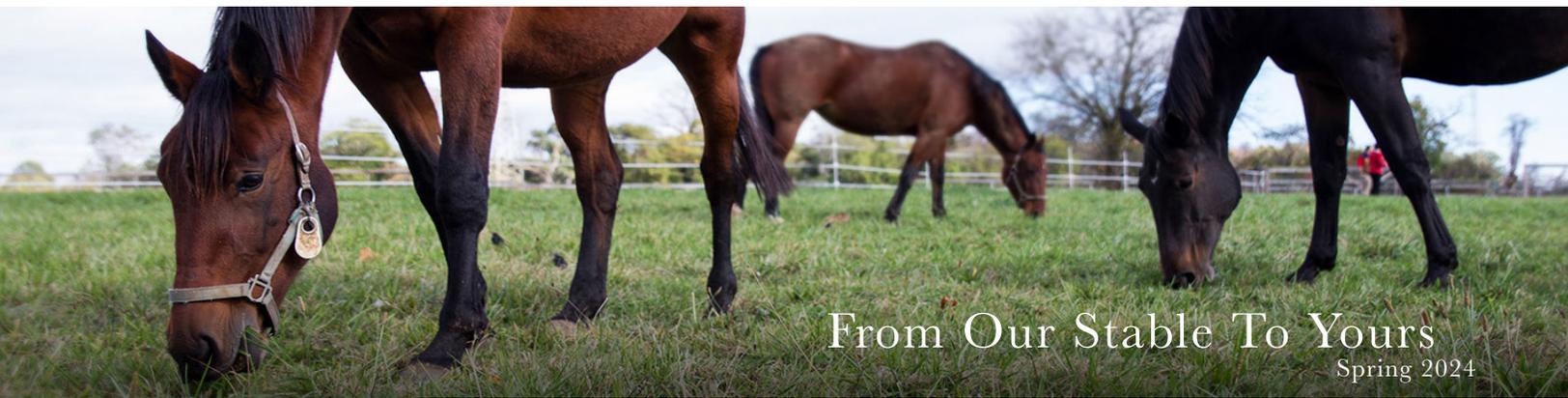


RUTGERS UNIVERSITY

EQUINE SCIENCE QUARTERLY



From Our Stable To Yours
Spring 2024

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NEW JERSEY GOLD MEDAL HORSE FARM PROGRAM



Environmentally friendly farms give the consumer greater confidence in the environmental sustainability of agriculture and encourage public support for the industry. This award gives recognition to the most outstanding equine farms and their environmental sustainability and management.

Eligibility

All New Jersey horse farm owners are invited to submit an application for the award. Farms receiving the highest scores will receive a Gold Medal Equine Farm plaque to be displayed on their farm. Awards will be based upon environmental stewardship, general farm appearance, as implemented 2023F or CHSIS and adherence to the following points:

1. Controlling animal access to the waters of the State.
2. Strong presence of trees 100 feet from surface waters of the State. "Water or waters of the State means the ocean and its estuaries, all springs, streams, and bodies of surface or ground water, whether natural or artificial, within the boundaries of the State or subject to its jurisdiction."
3. Applying manure using proper nutrient management practices.
4. Minimizing pollution from manure storage and application areas.
5. Optimizing the beneficial use of nutrients from manure and bedding materials.
6. Minimizing the use of pesticides on all structures and equipment.

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New Jersey Gold Medal Horse Farm Program



The 2024 Junior Animal Science Symposium Sees Record Turnout For Annual Event

The Junior Animal Science Symposium was hosted on Saturday, March 23rd on the Cook Campus farm to great success. Over 300 attendees were treated

to Hands-on workshops in Equine, Large Ruminant (Cattle), Small Ruminant (Sheep & Goat), Swine, Poultry, Rabbit, Cavy (Guinea Pig), Small Animals, Beekeeping!

From The Clubhouse



We hope that you are able to join us for Ag Field Day at Rutgers Day!

Dear Friends,

Spring ifs finally here and we are all busy helping our horses and ponies let go of their winter coats. Be prepared with an assortment of shedding tools to make the task easier! We all are looking forward to trail riding and competitions; our equids are looking forward to the nice spring grass.

We at the Equine Science Center had a busy and productive beginning of 2024. Carey Williams brought back an in-person Horse Management Seminar held on Saturday, February 3. The speakers were selected from Dr. Williams' list of the top-most requested topics from the past three years. Take a look at some of the great pictures on [Page 12](#).

Carey also put together a series of Horse Management webinars on consecutive Tuesday evenings, February 13, 20, and 27. The webinar recordings are now archived on the Center's website in the library section. For the full story, and a link to all of the recordings, take a look at [Page 21](#).

Please don't forget to utilize the many resources found on our website under the library section. There is an assortment of podcasts, newsletters, webinars and Fact Sheets. You can view them all to your heart's delight and help keep your equids happy and healthy with the knowledge gained.

On a rainy and windy Saturday, March 23, the

faculty, students and staff of the Center were pleased to host the New Jersey Department of Agriculture's Junior Animal Science Symposium at the Cook Campus Farm.

Young people and their parents and leaders were treated to interactive sessions throughout the day. Thanks to Carey Williams, Taylor Ross, Alisa Herbst and Buttons Fairfax who left everyone in attendance with smiles on their faces. Thanks to Kyle Hartman and Alisa Herbst who unveiled a new game, "RU an Equine Gait Analysis Expert!"

Our young 4-Hers did very well learning about different breeds and their gaits! The story can be found on [The Front Page](#).

As a reminder, we have two scholarships available to our students, including incoming first-year students. The Doris C. Murphy Endowed Scholarship in Equine Science open to Rutgers female students residing in New Jersey and specializing in the Equine Science option in the Department of Animal Science. See the flyer on [Page 19](#).

The other is the Ronald S. Dancer Memorial Scholarship which is open to students majoring in Animals Science who have taken leadership roles in their communities as well as at Rutgers. See the flyer on [Page 22](#).

We are currently accepting applications for the Gold Medal Horse Farm Award. This prestigious award recognized equine farms for their dedication to environmental sustainability and management. It also underscores the efforts of the New Jersey equine industry to maintain the beauty of the Garden State. For more details, and for the link to the application page, please take a look at [Page 23](#).

In closing, I am looking forward to seeing all of you on Saturday, April 27 at Ag Field Day at Rutgers Day. The handling and fitting horse show begins at the red barn at 10:00 AM and the Equine Exercise Physiology Lab will be open all day from 10:00AM to 4:00PM with treadmill demos at 1:00 and 2:00PM. Be sure to come by! See the flyer on [Page 11](#).

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.



UMH Properties, Inc., is a real estate investment trust that owns and operates manufactured home communities in seven states throughout the northeast.

UMH has been in business since 1968, operating as a public company since 1985. Owning a portfolio of over 90 manufactured home communities, housing approximately 15,700 home sites.

In addition, owning over 810 acres of land for the development of new sites. It is our mission as a company to provide the best quality affordable home for the hard working residents of Pennsylvania.

UMH communities are perfect for residents of all ages, let us help up you find your dream home today.

For more information about UMH Properties, Inc., please visit: www.umh.com



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



Boehringer Ingelheim Animal Health is the second largest animal health business in the world, with presence in more than 150 countries, and a significant presence in the United States, with more than 3,100 employees in places that include Georgia, Missouri, Iowa, Minnesota, New Jersey and Puerto Rico.

The lives of animals and humans are interconnected in deep and complex ways. We know that when animals are healthy, humans are healthier too. Across the globe, our 9,700 employees are dedicated to delivering value through innovation, thus enhancing the well-being of both. Respect for animals, humans and the environment guides us every day. We develop solutions and provide services to protect animals from disease and pain. We support our customers in taking care of the health of their animals and protect our communities against life- and society-threatening diseases.

For more information about Boehringer Ingelheim Animal Health, please visit: www.boehringer-ingelheim.us

UPCOMING 2024 EVENTS

Rutgers Day 2024: Ag Field Day

Saturday, April 27, 2024

Red Barn - Cook Farm,
College Farm Road
New Brunswick, NJ

kylehart@njaes.rutgers.edu

Equine Science Center Summer Showcase

Thursday, July 11, 2024

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

go.rutgers.edu/ESCShowcase2024

2024 Hambletonian Continuing Education Seminar

Friday, August 2, 2024

Hilton Meadowlands Hotel
2 Meadowlands Plaza
East Rutherford, NJ 07073

Gordon@firstchoicemarketing.us

Evening of Science & Celebration

Thursday, November 7, 2024

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

kylehart@njaes.rutgers.edu

For more events, visit our website @ esc.rutgers.edu

The 2024 Junior Animal Science Symposium



Dr. Carey Williams and Dr. Taylor Ross show attendees the difference in how horses legs can turn, out or turn in, when they are standing; using it as an example of what look for when examining a horse for proper conformation.

This event is sponsored by the New Jersey Department of Agriculture in cooperation with Rutgers Cooperative Extension faculty and staff.

Even though the day was a little rainy, and had a cold brisk wind, attendees braved the weather for some of the best attendance numbers the event has ever seen.

The equine seminars presented included a wide variety of sessions.

Dr. Carey Williams and Dr. Taylor Ross presented the first session, “Basic Horse Conformation and Evaluation.” They highlighted what to look for, markers, and examples of proper conformation; and how these aspects play into overall horse evaluation.



Dr. Williams spoke on how to visualize the markers of good conformation using rope to tell if things are straight, and how to use your fingers as a way to estimate measurements from afar.

The second session was presented by Dr. Ross, who spoke on “Tack Basics and Their Mechanisms.” She covered a vast array of equine tack, the proper use of each item, and how these items differ from discipline to discipline.

Using her vast array of tack, as well as two different types of saddles, attendees were able to get their hands on the items to feel the difference between them, the way that each item moves and interacts with the horse, and were able to compare the different types of tack to see what would work

best for each distinctive job.

After lunch, guests were treated to a session from Mr. Kennis “Buttons” Fairfax, an internationally renowned equine judge. His talk “From the Judges Perspective: Show Prep & Etiquette” highlighted the importance of good horsemanship, the personal accountabilities of young equestrian athletes, and creating an environment in which both the horse and athlete have a positive experience.

He spoke of his many interactions over the years with competitors and provided everyone with first-person accounts of the unique things that he has seen in his many years of judging.

Buttons highlighted the importance of strong personal motivation, wanting to do what is best for

Kennis “Buttons” Fairfax provided attendees with stories and life-lessons from his many years of experience with horses, teaching young equine athletes and enthusiasts, and as an internationally recognized judge.



the horse, and the responsibility of young equine enthusiasts to be leaders.

Dr. Alisa Herbst closed out the day with her presentation “Treadmill Demo & Movement of the Horse” which covered equine gaits, and how they pertain to horse breeds.

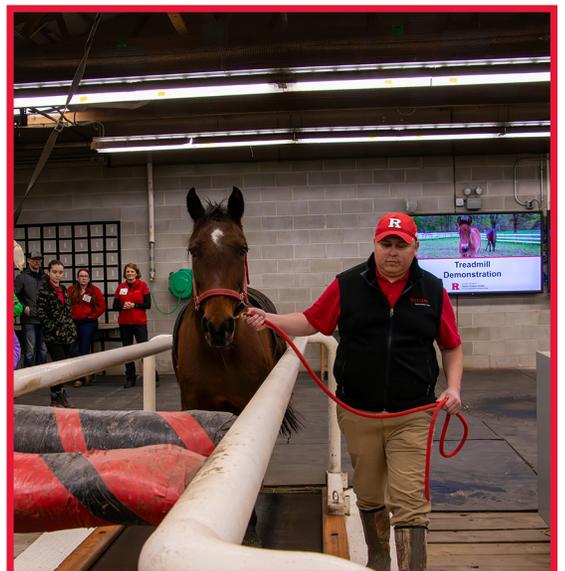
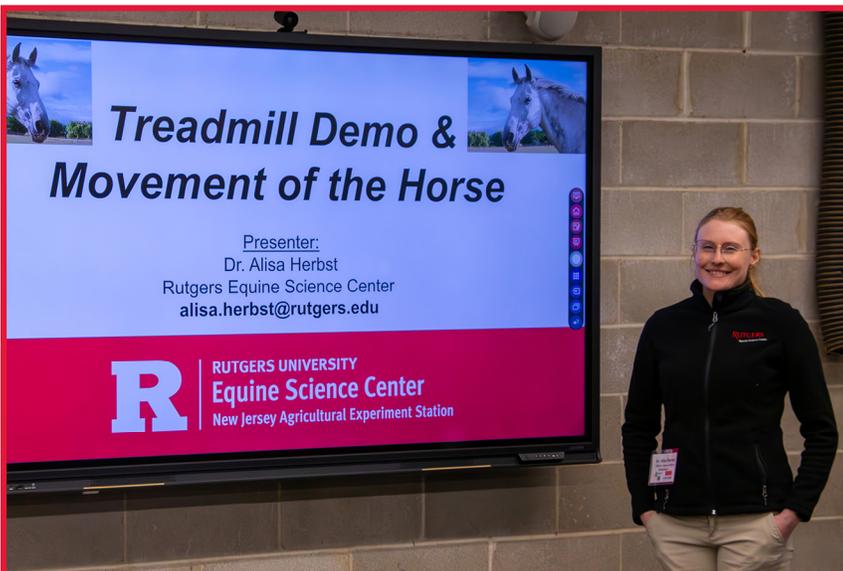
The activities included two new games designed by Mr. Kyle Hartmann, and Dr. Herbst asked attendees to identify gaits based on recorded gait

sounds. The interactive games included identifying the different types of gaits based upon a footfall pattern, and selecting equine breeds and the specific gaits for that breed.

Overall, the around 80 attendees (youth and adults alike) were very positive about their experience throughout the day. They learned a lot and will take what they learned home to their youth groups to share the great information.









RED BARN

APRIL 27

10:00AM - 4:00PM

Cook Farm
College Farm Road
New Brunswick, NJ

**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 research and education conducted by the center

2024

The 2024 Horse Management Seminar: Live!

The Horse Management Seminar returns to its in-person format for a day-long equine educational experience.



Events at the Equine Science Center would be impossible to pull off without the help of our staff and students (shown above in red polos) who help to run and manage all of the Center's events. From event planning, to vendor liaising, to acting as attendee concierges, these students are the backbone of the Center.

You asked for it...!" was the over-arching theme of the 2024 Horse Management Seminar hosted by the Rutgers Equine Science Center and Rutgers Cooperative Extension.

This ever-popular event returned to the "live" format after a multi-year break due to



the amazing student volunteers at events. From running registration, they are the backbone of the Center.

the Covid-19 pandemic. Attendance was great, especially for this return to the live format.

This year's seminar featured some of the most commonly asked-for topics, which were captured during the past three years of virtual conferences, to create a program highlighting attendees' interests.

Presentations included: "Veterinary Care for

the Senior Horse" by Dr. Jessica Martin, Mountain Pointe Equine; "Feeding the Senior Horse" by Dr. Nettie Liburt, Liburt Equine Nutritional Consulting; "Emergency Management" by Dr. Charlotte Weisberg, Mountain Pointe Equine; "Balanced Hoofcare, Barefoot vs. Shoes?" by Craig Farrell, Winner's Edge Horse Shoeing; "Parasites



Dr. Nettie Liburt, an alum of the Rutgers Endocrinology & Animal Biosciences program, received her doctorate at Rutgers University. She has returned as a guest speaker, panelist, and even as staff since graduating in 2011.

and Ticks in your Horse” by Dr. Danielle Smarsh, Penn State University; and “Physical Therapy & Other Ways You Can Help Prevent and Manage Orthopedic Injuries” by Dr. Singen Elliott, Mid-Atlantic Equine Medical Center.

Throughout the day there were a number of breaks that allowed the attendees to chat with each other, as well as visit representatives from the program sponsors, equine industry, and local equine organizations.

Lots of door prizes were given out throughout the day and everyone left with lots of knowledge

they didn’t have before!

The “Horse Management Seminar: Live!” hopes to return again next year, and continue the normal tradition of having a yearly in-person event.

“The ‘Horse Management Seminar: Webinar Series’ is a fantastic way to include attendees from across the globe,” said Dr. Karyn Malinowski, Equine Science Center Founding Director. “But there is just something so special about gathering together in-person that allows us all to connect with, catch up with, and learn with our fellow equine enthusiasts!”











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 on the right and scholarship details 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 Sciences 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 Sciences 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:
<https://go.rutgers.edu/MurphyScholarship>



Associate Professor and Director of Equine Studies at Wilson College, Dr. Janice L. Holland hosted a viewing party for the 2024 Webinar Series. - *Photo Courtesy of Dr. Janice L. Holland.*

The 2024 Horse Management Seminar: Webinar Series

The virtual Horse Management Seminar took place over three Tuesday evenings in February. Pasture Management was the topic for the first night, where Dr. Matt Elmore from Rutgers University spoke on “Managing Weeds in Horse Pastures”, and Dr. Bob Coleman from the University of Kentucky spoke on “Equipment for Small Horse Farm Pasture Management”.

Senior Horse Care was the theme for week two where Dr. Nettie Liburt, Liburt Equine Nutritional Consulting spoke on “Feeding The Older Horse”, and Dr. Jessica Martin, Mountain Pointe Equine spoke on “Veterinary Care for the Older Horse”.

Finally, the last week covered Health and Welfare and brought together Dr. Danielle

Smarsh from Penn State University who spoke on “Parasites and Ticks in your Horse”, and Dr. Kris Hiney from Oklahoma State University who spoke on “Evaluating Pain in your Horse”.

The attendance was between 220-250 each evening with about 50-75 questions asked. Nine other countries in addition to the US also were in attendance with new participating countries this year including the UK, Philippines, and Peru, who were joined by returning countries Portugal, Brazil, Canada, Russia, Nigeria, and Mexico.

The recordings are hosted on the Equine Science Center’s website under the library section with rest of the Center’s recorded webinars, as well as other great digital resources.

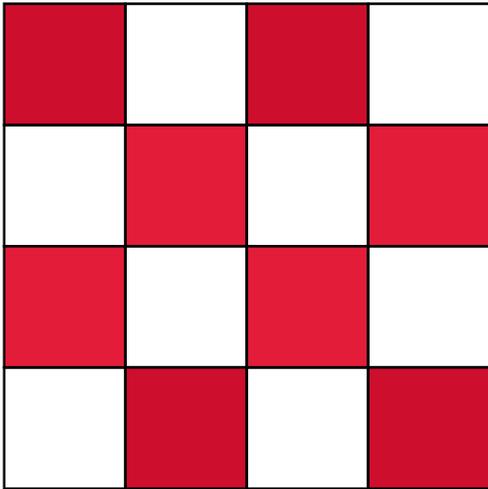
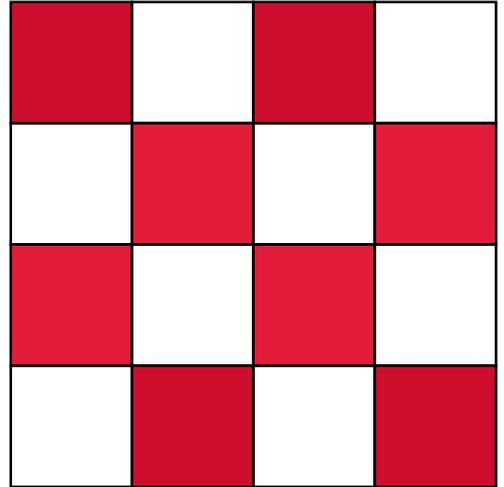


*The Rutgers
Equine Science Center Presents*



The 2024 Horse Management Seminar Webinar Series

R | RUTGERS UNIVERSITY
New Jersey Agricultural
Experiment Station



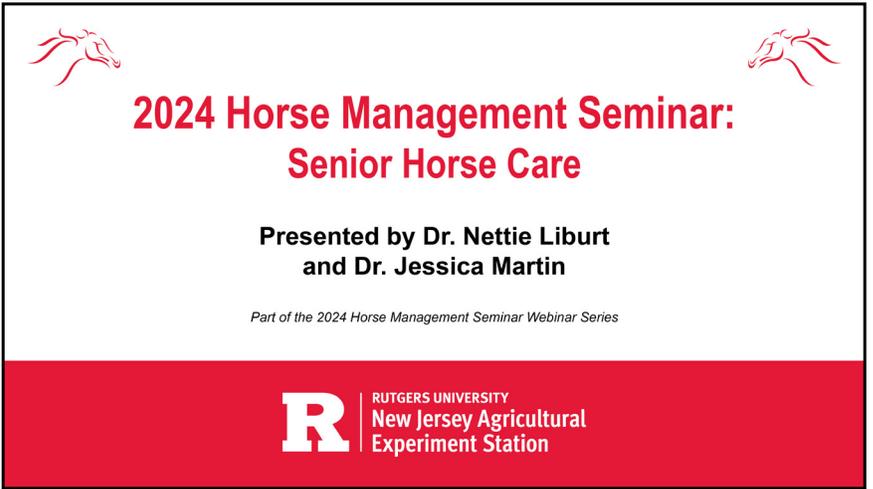
2024 Horse Management Seminar: Senior Horse Care



**Presented by Dr. Nettie Liburt
and Dr. Jessica Martin**

Part of the 2024 Horse Management Seminar Webinar Series

R | RUTGERS UNIVERSITY
New Jersey Agricultural
Experiment Station



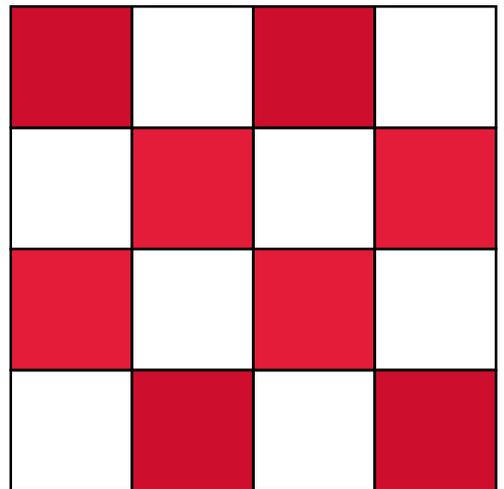
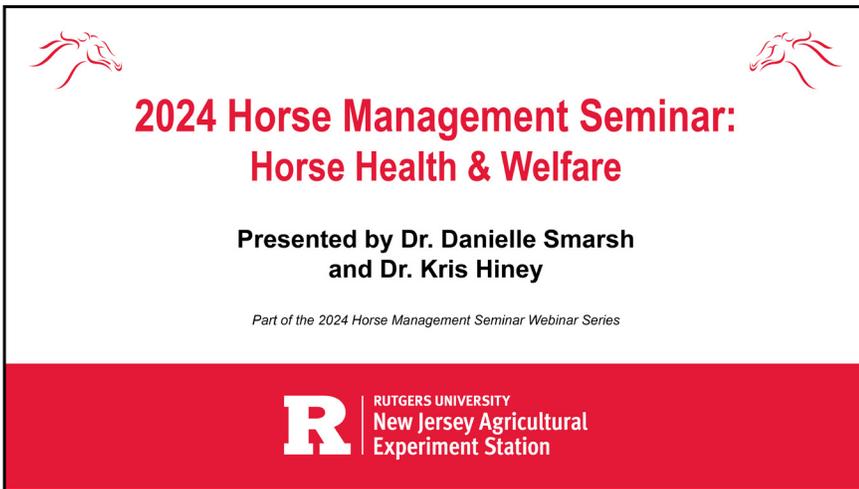
2024 Horse Management Seminar: Horse Health & Welfare



**Presented by Dr. Danielle Smarsh
and Dr. Kris Hiney**

Part of the 2024 Horse Management Seminar Webinar Series

R | RUTGERS UNIVERSITY
New Jersey Agricultural
Experiment Station



**For all 3 recordings in one place, please visit:
<https://esc.rutgers.edu/news/2024hmswebinars/>**



Ronald S. Dancer

Memorial Scholarship

The Equine Science Center is happy to announce the first-ever application cycle for the Ronald S. Dancer Memorial Scholarship, due June 1st, 2023 for this year.

The scholarship(s) will be awarded for the following academic year. Please see the application form link on the right, and the scholarship details 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 undergraduates majoring in Animal Sciences 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, demonstrated interest in equine science, and demonstrated leadership and service to community, school, and to the horse industry. Scholarships may be renewed annually with the approval of the scholarship selection committee.

The Ronald S. Dancer Memorial Scholarship in Equine Science was created to honor the memory of a man who tirelessly served the public throughout his tenure as a New Jersey Assemblyman in the state legislature.

Assemblyman Dancer was a strong supporter of the New Jersey equine industry, agriculture in general, and of the Rutgers Equine Science Center. It is only fitting that this scholarship be awarded to a student who demonstrates leadership skills and community involvement following in Assemblyman Dancer's footsteps.

To Apply for the scholarship, please go to:
<https://go.rutgers.edu/DancerScholarship>

NEW JERSEY GOLD MEDAL HORSE FARM PROGRAM



Environmentally friendly farms give the consumer greater confidence in the environmental sustainability of agriculture and encourages public support for the industry. This award gives recognition to the most outstanding equine farms and their environmental sustainability and management.

Eligibility

All New Jersey horse farm owners are invited to submit an application for the award. Farms receiving the highest scores will receive a Gold Medal Equine Farm plaque to be displayed on their farm. Awards will be based upon environmental stewardship, general farm appearance, an implemented AWMP or CNMP, and adherence to the following points:

1. Controlling animal access to the waters of the State;
2. Storing manure at least 100 linear feet from surface waters of the State; "Water or waters of the State means the ocean and its estuaries, all springs, streams, and bodies of surface or ground water, whether natural or artificial, within the boundaries of the State or subject to its jurisdiction."
3. Applying manure using proper nutrient management practices;
4. Minimizing odors from manure storage and application areas;
5. Optimizing the beneficial use of nutrients from manure and bedding materials;
6. Having a biosecurity program in place to minimize disease risk.

How is the selection completed?

The selection is completed by a pre-determined ranking process that requires both a producer application and an evaluative process.

Selection process

1. Gold Medal Application. Producers need to complete an application that includes general information about their farm (type, horse numbers, acreage, etc.), a copy of their AWMP/CNMP, and a self-assessment of their farm. A \$100.00 application fee will be required of all applicants to go towards continuing the program.
2. Review. A team of reviewers will walk through the farm and make recommendations about the farm. These recommendations have two uses: first, to evaluate the farm for suitability for the program, second to point out any deficiencies. The review team will be made up of members from RCE, NJDA, NRCS, and any other appropriate groups such as might be represented on the US-DA-NRCS Technical Committee.
3. The award program may be used for subsequent advertising or promotion for environmental stewardship in New Jersey. Horse farmers, who apply to participate in this program, if selected, agree to cooperate with promotional activities and make all reasonable efforts to maintain the level of environmental stewardship on their operations.

HOW THE JUDGING WORKS

1. Formal applications can be obtained from the Rutgers University Equine Science Center. Applications will be due August 1. These will be reviewed for completeness prior to judging.
2. Judging teams will visit farms during the month of September.
3. The judges' final ranking will be made and results given to the Rutgers University Equine Science Center and the NJDA Division of Agricultural and Natural Resources.
4. Results will be announced at the Equine Science Center Update.
5. Awards will be given at the New Jersey State Agriculture Convention.
6. Any previously awarded farm failing to maintain program standards will have their award revoked.

For more details, as well as a link to the application, please go to:

<https://go.rutgers.edu/ESC-GMHF>

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E-Mail : g.peterson@rutgers.edu



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