% of the horse population. A new treatment is being developed thanks to University of Florida.



GRAYSON-JOCKEY CLUB
RESEARCH FOUNDATION

No Hoof, No Horse!
University of Pennsylvania
discusses
Supporting Limb Laminitis.



Support Equine Research!

Dr. Chris Whitton,
from University of Melbourne
is one of many funded by



GRAYSON-JOCKEY CLUB
RESEARCH FOUNDATION

[click to make your contribution](#)



Print and Online Ads



GRAYSON-JOCKEY CLUB
RESEARCH FOUNDATION

Antimicrobial-resistant infections
compromise equine health.
Learn what veterinarians
are doing to curb it,
and what can you do to help?



WE NEED YOU!



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We Need

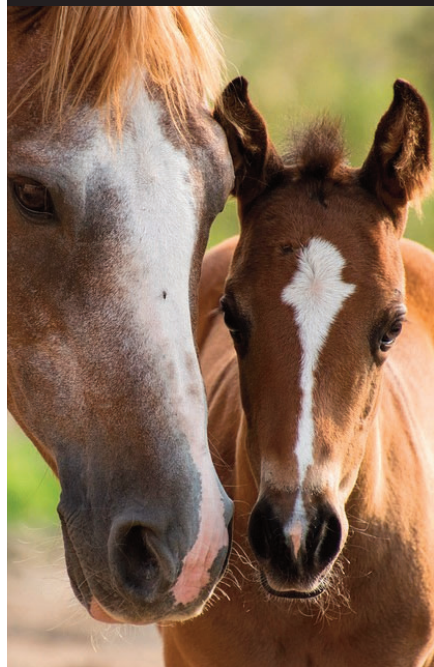


You Now!




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**Text to Give
Horsehealth
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**Helping all horses
reach their full stride...
...by funding the
best equine research!**



**GRAYSON-JOCKEY CLUB
RESEARCH FOUNDATION**



**ELIZABETH LOCKE
JEWELRY SHOW**

KEENELAND LIBRARY

4201 Versailles Road
Lexington, KY

Thursday, September 16
&
Friday, September 17
10:30 a.m. - 5:30 p.m.



*A portion of all sales
will be donated to equine research
funded by*

**GRAYSON-JOCKEY CLUB
RESEARCH FOUNDATION**

If you cannot make the sale contact

Elizabeth Locke Jewels
elockej@gmail.com • 540-837-2215
to support equine research
through your purchase
or

contactus@grayson-jockeyclub.org • 859-224-2850

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USA**



**Vista
FOUNDATION**



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*Help all horses reach their full stride...
by funding the best equine research!*

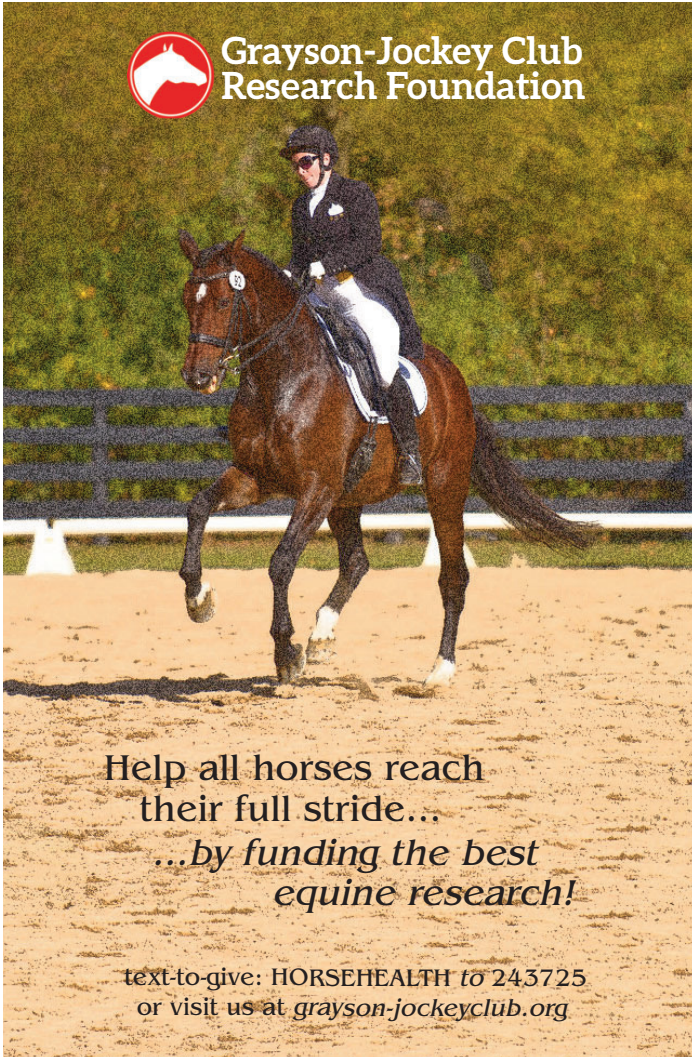



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Print and Online Ads



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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 2020!

California Racing Fairs • Del Mar Thoroughbred Club • Delaware Park
Gulfstream Park • Keeneland • Los Alamitos Race Course
Oaklawn Racing Casino Resort • Prairie Meadows
Remington Park • Santa Anita Park • Zia Park



**GRAYSON-JOCKEY CLUB
RESEARCH FOUNDATION**





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