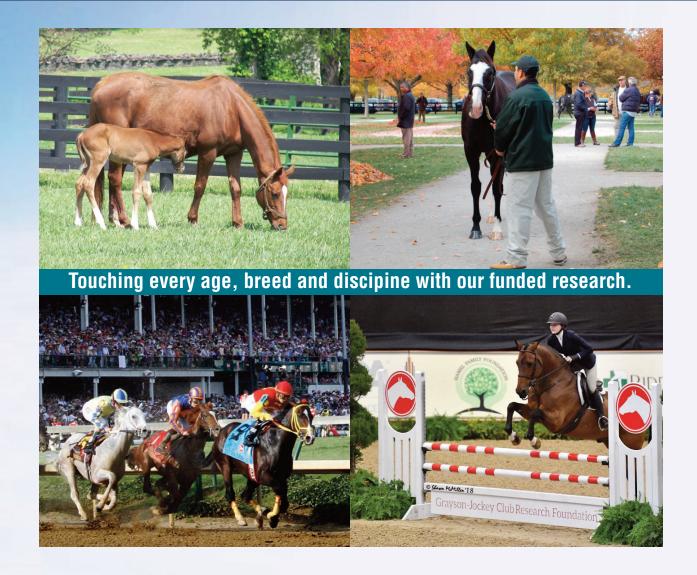
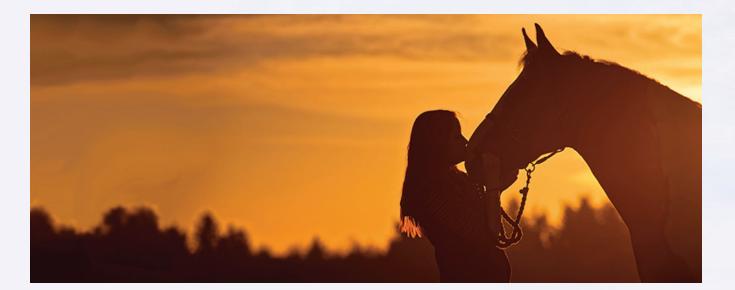


Building Awareness in 2019



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

Research Spotlight Equine Research News Videos Blood Horse Health Zone Articles Press Releases Other Publications Grayson Grazette, the Junior Newsletter Tribute Program Annual Report & Brochures Social Media Event Participation Rider Program Sponsorships Ads



In 2019 Grayson introduced "Research Spotlight," a publication to raise awareness of the impact of Grayson funded research, as well as updates on Grayson events and news.



MORE THAN \$1 MILLION IN FUNDING APPROVED FOR EQUINE RESEARCH IN 2019

sard of directors of Grayson-Jockey Club Research Foundation announced today that it has authorized expenditure of more than 81 million to fund veterinary research to benefit res. The 2019 allouent of 81,338,858 will find eight mee projects at seven universities, ontimuing projects, and three career development awards.

"We thank our generous donors who recognize the value of veterinary research for enhancing equine health and mellness," said Jamie Haydon, president of the foundati "From studying a raceborse's stride to predict injury to testing an intrauterine ation antibiotic treatment, we are excited to see the results of these studies and bow they may belp borses of all breeds in the future."

The 2019 slate of research brings Grayson-Jockey Club Research Foundation's totals since 1983 to more than \$27.5 million to underwrite 366 projects at 44 universities.

JOHN C. OXLEY TO RECEIVE THE DINNY PHIPPS AWARD

The Grayson-Jockey Club Research Foundation announced today that John C. "Jack" Oxdey, a longtime Thoroughbred owner and supporter of Grayson, still be presented with the Dimy Phips Navard at a celebration of The Jockey Glub's 125th anniversary in New York City on Thursday, June 6.

Earle Mack, an active participant in Thoroughbred racing and breeding for more than five decades, created the award in 2017 in memory of Phipps to honor an individual or individuals who have demonstrated dedication to equine health. Previous winners of the Dinny Phipps Award are the Phipps family and Frank Stronach.

"Jack's dedication to equine health and wellness epitomizes the spirit of the Dinny Phipps Award, and I am pleased to bestow this honor on such a deserving individual," said Mack.

"We are incredibly grateful for Jack's support of Grayson and equine research," said Dell Hancock, chairman of Grayson. "From his generous pledges to his participation on our board of directors, he is an inspiration to all of us who are committed to horses."



366 Projects

44 Universities

\$27.5 Million

Since 1983

2019 projects listed on next bas

Spring Edition Click for this issue

- Announcement of Grant Projects Funding for 2019
 - New Projects for 2019
 - Second Year Projects for 2019
 - Career Development Award Winners
- The Dinny Phipps Award Winner
- Proven Results With Bal a Bali Overcoming Laminitis

Fall Edition Click for this issue

- Results of Two Studies on Exercise Induced Pulmonary Hemorrhage Treatments
 - A Western Pleasure Horse Comes Back to Compete as a Result of Advances Made Through Research
 - A Clinician's Success Story



EXERCISE INDUCED PULMONARY HEMORRHAGE By Dr. Larry Bramlage - Summary results of a pair of research projects

reg Bernhage- Sammay results of a pair of research projecti and projects on Exercise Induced Pullmonary Homorrhage (EIPH) solicited by The Grayson-Jockey Club Research Foundation Cooperation with The Jockey Club, the AAF Foundation, Execution Code Three Bacing Association, The Stomach O Downs, Kornachy Downs, New York Racing Association, The Dd Mar Thoroughlend Club, Oaklown Park, and The Thoroughle M Sascialion Inner wappared In per-per-intered Journals.

Knych H K, Wilson WD, Vale A, et al. Effectiveness of furosemide in attenuating exercise-induced pulmonary hemorrhage in horses when administered 4- and 24-hours prior to high speed training. Equine Vet J. 2017;50:350-355. Buyly W, Lopez C, Sides R, et al. Effect of different protocols on mitigation of exercise induced pulmonary hemorrhage in horses when ad-ministered 24 hours before stremous exercise. J Vet Intern Med. 2019;1–8. https://doi.org/10.1111/jvim.15574

In March of 2015, a special call for research on exercise induced pulmonary hemorrhage was issued by the Grsyon-Jocky (tub Research Foundation. Emphasis was placed on strategies to control EIPH without rac-day medication. Two projects were selected. The premise of the research was to look at the post-treatment effect of furusemide (Salix, or Lasix) if it had been given 24 hours before exercise with water intake limited to maintenance water levels (which are known). are known).

One project submitted by the University of California at Davis One project submitted by the University of Lalibrana at Luws; under the direction O Dr. Heather Knych proposed to take 15 für Thoroughbreds with no known history of bleeding and assess three treatments head-to-head against each other; saline placebo, furosemide four hours before exercise, and furosemide 24 hours before exercise with limited water access. The horses were praired in five-furious gimilated exercise sessions and assessed for bleeding via endoscopic examination usine the competitional 0.4 scoring system The hores were paired in five-fufung simulated exercise sessions and assessed for bleeding via endoscopic examination using the conventional 0-4 scoring system and via bronch alveolar inage (BAL) and sposed for bleeding hore included. Construct the number of red bloom and via bronch alveolar inage (BAL) construct the number of red bloom post cercises. The hores trained post cercises. The hores trained of the sport of the sport of the sport of the sport post cercise. The hores trained of the sport post cercise. The hores trained of the sport of t



The results showed with 24-hour administration the The results showed with 24-hour administration the pharmacologic level of furosemide is approximately 1×100th the level of circulating medication when compared to four-hour pre-exercise administration. So, more than 99% of the medication has cleared by 24 hours.

In the horses with no known bleeding history, there was one bleeder. He bled with no treatment, and he bled through both treatments, though the four-hour furosemide treatment reduced his grade of bleeding. There were three endoscopic graders and blood in the trachea was seen in 11 of the 43 endoscopic exams; on four exams was the blood more than a grade 1 (trace) and three of those four observations were accounted for by the one horse that bled continuously



So the conclusion from the study was that, though blood was seen on the endoscopic exam of 11 of 43 endoscopic exams, the four-hour furosemide reduced the number of times blood was observed compared to the 24-hour treatment, and the BAL

Grayson continued to publish the online newsletter, "Equine Research News," continuing to distribute information on events, sponsorships, as well as research news.



STALLION STATISTICS SEEKING DURABILITY, SOUNDNESS		This special edition of equine research news, features the stallion durability statistics. This publication replaces the previously published RESEARCH TODAY.													
								Accompanying is the		2018	Sires by I	ifetime Starts	ner Star	tor	
								eleventh annual listing of		2010	nies by L	netime oturts		2018	
								stallions by two criteria as	Back Stalling		105	Size	Foals of PA	2018 Earnings	Starts/
developed by the Durability	1 Not For Love		1990	Mr. Prospector	224	\$1,709,910	22.37								
Committee of the Welfare	2 Rockport Harbor		2002	Unbridled's Song	496	\$1,146,627	21.94								
and Safety of the Racehorse	3 Pure Prize		1998	Storm Cat	713	\$3,809,241	21.45								
	Disco Rico		1997	Citidancer	276	\$1,095,193	21.45								
Summits underwritten by	5 Langfuhr		1992	Danzig	1391	\$2,751,487	21.24								
The Jockey Club and	6 Cowtown Cat		2004	Distorted Humor	213	\$1,874,214	21.17								
Gravson-Jockey Club	7 Northern Afleet		1993	Afleet Storm Cat	1115	\$4,146,653	20.82								
Research Foundation	Bluegrass Cat 9 Wildcat Heir		2003	Storm Cat Forest Wildcat	727	\$3,595,341 \$4,155,611	20.82								
The aim is to highlight	10 D'wildcat		1998	Forest Wildcat	485	\$1,449,041	20.29								
	11 With Distinction		2001	Storm Cat	567	\$2,233,573	20.16								
stallions which are	12 Roman Ruler		2002	Funaichi Perasus	489	\$1,813,219	20.07								
commercially viable	13 Milwaukee Brew		1997	Wild Again	590	\$1,347,468	19.98								
AND produce progeny	14 Windsor Castle		1998	Lord Carson	346	\$1,670,840	19.86								
statistics which would tend	15 Stephen Got Even		1995	A.P. Indy	882	\$2,118,409	19.74								
to indicate above average	16 Orientate		1998	Mt. Livermore	804	\$1,521,817	19.68								
	17 Where's the Ring		1999	Seeking the Gold	366	\$1,090,929	19.65								
performance in two areas	18 Limehouse 19 Weizella		2001	Grand Slam Safely's Mark	467	\$1,520,624 \$1,944,867	19.54								
average number of starts per	20 Even the Score		1998	Unbridled's Sone	450	\$1,944,857	18.97								
starter and percentage of	21 Fairbanks		2003	Giant's Causeway	235	\$1.159.477	18.89								
foals which get to the races.	22 Pollard's Vision		2001	Carson City	434	\$1,522,963	18.83								
b	23 Yes It's True		1995	Is it True	1155	\$3,825,008	18.81								
To qualify for the lists, a	24 Too Much Bling		2003	Rubiano	250	\$1,483,542	18.80								
stallion must have ranked	25 Include		1997	Broad Brush	749	\$3,470,409	18.65								
	Jump Start		1999	A.P. Indy	871	\$5,571,194	18.65								
within the first 200 sires by	27 Vronsky		1999	Danzig	229	\$1,504,280	18.64								
progeny earnings for the	28 Macho Uno 29 Imperialism		1998	Holy Bull Lanefuhr	247	\$3,806,778 \$1,115,206	18.24								
calendar year 2018. This	30 Ministers Wild Cat		2001	Deputy Minister	457	\$2,131,371	18.24								
assures a modicum of	31 Successful Appeal		1996	Valid Appeal	786	\$3,784,352	18.11								
success and relevance to the	32 Conerata		2000	A.P. Indv	\$38	\$7,931,005	18.05								
	33 Ready's Image		2005	More Than Ready	240	\$1,471,479	18.03								
commercial breeding and	34 Proud Citi	34 Proud Citizen		Gone West	803	\$3,403,086	18.02								
sales market. For purposes	35 Broken Vow		1997	Unbridled	1214	\$5,388,663	17.87								
of this presentation, we have	36 Unusual Heat		1990	Nureyev	821	\$2,401,479	17.84								
rearranged that population	37 Smarty Jones 38 Eletter		2001	Elusive Quality A.P. Indy	535	\$1,669,397	17.80								
by the two criteria stated	38 Flatter 39 Giant Girmo		2004	Giant's Causeway	177	\$10,430,004 \$1,565,152	17.46								
and for each list have	40 City Zip		1998	Carson City	1205	\$1,565,152 \$7,730,276	17.46								
	40 City Zip 41 Sonrandapraver		1995	Unbridled's Sone	2033	\$2,290,765	17.33								
included the top one-half	42 Harlan's Holday		1922	Harlan	2063	\$5,570,265	17.09								
(100 stallions) of the	43 Old Forester		2001	Fonestry	428	\$2,482,971	17.05								
original population of	44 Freud		1995	Storm Cat	855	\$5,545,390	16.93								
200 by earnings.	45 Fusaichi P		1997	Mr. Prospector	1197	\$1.418.996	16.82								

Issue 1 Click for this issue

The 11th Annual Stallion Durability and Soundness Statistics -

- 2018 Sires by Lifetime Starts per Starter
- 2018 Sires by Lifetime % of Foals of Racing Age Started
- Top 2018 Sires of Stakes Winners 4 Years Old & Up

Issue 2 Click for this issue

- Dr. Doug Antczak Interview by Edward Bowen
- Announcement of the Golden Horse Challenge
- Pony Club Science Fair Sponsored by Grayson



Dr. Doug Antezal Pony Club Science Fai

en I was studying for my PhD at Camb iversity. At that time Wendy was a docto







icus of this edition of Equine Research News shifts from funded research to ng events and sponsorships that are helping to raise funds and expand awarene

BUILDING AWARENESS AND CONNECTING WITH HORSE ENTHUSIASTS

es Pony Club started in 1954 Pony Club





Issue 3 Click for this issue

Highlighting events and sponsorships-New announcements included:

- 2019 Kentucky Land Rover Three Day Event
- Corporate Sponsors of Grayson
- Professionals' Circle Program and Rider Ambassador Program
- Stonestreet Giving Challenge
- List of 2019 Sponsorships

These recently produced videos help explain our mission.



Dr. Laurie Goodrich, Colorado State University The CSU team is working to improve the life of both human and horse patients

For viewing this video, Click here



Consultant, Dr. Johnny Mac Smith and Board Member Charlsie Cantey Discuss the Evolution of a Grant

For viewing this video, Click here



Dr. Heidi Reesink, Cornell University Importance of Research

For viewing this video, Click here



Dell Hancock, Chairman How GJCRF Helps Horses courtesy of America's Best Racing

For viewing this video, Click here



Career Development Awards with Dr. Johnny Mac Smith and Charlsie Cantey

For viewing this video, Click here



Dr. Stuart Brown, Hagyard Equine Medical Institute Helping Horses Of All Breeds Led Healthier Lives

For viewing this video, Click here



GJCRF Chairman, Dell Hancock, On Taking Care of the Horse

For viewing this video, Click here

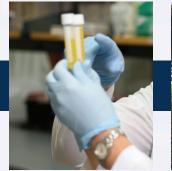
BLOODHORSE HEALTH ZONE

Each article can be accessed by clicking on the title

- Virus Abortion Vaccine Developed by Grayson Research Funding
- EIPH Research Q & A with Dr. Bramlage*
- Exercise Induced Pulmonary Hemorrhage Study Results
- Gastric Ulcers
- 2019 Career Development Awards
- Insulin Resistance
- Breathing Easy
- Endocrine Dysregulation in Critically III Foals
- Dr. Margo MacPherson on Placentitis
- Colic Research Update
- Dr. Susan Stover Q & A











2019 Press Releases



View the entire press release by clicking on the title

- Fall Racing Preview Presented by Hagyard Equine Medical Institute
- Kentucky Downs Research Day Sponsorships Sold Out
- Industry Groups Issue Call for Bisphosphonate Research Proposals
- Stonestreet Farm Giving Challenge in Honor of Rachel Alexandra
- Keeneland, Churchill Downs Inc. Commit \$100,000 each to GJCRF
- Professionals' Circle and Rider Ambassador Programs
- Oaklawn Park Commits \$100,000 to GJCRF
- More than \$1 Million in Funding Approved for Equine Research
- John C. Oxley to Receive Dinny Phipps Award
- GJCRF kicks off Golden Horse Challenge Sweepstakes

What Others Are Saying About Us







GRAYSON-JOCKEY CLUB RESEARCH FOUNDATION HELPING HORSES OF ALL BREEDS

U.S. RACING CAN SIGNIFICANTLY REDUCE HORSE FATALITIES...

EIPH RESEARCH UNVEILS POSSIBLE 24-HOUR FUROSEMIDE DOSE



THREE WAYS GRAYSON-JOCKEY CLUB HELPS HORSES



A CLOSER LOOK AT GRAYSON-JOCKEY CLUB RESEARCH FOUNDATION



GRAYSON-JOCKEY CLUB RESEARCH FOUNDATION SIGNS ON AS 2019 USEA AEC SPONSOR





PET AND MRI: A BRAVE NEW DIAGNOSTIC WORLD

THE GOLDEN HORSE CHALLENGE





EQUINE MEDICAL RESEARCH FUNDING RECEIVES USEA BOARD OF GOVERNORS APPROVAL

STANDING OVATION: NEW SCANNER AT UC DAVIS DESIGNED FOR RACEHORSES



The Junior Membership Program



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

In 2019 the newsletter went to a semi-annual publication in the spring and fall. Previous volumes are also available online in our media center- <u>Click Here</u>



Spring Edition Click for this issue

- Vaccinations
- Biosecurity
- Craft Corner
- Treat Time

Fall Edition Click for this issue

Rainy Day Activities
Parts of a Horse
Measuring Your Horse
Make a Bookmark
Recipe for Fall



Tribute Program

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

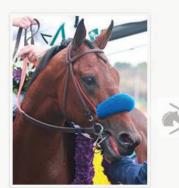


Wilma Dr. Mark Phillips Donated by: Kim & Laura Little



Rachel Alexandra

Donated by: Stonestreet



Battle of Midway

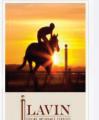
Donated by: Pavla Nygaard

Above shows a sample of listings on our Tribute page of some Contributors.

Clicking on a photo displays an optional "story" page of what the donor would like shareabout that horse.

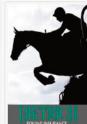
To the right is an example of "Wilma".

Below are examples of companies making a gift in memory of a client's horse.



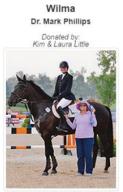
Will Call Richard Klein

Donated by: Lavin Insurance



Essential Sandra Brooks

Donated by: Dietrich & Co Equine Insurance



Wilma was the most special kind of horse. She loved nothing more than jumping and showing except for bananas, her favorite treat.From her looks to her personality, Wilma was of the extraordinary sort and seemed to have a higher level of understanding I am convinced she knew how to count her flakes of hay and would not rest until she was given the full amount she was owed. She only wanted to please the people around her and never disappointed me in the show ring or at home. Together we learned how to jump the biggest tracks of our careers, and she always kept her composure.I never did manage to find the top of her scope as her athleticism was not to be overshadowed by her personality. Wilma was a truly exceptional horse, my best friend, and simply gone too soon.

Annual Report and Corporate Brochure



The 2018 Annual Report

Details of Activities *click here*

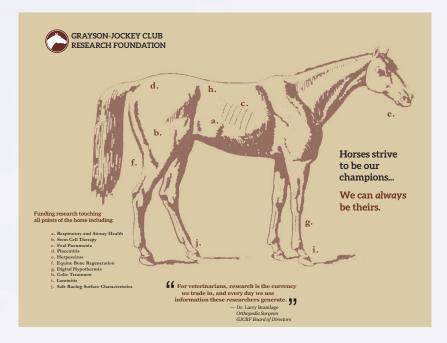
Financials click here

Grayson-Jockey Club Research Foundation ... funding research to build better equine health since 1940

> 2018 Annual Report

2019 Brochure

To view an online version of our printed brochure <u>click here</u>

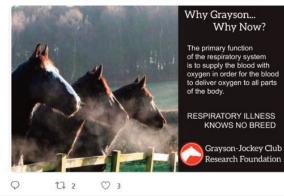


Spreading Our Mission Through Social Media



Grayson-Jockey Club @Grayson_JC · Oct 24

It's Respiratory Health Awareness Week, check out the research Grayson has funded in this horse health area here: grayson-jockeyclub.org/default.asp?se... Research has the potential to protect the largest number of horses today, tomorrow, and into the future. grayson-jockeyclub.org/default.asp?se...





Follow us on Twitter and Instagram





Dr. Larry Bramlage Equine Surgeon For viewing this video, Click here

Watch us on You Tube



Protecting horses today, tomorrow and into the future.

Look for us on Google

Like us on Facebook

...



Grayson-Jockey Club Research Foundation Published by Holly White - Baumhover [?] - November 5 at 9:42 AM - 🚱

Check out America's Best Racing favorite charities to support this Giving Tuesday and throughout the Holiday Season.

Consider supporting Grayson as we protect the health and soundness of ALL breeds of horses today, tomorrow and into the future!

Donate TODAY! https://www.grayson-jockeyclub.org/default.asp...



AMERICASBESTRACING.NET Horse Racing Charities to Support on Giving Tuesday

Grayson held several events and challenges in 2019 including



Haskell Watch Party with Rachel Alexandra July 20, 2019















GJCRF was the charity for the Claiborne Farm, Runhappy 5K event in 2019. Along with the proceeds raised from the walk, an online ebay auction was held.



Grayson-Jockey Club Research Foundation GOLDEN HORSE CHALLENGE



Elizabeth Locke Jewelry Show

KEENELAND LIBRARY 4201 Versailles Road • Lexington, KY

Thursday, September 12 • 11a.m. - 5:30 p.m. Friday, September 13 • 10 a.m. - 5:30 p.m.

> GRAYSON-JOCKEY CLUB RESEARCH FOUNDATION



The Rider Ambassador Program was introduced in 2019.





Grayson Jockey Club Research Foundation Rider Ambassadors Autograph sessions: Beezie Madden @ 4:30

Margie Goldstein Engle @ 6:30





In One Rider's Words Why They Support GJCRF click here



Raising Awareness



PRESENTED BY MARS EQUESTRIAN





Grayson was proud to be a sponsor of the 2019 Kentucky Land Rover Three Day Event. This year Grayson provided the Logo T-shirts for over 3,000 volunteers who truly make this annual event successful. The event was telecast on NBC.

The week of the event, top international eventing riders Tim Price from New Zealand, Hawley Bennett-Awad from Canada, and Hannah Sue Burnett of the United States made a special visit to the Kentucky Children's Hospital with T-shirts.









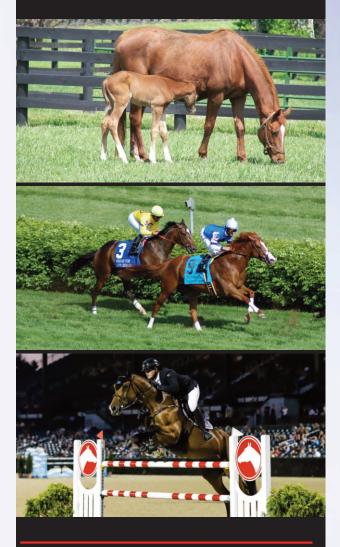




Click here for the complete list of events

Highlights of some of our ads and social media

Touching every age, breed and discipline with our funded research.



Join us in supporting horse health.



GRAYSON - JOCKEY CLUB RESEARCH FOUNDATION

grayson-jockeyclub.org • contactus@grayson-jockeyclub.org

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

> GRAYSON-JOCKEY CLUB RESEARCH FOUNDATION

> > Don't Miss Out-Join Our Junior Membership Program Today!

GRAYSON-JOCKEY CLUB RESEARCH FOUNDATION grayson-jockeyclub.org



Dr. Johnny Mac Smith and Charlsie Cantey

"The Evolution of a Grant" click to view video



Grayson-Jockey Club Research Foundation grayson-jockeyclub.org Protecting athletes today, tomorrow and into the future.

We appreciate the support from the jockey community!

Please join them with your support.



GRAYSON-JOCKEY CLUB RESEARCH FOUNDATION

821 Corporate Drive, Lexington, KY 40503 • (859) 224-2850 40 East 52nd Street, New York, NY 10022 • (212) 371-5970 grayson-jockeyclub.org • contactus@grayson-jockeyclub.org

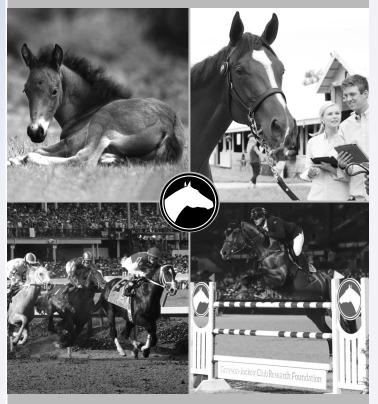
Touching every breed with our funded research.



Join us in supporting horse health. GRAYSON - JOCKEY CLUB RESEARCH FOUNDATION Touching every breed with our funded research.



Touching every age, breed & discipline with our funded research.



Join us in supporting horse health.

GRAYSON-JOCKEY CLUB RESEARCH FOUNDATION grayson-jockeyclub.org • contactus@grayson-jockeyclub.org Your Donation Will Help Protect Horses Today Tomorrow And Into The Future.



Horses strive to be our champions. We can always be theirs.

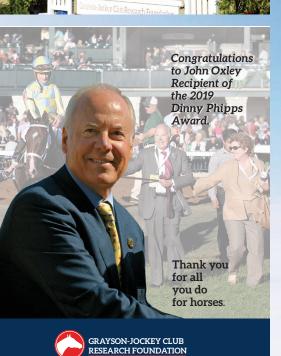


All donations support equine research, which helps all horses.



Grayson-Jockey Club Research Foundation 821 Corporate Drive - Lexington, KY 40503 (659) 224-2850 grayson-jockeyclub.org

 Furthing the health of all horses



rporate Drive, Lexington, KY 40503 • (859) 224-28 I 52nd Street, New York, NY 10022 • (212) 371-5970

Protecting horses today, tomorrow and into the future.

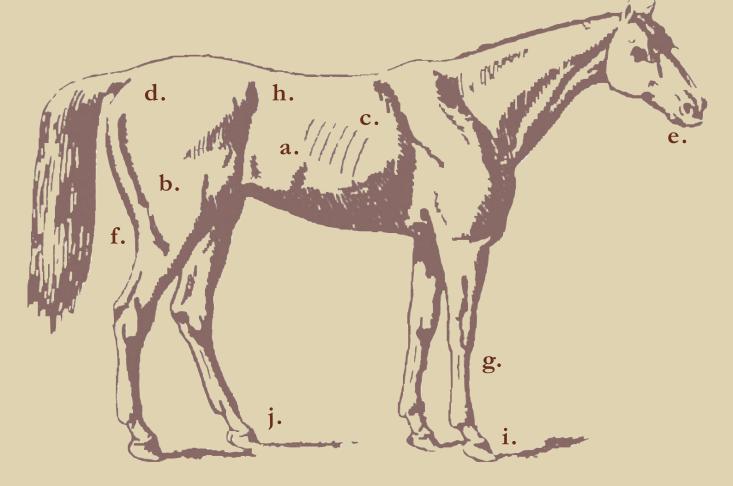




Join us in supporting horse health.



Horses strive to be our champions... We can *always* be theirs.



Funding research touching all points of the horse including:

- a. Respiratory and Airway Health
- b. Stem Cell Therapy
- c. Foal Pneumonia
- d. Placentitis
- e. Herpesvirus
- f. Equine Bone Regeneration
- g. Digital Hypothermia
- h. Colic Treatment
- i. Laminitis



GRAYSON-JOCKEY CLUB RESEARCH FOUNDATION

821 Corporate Drive, Lexington, KY 40503 • (859) 224-2850 40 East 52nd Street, New York, NY 10022 • (212) 371-5970 grayson-jockeyclub.org • contactus@grayson-jockeyclub.org Our partners understand the importance of healthy, sound horses.

THANK YOU FOR YOUR CONTINUING SUPPORT!





















WINST AR













Please join them with your support.

GREATAMERICAN

Equine Division



Research Foundation

grayson-jockeyclub.org

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

The Time Is Now.

Photo by Anne M. Eberhardt



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



