

# RUTGERS UNIVERSITY

# EQUINE SCIENCE QUARTERLY



From Our Stable To Yours  
Spring 2019

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## The Equine Science Center Raises Over \$30,000 During Rutgers Giving Day 2019

Rutgers Giving Day 2018 was a huge success last year for the Equine Science Center. Awarded \$1500 in Giving Day Challenges, and thanks to multiple donors who gave throughout the day, the Center raised over \$16,000.

This total amounted to the largest amount from any group within the Rutgers School of Environmental and Biological Sciences and New Jersey Agricultural Experiment Station.

This year for Rutgers Giving Day 2019, the Center was determined

to surpass last year's total to ensure that the Center's mission of "Better Horse Care through Research and Education" is able to continue.

The funds raised will be used for initiatives including: research, such as a study on the effects of equine assisted activities and therapies (EAAT) on the well-being of veterans with post-traumatic stress disorder (PTSD); funding student workers; Educational Resource Kits and Activities; and the Equine Science 4 Kids Program (ES4K).

# From The Clubhouse



Join us for  
Ag-Field Day at  
Rutgers Day!  
A day of fun for the  
whole family!

Dear Friends,

Thanks to all of you who joined us for Rutgers Giving Day on March 27. The Center was successful in raising over \$30,000 in a 24 hour period, as outlined in our lead story. By early afternoon we met the Challenge Match of \$10,000 offered by RUBEA member Sam Landy and UMH Properties. Thanks Sam!

Led by Kyle Hartmann, the Center was very proactive on social media. I had great fun posting old pictures and stories of my time here at Rutgers and I connected with many friends around the globe through these posts. Since I'm an early riser I posted something at 6 AM and won the "Scarlet Pride" social media challenge. Take a look the story continued on [Pages 6 - 7](#) for some of the great photos from the day.

Featured in this issue's "From the Lab" section, is a brief summary of the 2019 State of the New Jersey Horse Racing Industry white paper that I published just in time for the legislature to have in hand as it considered a \$20 million subsidy for horse racing in the state.

Horse racing interests were successful at getting this money for fiscal year 2019. Future subsidies will depend on the successful submission of an annual report from the racetracks, Sire Stakes Program, and Standardbred and Thoroughbred Breeder Awards Programs. The Equine Science Center was successful in providing the industry with a template containing 8 years of data to guide the industry as it prepares this annual report.

A huge thank you to the Rutgers University Office of Veteran and Military Programs and Services for hosting the event "Complementary Therapies for Post-Traumatic Stress Disorder & Traumatic Brain Injury" on March 29.

A screening of "The Journey Back to Normal: A Look at Complementary Therapies to Combat PTSD" by Nicole Amelio-Casper was followed by a panel discussion on how these therapies are being used, and how they affect both the humans and animals involved.

To learn more about the event, and for a picture of the phenomenal group that was assembled, go to [Page 12](#).

On February 10th we helped Dr. Williams and Rutgers Cooperative Extension host the annual Horse Management Seminar. The theme of this year's conference was "Feeding and Care of Mare/Foal, Stallion, and Growing Horse." Dr. Ed Squires, a leader in equine reproductive physiology, from the University of Kentucky gave two outstanding lectures.

I believe this was Dr. Squires' first trip to Rutgers and we certainly enjoyed our time together. To learn more about the event, and to take a look at the photo gallery, go to [Page 8](#).

The deadline for applications for the Doris C. Murphy Endowed Scholarship is quickly approaching! Female students, majoring in Animal Science with a concentration in Equine Science, who are New Jersey residents, and have a financial need are encouraged to apply.

Applications are due on May 1. More information about the scholarship, as well as a link to the application, can be found on [Page 17](#).

I look forward to seeing many of you on Ag Field Day at Rutgers Day on Saturday, April 27.

Stop by and see us at the Red Barn on College Farm Road between 10:00 AM and 4:00 PM for a tour of the lab. Treadmill Demos are at 1:00 PM or 2:00 PM (just be sure to get there early). Go to [Page 19](#) for the event flyer that you can share with friends.

See you there!  
All the Best,  
karyn

# PARTNERS



New Jersey Farm Bureau's primary purpose is to represent the overall interests and improve the financial well-being of farmers and our \$800 million industry. NJFB activities are supported through voluntary membership and annual dues. Members have access to:

- Staff assistance on farming issues and regulatory problems.
- Educational workshops on topical issues such as farm labor, wildlife damage, and zoning.
- Weekly updates on legislation news and regulations affecting all aspects of farming.

It pays to be a NJ Farm Bureau member! For a full list of membership levels and benefits, or to sign up, visit: [www.njfb.org](http://www.njfb.org).



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The New Jersey Department of Agriculture (NJDA) is an agency which oversees programs that serve virtually all New Jersey citizens. One of the Department's major priorities is to promote, protect and serve the Garden State's diverse agriculture and agribusiness industries.

In addition to the programs we offer to support production agriculture, NJDA also manages programs that feed schoolchildren, distribute surplus federal foods to soup kitchens and pantries that serve our needy citizens, conserve precious soil and water resources, protect farmland from development and preserve it for future agricultural use, expand export markets for fresh and processed agricultural products, and promote our commercial fishing industry, and administer the complete program of agriculture, food and natural resource education, which includes the State FFA Association.

For more information about NJDA, please visit: [www.nj.gov/agriculture](http://www.nj.gov/agriculture)

## UPCOMING 2019 EVENTS

### Ag Field Day Part of Rutgers Day

*Saturday, April 27, 2019*

Red Barn - Cook Farm  
Rutgers, The State  
University of New Jersey  
New Brunswick, NJ 08901

[esc@njaes.rutgers.edu](mailto:esc@njaes.rutgers.edu)

### Equine Science Center's Summer Showcase

*Wednesday, July 10, 2019*

Red Barn - Cook Farm  
Rutgers, The State  
University of New Jersey  
New Brunswick, NJ 08901

[esc@njaes.rutgers.edu](mailto:esc@njaes.rutgers.edu)

### 2019 Hambletonian Continuing Education Seminar

*Friday, August 2, 2019*

Hilton Meadowlands Hotel  
2 Meadowlands Plaza  
East Rutherford, NJ 07073

[Gordon@firstchoicemarketing.us](mailto:Gordon@firstchoicemarketing.us)

### Evening of Science & Celebration

*Thursday, November 14, 2019*

Cook Student Center  
Rutgers, The State University of NJ  
New Brunswick, NJ

[kylehart@njaes.rutgers.edu](mailto:kylehart@njaes.rutgers.edu)

For more events, visit our website @ [esc.rutgers.edu](http://esc.rutgers.edu)



Each year, a Rutgers senior majoring in Animal Science, with an equine emphasis, is awarded the Ernest Bell Memorial Scholarship by the New Jersey Department of Agriculture's Equine Advisory Board. This year, Dr. Karyn Malinowski and Dr. Kenneth McKeever had the honor of selecting Geoffrey Leonberg for this scholarship.

Unlike most horse-enthusiasts who have had some type of interaction with horses throughout their lives, Geoffrey's first interaction with horses came during his senior year of high school in Moorestown, New Jersey. After being introduced to Whiskey, his girlfriend's off-the-track Thoroughbred, Geoffrey realized how much he enjoyed working with horses.

During his first year at Rutgers, he took the "Horse Management" course being taught by Dr. Sarah Ralston. While Geoffrey never saw himself as being stuck behind a desk at a typical office job, this experience gave him hope that he would have other options.

With his love of being outside doing hands-on work, Geoffrey was able to tie his need of a non-traditional office setting with his passion for horses, and decided to major in Equine Science to make a career out of it.

After excelling in the courses that were offered, and finishing every equine course he could find at Rutgers, all while helping out at the treadmill research lab, Geoffrey wanted more. During his junior year, he became interested in equine reproduction. While there aren't any courses currently offered on this topic at Rutgers, that didn't deter Geoffrey who looked for other options that he would have as an Animal Science major.

Discovering that in 1997 a Memorandum of Understanding (MOU) was created between Rutgers University and Delaware Valley University so that students in the equine and dairy fields could further their education through courses from the partnering college, he hoped that this would be an option for him.

Inspecting the course catalogue, Delaware Valley University's course on "Mare and Foal

# STUDENT SPOTLIGHT:

ERNEST BELL MEMORIAL  
SCHOLARSHIP WINNER,  
GEOFFREY LEONBERG



Geoffrey Leonberg pictured with the foal that he helped to birth during his “Mare and Foal Management” course at Delaware Valley University. Every semester, each student is assigned a horse for the foaling season, with the end goal of having a successful pregnancy. The course emphasizes the care of newborn foals during the first few weeks of life.

Management” seemed like a perfect fit for what he was interested in, but he wasn’t sure of how to proceed with signing up for the course, and what it would entail. After months of conversations with the academic program directors from both universities, he was granted permission from the president of Delaware Valley University to honor the memorandum and further his education.

So in his junior year, Geoffrey went to what would become one of his favorite classes. Twice a week he would wake up at 6AM to drive to Delaware Valley University to attend lecture, lab, and care for his pregnant mare. Being able to track his mare’s pregnancy, ultrasound, foal out, and train a Standardbred during this course helped Geoffrey decide exactly what he wanted to do in the equine industry - become a farrier and breed Standardbred racehorses.

During the summer between his junior and senior year, Geoffrey apprenticed with an American

Farrier’s Association (AFA) Journeyman farrier in the D.C./Baltimore metro area. By day, he was pulling and finishing shoes, and by night he was working at the forge.

Wanting to provide the best horse care that he possibly could, from farriering to breeding, Geoffrey returned to Delaware Valley University (DVU) for a course on “Equine Biomechanics and Locomotion.” This would allow him to better understand equine movement, which would be of extreme value as he pursues a future career in farrier science.

When not taking courses at DVU or Rutgers, Geoffrey spends his time as a Fireman/Emergency Services Officer for Rutgers’ University Public Safety.

After graduating in May, Geoffrey plans to continue his farrier apprenticeship for six more months, and then continue his education at Cornell University’s farrier program.

# The Equine Science Center Raises Over \$30,000 During Rutgers Giving Day 2019

Continued from Pg. 1

ES4K is a community outreach program that encourages kids to get involved in science, technology, engineering, and math (STEM) fields, using horses as a model. By developing hands-on, science-based activities and demonstrations, kids are able to better understand the science behind research taking place at the center.

An added bonus this year was a “Match Challenge” provided by UMH Properties, Inc., on behalf of Sam Landy, a member of the Rutgers University Board for Equine Advancement (RUBEA).

Mr. Landy challenged donors to donate by guaranteeing a match dollar for dollar for the first \$10,000 raised. With this in mind, the Center set a goal of raising \$10,000 from donors, which would be matched for a grand total of \$20,000 for the day.

Preparation was then started by the Center’s Public Relations Specialist, Kyle Hartmann, to create a plan of how to engage the Center’s constituents, equine science alumni, and current students and student staff.

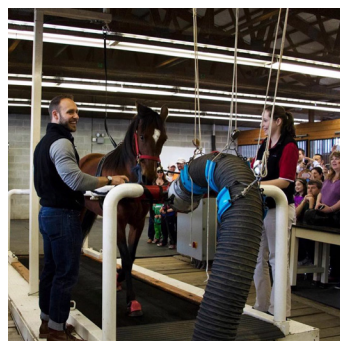
Organizing and planning the day-long event of social media challenges, Hartmann, like the year before, put together an excel spreadsheet with a timeline of when each social media post was to be posted and when each donation would make the most impact.

Starting at midnight on March 27th, student staff, alumni, RUBEA Co-Chair Dr. Amy Butewicz, and Hartmann all kicked off the event by competing for the Rutgers Giving Day “Kick-off Challenge.” This challenge would give the first 10 funds to receive a gift \$500 each.

The screenshot shows the top navigation bar of the Rutgers University Foundation website. The header includes the Rutgers University Foundation logo, a search bar, and links for Rutgers University, Foundation, Alumni, and Careers. Below the header is a dark navigation bar with menu items: WAYS TO GIVE, GIVE ONLINE, GIVING STORIES, OUR SUPPORTERS, and CONTACT. The main content area features a carousel slide with a photograph of a woman, Elena Rizzo, and a horse, both wearing red Rutgers University caps. The slide title is "Straight from the Horse's Mouth" and the text describes the community coming together on March 27th to support the Equine Science Center. A "READ MORE" button is visible at the bottom of the slide.

Elena Rizzo, Department of Animal Sciences and School of Environmental and Biological Sciences graduate from 2017, pictured with Dreamer in their winning “Scarlet Swag Challenge” submission from Rutgers Giving Day 2018. The picture accompanied the Rutgers Giving Day “success story” that was featured on the Rutgers University Foundation website as a lead up to Giving Day 2019.

# Social Media Challenges



Increasing the chances of this happening by making sure to have the most amount of people donating an amount exactly at midnight, the Center was able to win this challenge, and received an additional \$500.

Dr. Karyn Malinowski was the next to bring in extra money for the Center after she was awarded the “Scarlet Pride Challenge,” writing about her experience at Rutgers, and being a proud scarlet for 48 years, achieving all three degrees (B.S., M.S., and Ph.D.) at Rutgers.

She also spoke about having the opportunity to develop an equine science program which had previously not existed. Malinowski wrote, “I don’t ever remember being told that I could not DO something,” an experience that she fondly

remembers as a way that students were encouraged to challenge the status quo.

Throughout the day, students & staff posted social media posts on multiple platforms, talking about the people, and horses, that have made a significant impact on their lives during their time at Rutgers. This not only speaks to opportunities given by having a center such as the Equine Science Center, but also the dedication of the equine community in New Jersey.

All in all, after winning the “Kick-off Challenge” and the “Scarlet Pride Challenge,” the Center was awarded \$750 in challenge prizes. Almost doubling the amount of donations received last year, this year the Center was able to raise over \$30,000 with the help of Landy’s donation.



# The 2019 Horse Management Seminar: The Feeding and Care of Mare/Foal, Stallion, and Growing Horse

February 10th saw a crowd of horsepeople, sponsors, and students gathering at the Cook Student Center for Dr. Carey Williams' annual Horse Management Seminar. This year's seminar focused on the "Feeding and Care of Mare/Foal, Stallion, and Growing Horse."

The event started off with keynote speaker Dr. Ed Squires, the Director of the Gluck Foundation and a pioneer in the field of embryo collection and transfer.

Dr. Squires discussed the care and management of stallions, focusing on variables that affect sperm production such as testicular size, frequency of breeding, and drug use. His presentation also included a number of "Sunday comic strip" style cartoons that were a big hit with the audience.

The next presentation was given by local veterinarian Dr. Dan Keenan from Foundation Equine, who specializes in reproduction and foal medicine. Dr. Keenan focused on the care of the pregnant mare and foal pre- and post-birth, and discussed the timeline of major events from the breeding of the mare to when the foal is one month of age.

Dr. Squires gave another presentation, this time focusing on cutting-edge assisted reproductive technologies in horses such as embryo freezing, oocyte transfer, and sexing sperm.

After a break for lunch, Dr. Amy Burke, an Associate Professor and Coordinator for the Equine Science Program at the University of Maryland, discussed how to meet the nutrient requirements of the pregnant and lactating mare. She especially emphasized the importance of maintaining appropriate body condition and how the nutritional requirements of the mare change throughout gestation and lactation.

The next presentation was given by Dr. Paul Siciliano, a Professor at North Carolina State University, whose research focuses on equine nutrition. Dr. Siciliano addressed the developing gastrointestinal system of the growing horse and how to hit the "moving target" that is the growing horse's nutritional requirements.





For more pictures from the seminar please visit: <http://bit.ly/2019HorseManagement>

To wrap up the day, the speakers hosted an interactive panel to answer questions from the audience, and Rutgers University Ph.D. student Jennifer Weinert presented the findings of her pilot study focusing on the grazing behavior of horses.

“Dr. Williams assembled a really fantastic team of speakers, all of whom are at the top of their respective fields,” says Dr. Karyn Malinowski, Director of the Equine Science Center at Rutgers University.

For Release



Lab Notes - Malinowski

## From The Lab:

The 2019 "State of the New Jersey Horse Racing Industry"



TOP 5  
FACTS ABOUT THE  
STATE OF THE  
NJ HORSE RACING  
INDUSTRY

#1

While live handle was down for the period 28%, annual revenue for account wagering (internet, phone, and mobile) and off-track wagering facilities (OTWs) continued to remain stable or increase.

#2

New Jersey racehorse owners, trainers, and breeders are still unable to compete with purse structures and breeder incentive programs that exist in neighboring states where racing is supported by alternative gaming.

In January 2019 the Equine Science Center released the 2019 “State of the New Jersey Horse Racing Industry” report which updated a 2014 white paper which reviewed the health of the New Jersey horse racing segment of the equine industry and compared indicators of horse racing and breeding industry health to those in the neighboring states of New York and Pennsylvania. These two reports now provide 8 years of data which can be used for comparison purposes as to the health of the New Jersey horse racing industry.

This report was used by the legislature which approved on January 31, 2019 a \$100 million investment in the New Jersey horse racing industry (with an annual \$20 million appropriation; for a period of five years) and signed by the Governor on February 14, 2019 to benefit purse structure at New Jersey racetracks and breeder incentive programs such as the New Jersey Sire Stakes Program in support of Standardbred breeding.

This white paper demonstrates that New Jersey racehorse owners, trainers, and breeders are still unable to compete with purse structures and breeder incentive programs that exist in neighboring states where racing is supported by alternative gaming.

Trainers and owners follow the purse money and the only way racing in a state becomes sustainable is for the racing industry to offer

a competitive purse structure and a sufficient number of racing opportunities to make it worthwhile to race in a particular state.

A survey conducted in 2018 by the New Jersey Association of Equine Practitioners demonstrated that while changes in New Jersey’s racehorse population have not yet negatively impacted equine practitioners who treat horses that are actively racing, equine practitioners involved in the breeding of racehorses and its associated components have been negatively impacted by the reduction in numbers of racehorse foals being produced in New Jersey.

On a positive note, in anticipation of an increase in purse structure and breeder incentives due to revenue from sports wagering or an appropriation from the State of New Jersey, in 2019, there are already signs of investment in the horse breeding segment of the racehorse industry with an increase in the number of Standardbred stallions standing from 6 in 2017 to 15 in 2019.

These include the high-quality trotting stallions Muscle Hill, Tactical Landing, and Walner, standing at Southwind Farms, and Trixton, standing at Deo Volente Farms.

For the breeding season 2019, there will also be a new Thoroughbred stallion standing in New Jersey, Sea Wizard at Colonial Farms in Colts Neck.

**#3**

**The 2014 and 2019 “State of the New Jersey Horse Racing Industry” reports provide 8 years of data which can be used for comparison purposes as to the health of the New Jersey horse racing industry.**

**#4**

**A sustainable horse racing industry also provides adequate breeder incentive awards and races restricted for horses bred in-state that then result in increased numbers of stallions standing, mares bred, foals born, and yearlings registered.**

**#5**

**Equine practitioners involved in the breeding of racehorses and its associated components have been negatively impacted by the reduction in numbers of racehorse foals being produced in New Jersey.**

# What We've Been Up To

## *Complementary Therapies for Post-Traumatic Stress Disorder & Traumatic Brain Injury Seminar*



On Friday March 29th, a screening of “The Journey Back to Normal: A Look at Complementary Therapies to Combat PTSD” by Nicole Amelio-Casper, was followed by a panel discussion on how these therapies are being used, and how they affect both the human and animals that are involved.

Panelists included Office of Veteran and Military Programs and Services Assistant Director, Bryan Adams; Director of The Center for Disability Sports, Health and Wellness, Javier Robles, J.D.; Assistant Director of the Office of Disability Services at Rutgers University, Kathy Loder-Murphy; Director of the Equine Science Center, Karyn Malinowski, Ph.D.; and Graduate Student in Endocrinology & Animal Biosciences, which is housed in the Department of Animal Sciences, Ellen Rankins. The panel was joined by Ellie Williams from Equi-Team Support Services, and Caryl Swain, a trainer from Canine Companions for Independence.

Dr. Malinowski presented on “Effect of Equine Assisted Activities and Therapies (EAAT) on Stress and Well-being of Horses and Veterans with PTSD,” and Ellen spoke about how she will continue, and expand, on this research for her Ph.D. work. Special thanks to the Director of the Office of Veteran and Military Programs and Services, Ann Treadaway, for bringing together all of the phenomenal panelists to share their work!

# *RUTH Herd Meet-N-Greet*



The 2019 RUTH Meet-n-Greet was held on March 30th. This year's foster horses include Springmoor (aka Spree) from After the Races Thoroughbred Adoption; Robbie, an Arabian-pony cross from Forgotten Angels Equine Rescue; Skeeter, a Quarter Horse-pony cross from Helping Hearts Equine Rescue; Markey from the Saddlebred Rescue; and returning foster horse Soldier, also from the Saddlebred Rescue. Our permanent members include Gus (Paint), Wisner (Thoroughbred), Molly (Standardbred), and Marcie (Standardbred).

At the Meet-n-Greet, the horses and their student handlers got to show off the skills they have been practicing for the upcoming Ag Field Day, where the horses will be required to walk, trot, stand square, back up, and perform turns on the forehand and haunches in-hand. Spree also showed off her newly learned bow to the attendants! To virtually "meet" the RUTH horses, check out their Facebook page: <https://goo.gl/NUWNTK>





## 2019 NJ Junior Breeder Livestock Symposium

The annual Junior Breeder Livestock Symposium was held on March 30th. Between the fantastic turnout, interactive livestock sessions, and the best weather we've had in years, the symposium was a huge success.

Dr. Anna Hausmann kicked off the first equine session, "First Aid on the Go," covering all the essential tools that should be in any horseperson's first aid kit.

With the help of a stuffed "teaching llama," Dr. Hausmann also showed the safest way to approach a downed horse and free a cast horse, and Rutgers University Teaching Herd (RUTH) member Gus was a perfect gentleman as Dr. Hausmann demonstrated the proper way to get control of a loose horse by using just a rope. The session concluded with hands-on leg wrapping for the participants.

The second equine session, "Fit Horse, Fit Rider" was conducted by Dr. Sara Malone, who explained the importance of getting physically prepared for equine-related activities. She demonstrated both equine carrot stretches and human strengthening exercises.

After the "lecture" component, participants got to see heart rate monitors in action with RUTH members Wisner and Marcie walking and trotting at different speeds on the Equicizer, and three participants keeping up with the



horses on the outside, all wearing monitors! At the end of the session, the participants were able to practice taking heart rate measurements with stethoscopes on the RUTH horses.

After lunch, Dr. Carey Williams and Ph.D. student Jennifer Weinert, hosted the long-running Junior Breeder Jeopardy Game, which as always, was a big hit among both youth and adult participants alike.

Participants got to show the knowledge and information they gained from the morning sessions.

The final equine session of the day was the much-anticipated equine treadmill demonstration, hosted by Dr. Karyn Malinowski, who explained what the Equine Science Center

is all about and highlighted current and past equine research and programs at Rutgers.

Former racehorse (and current ESC research horse) Jolee put on a fantastic display of athleticism for the participants, showing off her walk, trot, canter, and pace on the equine treadmill.

The fun wasn't over after the final session; at the end of the day, Dr. Williams hosted the annual RUTH Meet-n-Greet, where the public got to learn about and meet the RUTH foster horses and their respective rescue organizations.

The horses and their student handlers got to show off the skills they have been practicing for Ag Field Day, and several of the foster horses piqued the interest of potential adopters.



For more pictures from the seminar please visit: <http://bit.ly/2019JuniorBreeder>

# Meet The New Faculty From The Department Of Animal Sciences



The department's new on-staff veterinarian, Dr. Anna Hausmann is extremely excited to be joining the Animal Sciences family at Rutgers University. She comes to Rutgers from a mixed animal veterinary practice on the Illinois-Iowa-Wisconsin border (the Midwest version of the tri-state area), where she treated all creatures great and small, from "our reptilian and pocket pet friends to our farm animal friends like cattle, pigs, and of course, horses."

She received her undergraduate degree in Molecular and Cellular Biology with a minor in Animal Sciences from the University of Illinois Urbana-Champaign and her veterinary medical degree from the University of Wisconsin-Madison.

Ironically, as a child she was not allowed to have any pets. Having three brothers, her parents always told her they already had four monkeys and there would be no more animals allowed.

She looks forward to bringing her passion for education to the students at Rutgers along with the greater New Jersey community. If you are ever in Bartlett Hall, she says to stop by, her door is always open.

A Michigan native, Dr. Sara Malone returned to the Rutgers Department of Animal Sciences as a faculty member in January of 2019. A life-long horse owner she participated in 4-H and rode on her high school and collegiate equestrian teams growing up.

She completed her B.S. in Animal Science at Michigan State University (MSU) and her M.S. in Endocrinology and Animal Bioscience at Rutgers. Upon leaving Rutgers she worked at Michigan State University's McPhail Equine Performance Center before taking a position as a 4-H Youth Educator with MSU Extension.

Her work at McPhail reinforced her interest in equine biomechanics and she completed her Ph.D. in Veterinary Science at the University of Melbourne (Australia). Her research focused on equine forelimb asymmetries and factors influencing hoof shape. Before returning to Rutgers she was an Assistant Professor and the Equine Program Coordinator at Morehead State University in Morehead, KY.

She is currently teaching Animal-Assisted Therapies and an Honor's Seminar on Animal Behavior. In the fall she will also teach a new course titled Domestic Animal Behavior and Welfare.







# Doris C. Murphy

## Endowed Scholarship in Equine Science

The Equine Science Center will be accepting applications for the Doris C. Murphy Scholarship until May 1st, of each calendar year.

The scholarship(s) will be awarded for the following academic year. Please see the application form details on the website listed below.

Rutgers Equine Science Center and the Department of Animal Sciences at the School of Environmental and Biological Sciences at Rutgers, The State University of New Jersey, are pleased to announce the availability of financial assistance to undergraduate women who are New Jersey residents majoring in Animal Science with a concentration in Equine Science.

Scholarships will be awarded annually to full-time undergraduate Rutgers University students (including at least one incoming student).

Criteria include New Jersey residency, acceptance or current enrollment at the School of Environmental and Biological Sciences, academic merit, financial need, and demonstrated interest in equine science. Scholarships may be renewed annually with the approval of the scholarship selection committee.

The Doris C. Murphy Endowed Scholarship in Equine Science was created to honor the memory of a woman who loved animals. Ms. Murphy was born in Jersey City, moved to Dumont, and worked for the Ford Motor Company in Newark.

She and her husband had no children, and shortly before her death in 1998, she contacted her financial advisor, Kate Sweeney of Morgan Stanley and expressed her desire to support animal studies.

Ms. Sweeney, a Cook College alumna, suggested the equine science program as an appropriate beneficiary, and as Ms. Murphy was also very supportive of women's education, the endowed scholarship is offered to women students majoring in Animal Science with an equine science interest. Thus, the scholarship reflects Doris C. Murphy's love of animals and her deep interest in encouraging young women to complete their academic studies.

To apply for the scholarship, please go to:

<http://bit.ly/DCMScholarship>

## Ag Field Day at Rutgers Day



### Ag Field Day 2019: Saturday, April 27

Ag Field Day is an annual celebration of our community spirit and of the close ties enjoyed by [Rutgers School of Environmental and Biological Sciences](#) students, faculty, staff, alumni, and volunteers, and New Jersey residents. It is held on the last Saturday of April on the [G. H. Cook Campus](#) of Rutgers in New Brunswick, N.J.

Ag Field Day is part of a larger, university-wide [Rutgers Day](#). For decades, Ag Field Day has been an opportunity for members of the public to learn about and participate in our programs. Rutgers Day built on that tradition and invited the community to learn more about Rutgers University through tours, performances, hands-on activities, demonstrations, exhibits, and lectures across the G. H. Cook/Douglass, Busch, Livingston, and College Avenue Campuses.

### The History of Ag Field Day

The year was 1906. The State Board of Agriculture decided there was a need for New Jersey farmers to become better acquainted with the experiments taking place at the [Rutgers New Jersey Agricultural Experiment Station \(NJAES\)](#). On August 17 of that year, the first Field Day (the original name for Ag Field Day) was held at the College Farm.

About 800 people attended, and all indications were that the event was an unqualified success. It was such a hit, in fact, that Field Day became an annual affair.

By 1917, Rutgers and the New Jersey Agricultural Experiment Station assumed full responsibility for the event. Field Day was expanded to include lectures, demonstrations, and tours that attracted more people of varied backgrounds and interests.

By the late 1920s, the annual Field Day was drawing 3,000 to 4,000 people, including increasing numbers of urban and suburban residents. View a program from the [45th Ag Field Day](#) (3.7MB PDF) in 1960.

Today, Ag Field Day, now part of the university-wide [Rutgers Day](#), attracts a much larger crowd to the George H. Cook Campus to learn about the university's cutting-edge research, education, and outreach programs.

Field Day tractor demonstrations are now a thing of the past. But while Ag Field Day no longer caters specifically to farmers, the reporting of scientific findings and demonstrations of science-based solutions important to New Jerseyans continue to take center stage.

Note: Much of the preceding article was derived from Woodward and Waller's *New Jersey Agricultural Experiment Station--1880-1930*.

**RED BARN**

**APRIL 27**

cook farm  
college farm road  
new brunswick, nj

**10:00AM - 4:00PM**

**AG FIELD DAY AT  
RUTGERS DAY**

**HIGH-SPEED HORSES**

**Cook Farm/Red Barn  
1:00PM & 2:00PM  
Arrive 30 Min Early**

watch a horse run on  
a high-speed treadmill  
and learn about the  
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**2019**

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