

NEWS UPDATE

EQUINE SCIENCE CENTER

"Better Horse Care Through Research and Education"

FALL 2005

Good 'Horse-Keeping' Takes the Spotlight In Major Initiative Of Best Practices

Most horse owners and farm and barn managers strive to employ sound practices in the day-to-day management of their animals and facilities. But with new environmental and land-use regulations coming down the pike and urbanization spreading into rural areas, good "horse-keeping" has been getting harder and harder to achieve. Until now.

The Equine Science Center, in the largest multidisciplinary, inter-agency program it has ever undertaken, is developing a demonstration working horse farm on the Cook College campus. As it evolves, the public will have access to information about the process and progress so that horse and farm owners and managers can learn from the effort and apply these practices to their own properties.

The initiative is a collaborative effort involving, in addition to the Equine Science Center, Region II of the U.S. Environmental Protection Agency; the Natural Resources Conservation Service and the Northeast Sustainable Agriculture Research and Education program of the U.S. Department of Agriculture; the New Jersey Department of Agriculture; the New Jersey Department of Environmental Protection; and several Rutgers units, including the Center for Turfgrass Science; the Department of Animal Sciences; the Department of Ecology, Evolution and Natural Resources; and Rutgers Cooperative Research and Extension of the New Jersey Agricultural Experiment Station. Expertise from all these organizations will be utilized in the project.

According to Bob Goodman, executive dean of agriculture and natural resources, dean of Cook College and executive director of the New Jersey Agricultural Experiment Station, "This program exemplifies the 'horsepower' that can be harnessed when educators, government officials and the private sector team up to find solutions to problems and challenges that can't be addressed by just one agency or department. The work done by this group will set standards for environmental stewardship that can be adapted by livestock farmers throughout the state and regionally, providing education and outreach that benefit all citizens."

The program is being managed by Dr. Carey A. Williams, extension specialist in horse management at Rutgers, with co-managers Dr. Christopher Obropta, extension specialist in water resources, and Dr. Mike Westendorf, extension specialist in livestock and dairy. Jeff Potent, the EPA's land grant university liaison, will facilitate EPA and DEP involvement as the project unfolds. The demonstration farm will be located at the existing Ryders Lane facility on approximately 40 acres on the Cook campus, just east of Route 1 in New Brunswick.

The goal of the initiative is to employ research, education and proactive outreach to help horse people address serious environmental and pasture management issues.

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Don't Miss This Year's Equine Science Update! (Page 3)

From the Clubhouse

Dr. Karyn Malinowski, Director



A recent poll of folks who are involved in many of New Jersey's equine clubs and breed groups indicated that newsletters are still a very popular way of communication among horse people. It is our aim to keep the Equine Science Center News Update coming to you, and even increase its frequency as we get closer to the state's biggest equine conference and expo, Horses 2007. (As soon as you get your 2006 calendar, write in a reminder that

Horses 2007 will take place the weekend of March 30 to April 1, 2007.)

As we expand our newsletter, we will continually strive to add new features, such as the first edition of "Alumni Voices," which appears on Page 6 of this issue. In the spotlight this time are Sandy Denarski (DC, 1973) and Bob Lippman (RC, 1948).

Sandy and I have been crossing paths since we hung around the neighborhood in Manville, where I grew up. Sandy went on to a highly successful career in the corporate arena and just recently fulfilled her dream to enter the equine arena, riding and showing horses. The obstacles she had to overcome to realize her dream make her story exceptionally inspirational. Her new life has led her to becoming a member of the Community of 50 for Equine Excellence, the group of donors actively supporting the Equine Science Center.

Bob Lippman was introduced to us by the Scarlet R office of Rutgers University Foundation. Scarlet R's Tom Murray was making contact with alumni who had been athletes during their time here, and while he was talking to Bob, a former football star, he discovered that Bob's true passion was for horses. So his story appears here, and an amazing one it is.

If you are an alumnus/a with a horse story to tell – or know of any – please get in touch with me, and we'll put our reporters on the trail.

The Equine Science Center is on the move. It is relocating from its temporary (for nearly two-and-a-half years!) offices in the New Jersey Museum of Agriculture to new offices on Route 1 South near the Sears shopping plaza. The actual address is Equine Science Center, ASB II, 57 Route 1 South, New Brunswick, NJ 08901. Please visit us in our shiny new headquarters. The phone number still is 732-932-9419.

Good 'Horse-Keeping'

(Continued from page 1)

"As with many things concerning the environment," says Dr. Williams, "New Jersey is on the leading edge of challenges that occur when cities and suburbs expand into traditionally rural areas. Pastoral settings with contentedly grazing animals may be beautiful to look at on a Sunday drive, but can become a problem when one moves in next door.

"The work we are doing to create 'best management practices' – or BMPs – for horse farms is geared to finding scientifically-sound and cost-effective ways farmers can be in compliance with regulations, be good neighbors, and still make a living raising horses and other livestock."

The BMPs will cover such important issues as maintaining water quality, installing buffers around streams and ponds, building bioswales and bioretention basins, controlling stormwater runoff, complying with regulations concerning nutrient waste management at livestock operations (often referred to as "CAFOs" and "AFOs"), and creating comprehensive nutrient management plans (CNMPs). Manure and other solid waste management also will be highlighted, including the creation of a demonstration composting facility.

Also to be studied are pasture management techniques that protect the environment and optimize forage quality and availability. Particular attention will be paid to the challenges of keeping animals on small acreage and to the most effective ways of renovating pastures that have been over-grazed or left untended. Researchers will address weed control, compaction, soil-testing, fertilization, seeding, water and mud control and rotational grazing methods.

Faculty will be testing different kinds of pasture grasses for durability, nutrient content and palatability, and will explore opportunities to breed new grasses that are ideal for various kinds of soil and topographical conditions. In addition, a confined demonstration area of common toxic plants will be created and maintained, enabling educators to teach toxic plant identification and eradication.

Overall, the plan is to create a very efficient, functional livestock facility – complete with well-organized pastures, paddocks, drylots and test areas. In addition, different kinds of fencing will be used in various parts of the farm, allowing for comparisons of materials and suitability.

"Education and collaboration are key in this project," says Williams. "As we proceed, the faculty and staff will be running educational workshops and will convene a regional forum for faculty and technical assistance agencies. The public can get a clear picture of what works, what doesn't work and what will work best for their farms." Progress reports on the project will begin to be posted on the Equine Science Center website – www.esc.rutgers.edu – starting in late 2005. The Equine Science Center also will issue fact sheets and bulletins on various aspects of the research.

Annual Equine Science Update Adds Mini-Seminar for Horse Owners

Each year, scores of equine enthusiasts head to the annual Equine Science Update to hear first-hand from the Center's talented researchers about bold strides made in the field of equine science. The Update, scheduled this year for Tuesday, December 13, at the New Jersey Museum of Agriculture, now has a new feature aimed at horse owners, farm owners and managers, equine veterinarians and others involved in horse husbandry.

The first annual Equine Management Update will take place from 2 to 4 p.m. Speakers include Dr. Mike Westendorf of the Department of Animal Sciences and Rutgers Cooperative Research and Extension (RCRE), who will outline nutrient waste practices and procedures; Donna Foulk of the Equine Science Center and RCRE, who will field a discussion of the new "Agricultural Management Practices for Commercial Equine Operations;" Dr. Sebastian Reist of the New Jersey Department of Agriculture's Animal Health Division, who will present the national animal identification program and its implications for horse owners; and Dr. Jeff Hamer, also of the Animal Health Division, who will offer emergency preparedness tips and resources.

Following this mini-seminar, and before the Science Update, two tours of Equine Science Center facilities will be offered: at 4:30 p.m., a visit to the current crop of weanlings in the Young Horse Teaching and Research program begins, followed by a demon-

stration of the Center's high-speed treadmill at 5 p.m.

The Equine Science Update, geared to horse industry people plus students, science teachers, 4-H horse program participants and educators, will include presentations highlighting the Equine Science Center's work in advancing equine health, horse management practices, and solutions to equine industry issues. Topics to be covered include:

- Vitamin E: an antidote to stress in equine athletes?
- Environmental stewardship on working horse farms, including water quality controls, pasture maintenance, waste management and best management practices
- The nutritional findings from Cook College's Young Horse Teaching and Research Program
- Popular nutraceuticals (such as black tea and orange peel) and their effect on horses

The seminars and tours require reservations, which can be made by calling 732-932-9419 or emailing ESC@aesop.rutgers.edu. The suggested donation for the day's activities, including a supper at 6 p.m., is \$25 for adults and \$10 for students. For additional information, directions, and a registration form, call 732-932-9419 or visit www.esc.rutgers.edu.



Donna Foulk and Dr. Carey Williams will be presenting at the Annual Equine Science Update on December 13, 2005.

Friends of the Equine Science Center

Supporters of the Equine Science Center have been busy organizing their neighbors and colleagues and hosting "friend-raisers" and educational sessions to benefit the Center.

Presentations have covered such diverse topics as "Best Management Practices for Horse Farms," "The History of the Horse in New Jersey" and "An Overview of the Equine Science Center: Who We Are and What We Can Do for You."

In a typical "friend-raiser," the host invites 30 to 40 horse-oriented neighbors to a presentation, provides a place for them to meet, and supplies basic refreshments such as sodas and snacks. Equine Science Center faculty and staff prepare a one-hour talk or mini-seminar and then answer questions and take comments for about an hour. The events usually take place in the late afternoon or evening.

A recent friend-raiser host was Marilyn Russo of Russo Farms in Chesterfield, NJ. Even though Marilyn is not a "horse person" herself (though she recalls they had a workhorse on the farm for a number of years after she married husband Nick!), she brought

together about 25 of her neighbors on an August evening to meet Dr. Karyn Malinowski, Center director; Dr. Carey Williams, extension specialist in horse management; and Diana Orban Brown, director of communications.



"Friend-raiser" seminar at Marilyn Russo's farm in Chesterfield, NJ.

"People are still stopping into our farm store, thanking me for getting them together with the folks from the Equine Science Center," Marilyn notes. "They enjoyed the presentation, and especially liked being able to get to know and talk with the Center faculty and staff members."

Dr. David Meirs II, who attended the event, praised Marilyn's involvement, even though she isn't a horse farmer. "Her support and cooperation shows there is a surprising and positive unity among all farmers in New Jersey," he said.

If you are interested in hosting a "friend-raiser," please contact the Equine Science Center staff at 732-932-9419 or ESC@aesop.rutgers.edu.

Student Voices: Young Horse Teaching and Research Program Offers Rare Opportunities and Creates Lasting Memories

By Sarah Grossman, Class of 2006

Although my interest in horses began before I can remember, I know the exact moment when I fell in love with them. I was six, and my aunt was putting me on the first pony I ever rode. As she led the pony down the lane, I knew I had officially become horse crazy. Soon I was taking riding lessons, leasing horses, and eventually breaking and training my own youngsters. From the moment I sat on that pony, I knew that horses were in my future.

When it was time to go to college, it was only natural for me to pick a university where I could pursue my passion for horses. Cook College's academic reputation, the campus' beauty, and the farm facilities were the deciding factors which made it my choice. I was introduced to the NAERIC Young Horse Teaching and Research Program the fall of my sophomore year. By the spring semester I was enrolled as a research student with Dr. Sarah Ralston, who then allowed me to be one of eight students to travel to North Dakota to help hand pick foals for the following year. Since then, my involvement with the program has grown tremendously: I have developed a website featuring the weanlings (accessible through www.esc.rutgers.edu and http://homepage.mac.com/ru_horses/); filmed, produced, and edited videos of the foals; and have been a part of as many aspects of the program as possible, including collecting research data and coordinating the Ag-Field Day activities.

The program has not only allowed me to work with the animals I love but has also enabled me to increase my knowledge of horse nutrition, growth, and behavior. The program has also allowed me to travel

to North Dakota twice to work with young, untamed foals. This experience has been particularly rewarding. The foals, which prior to our attention have had little human contact, overcome their fear of people to gain complete trust in us, often choosing to be with people rather than their dams by the end of the week. The experience of working with and training an untouched horse is a unique aspect of the program. Working from a "blank slate" and watching the horse develop is a very special opportunity which I have had the privilege of experiencing twice, first with last year's RU Sandra Dee and now with RU Oh Gilbert!, one of this year's colts. In addition, I have found the NAERIC auction a thrilling and emotional end to the year. Although sad to see my beloved horses sold, the admiration the yearlings receive from the public fills me with pride. Through the hard work of myself and the other students, we are able to turn twelve timid weanlings into beautiful, gentle, and well trained yearlings who go on to bring pleasure to their new owners' lives. The happiness their future owners take in their new horses is one the greatest rewards of the program.

This year will be my last with the NAERIC Young Horse Teaching and Research Program and my last at Cook. I will be graduating in May and hope to be accepted to a British veterinary school where I can pursue my lifelong goal of becoming an equine vet. I consider my hours spent with the NAERIC program among the best of my college career due to the unique opportunities it afforded me. Working with Dr. Ralston, traveling to North Dakota, and training my weanlings are memories of this program which I will remember long after my days at Cook are over.



Sarah Grossman with RU Cluedo.

Alumni Voices: How Horses Can Shape Our Lives

Ask Sandy Denarski about horses, and she'll insist they saved her life. Sandy (DC, 1973) grew up in New Jersey and was a typical horse-crazy kid. She begged her parents to let her take riding lessons but they told her it was (1) too unladylike, (2) too expensive and (3) too dangerous. "I wasn't sure which was a greater concern to them," she recalls.



Sandy Denarski and one of her four-footed supporters.

As a child, she says, she was always overweight to varying degrees, at best being a little overweight, but as time went on and she moved up the ladder in the corporate world, "a 'little overweight' turned into a potentially life-threatening condition. So about six years ago I decided I had to make some changes."

She began by taking control of her food intake. Then she looked for an incentive to keep her focused: she contacted her daughter's riding coach and asked her if she could help her fulfill a dream — riding lessons. The coach hesitated, but found a suitable horse for Sandy. "I'm glad there were no cameras, because that first time I could hardly get on the horse." However, she persevered — with the weight loss and her riding lessons, and now she is a tall, svelte shadow of her former self who is competing in local horse shows and events.

Sandy, who is general manager of Johnson and Johnson Finance Corporation, gives motivational talks to groups on her own time. Her personal passion, in addition to horses, is fighting the epidemic of obesity. "For me, horses were my ally in the fight. They continue to help me keep my weight down and reduce the stress that contributed to the problem in the first place," she says.

Sandy is thankful every day for her changed life, and grateful to the two-legged and four-legged partners who helped make it possible. Sandy joined the Community of 50 for Equine Excellence (see Page 7) by making a major contribution of J&J stock this past June in the name of the Equine Science Center, and she continues to support Equine Science Center programs. We are grateful to Sandy for proving the validity of Winston Churchill's famous quote: "There is something about the outside of a horse that is good for the inside of a (wo)man."

Bob Lippman

Most horse people are made, not born. Take Bob Lippman, for example.

Robert M. Lippman, RU Class of 1948, came to Rutgers to play football and get a first-class education. He was enrolled in Rutgers College as a business administration major so he could run his own business. He never visited the Ag

College or spent time on College Farm Road or laid eyes on a horse the whole time he was in school.

So how is it that some of the best times of his life and many of his most poignant memories are wrapped up in horses?

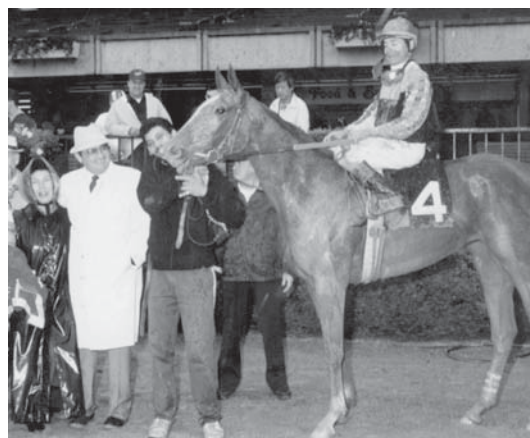
According to Bob, he caught the bug when customers of his successful plumbing and heating business in New Jersey took him for an occasional afternoon at the track. Eventually, he wound up being a racehorse owner and even got into breeding Thoroughbred racehorses.

Along the way, he and his wife Norma became close friends with jockey Mike Venezia and his family. Tragically, a spill at Belmont Park in 1988 took Venezia's life. A short while later, Bob honored Venezia by naming a promising filly "Big Brown Eyes" — a reference to Venezia's trademark soft brown eyes.

And in the sometimes fairytale world of horse racing, Big Brown Eyes won the race of a lifetime when she captured the 1990 Yaddo Stakes at Saratoga Springs. Venezia's family had been invited by the Lippmans to see the race, and the late jockey's young son Mike Jr. accompanied Bob to the winner's circle.

Bob has retired to Palm Beach Gardens, Florida, where he has taken up painting and where Norma hosts a locally-produced television show called "Everything Animal!" He occasionally goes to the track, but being in the clubhouse isn't the same as being out back with the trainers and jockeys. "When I was an owner and breeder, I was part of a very special fraternity. They treated me like I knew a little something about horses, and I guess I did. Imagine that — a city kid from north Jersey."

Bob and his family have a standing invitation to visit the Equine Science Center. He'll find plenty of company in this community of people who love horses.



Bob Lippman (in white coat with Norma beside him) enjoys the winner's circle in May 1988 with Producer's Couch, a half-sister to Big Brown Eyes, ridden by Mike Venezia.

The Equine Science Center:

The Rutgers Equine Science Center is an initiative of Cook College at Rutgers, the New Jersey Agricultural Experiment Station and Rutgers Cooperative Research and Extension. It is dedicated to the well-being of horses and continued viability of the equine industry. The Center is recognized nationally and internationally for its innovative teaching and technology, cutting-edge research, outreach to the industry and assistance in creating policy to promote the economic viability and sustainability of the equine industry.

As the needs of the horse industry continue to grow and change, the demand for information and assistance also increases. Therefore, it is critical that the Equine Science Center be able to face these challenges. We have identified several goals that, once met, will ensure that our bank of knowledge will be available for years to come:

- A \$2 million Endowed Directorship will enable us to tackle special initiatives on a very timely basis.
- A \$3 million new Equine Learning Center on Route 1 and Ryders Lane will include a distance-learning component, house more horses, and provide state-of-the-art technology to enhance teaching and research.
- Refurbishment of the historic Round House will help preserve this very special landmark, restoring it to become a state-of-the-art “smart” classroom.
- Faculty, graduate fellowship and scholarship endowments will ensure that the best and brightest minds in equine science will have a place to flourish.

What can you do to support the work of the Equine Science Center?

Consider joining the “Community of 50” – either as an individual or as part of an organization. The Community is made up of donors who pledge gifts at the President’s Council level for four years. President’s Council members have traditionally made gifts of \$10,000 or more through the Rutgers University Foundation. Gifts can take many forms, but the most common are cash, stocks and securities, real estate, and bequests. A list of giving methods appears below.

Spread the word. Be an advocate. At the stable, at shows, at dinner or on the trail, let your friends and associates know that the Equine Science Center is here for them – with science-based answers to pressing horse management questions, advice on how to comply with environmental regulations, and initiative when it comes to speaking out on policies and laws that shape the equine industry.

Visit the Equine Science Center. We offer many opportunities for the public to learn firsthand about the groundbreaking research done at the Center. Demonstrations of our high-speed equine treadmill can be booked three weeks in advance, and are popular with breed groups, school groups, and career programs. Our Equine Management Seminar in February will help you make the most of the winter downtime. And our mini Management Update and Science Update in December put you in the same room with our researchers to learn, inquire, and discover. (See page 3.)

Organize a “friend-raiser” event. If you can’t come to us, let us come to you! Members of the Equine Science Center can come to your stable or barn, equipped with a presentation to educate your friends about our services, as well as answer any questions they may have. These “twilight seminars” are growing in popularity – they’re a great opportunity to convert an open house into a little something more!

Make a personal gift. Whatever the size, your gift to the Equine Science Center does make a difference! Gifts may be made in a variety of forms, including cash, securities, and real estate, or through planned gifts, such as bequests and life income agreements. Gifts are tax-deductible to the full extent of the Internal Revenue Code. Below are just a few of the many ways that you can contribute.

Faculty Support and Graduate Fellowship Endowments – Donors can support the Equine Science Center with gifts for faculty support and graduate fellowships. Endowed directorships and faculty scholar funds recognize and reward distinguished faculty who exemplify Rutgers’ standards for outstanding teaching, research, and outreach. Gifts of \$2 million will endow the Equine Science Center Directorship, and gifts of \$1 million will endow a senior faculty scholar at the Equine Science Center.

Endowed graduate fellowships allow the Equine Science Center to attract the best and brightest students, who will work side by side with our faculty to further the horse. Gifts of \$700,000 or more will endow a fellowship in perpetuity.

Commemorative Gifts – Commemorating a special person – or horse – with a gift to Rutgers can be tremendously satisfying. It is a lasting tribute to a friend, colleague, or loved one and provides valuable support to New Jersey’s leading research university. A gift “in honor of” someone is usually made while that person is living, often for milestone occasions such as a graduation, promotion, birth of a child or grandchild, or retirement. A gift “in memory of” someone is the term used when the namesake is deceased. All of these gifts are referred to as commemorative.

Cash Gifts – A cash gift can be made in the form of a check payable to the Rutgers University Foundation, designating the Equine Science Center on the memo portion of the check. Rutgers can now accept your gift online through a completely secure website payment system. Visit www.esc.rutgers.edu and click on the “Gifts” menu item for full details.

Other Contributions – Other forms of contributions include: gifts of securities, life insurance, deferred payment gift annuities, charitable remainder trusts, charitable lead trusts, the pooled income fund, gifts of real estate or tangible personal property, bequests, charitable remainder trusts combined with a noncharitable trust, and replacing an asset with an insurance policy.

Goals and Gifts



The Equine Science Center's planned expansion includes this \$3 million Equine Learning Facility.

Naming Opportunities – Donors frequently express interest in specific naming opportunities. The Equine Science Center campaign offers the following such opportunities:

- Endowed Center Directorship Fund (\$2 million)
- Endowed Senior Faculty Scholarship Fund (\$1 million)
- Endowed Fellowship Fund (\$350,000)
- Ryders Lane Learning Center (\$1.5 million)

For more information about how you can contribute to the Equine Science Center, please contact Diana Orban Brown, Equine Science Center, 732-932-9419 or orban@aesop.rutgers.edu.

In Memory of 'the Colonel'

Lt. Col. James V. Marsh, known throughout New Jersey horse show circles simply as "the Colonel," is remembered fondly by horse men and women throughout the state of New Jersey. He died on August 5, 2005, at the age of 86.

Colonel Marsh was a tireless horse show manager, and served as a ringmaster, judge or steward at numerous events each year. The Asbury Park Press noted: "he was better known among his fellow equestrians as the head of the Middlesex Horse Show and as a ringmaster who always paid attention to what was going on in the ring. He was quick with a joke or a light-hearted tease, or to help a rider regain control of a horse."

He was instrumental in organizing fellow horse men and women and government officials to support the building of the Horse Park of New Jersey in Upper Freehold Township. It has become a world-class facility capable of attracting high level shows and combined training events. Colonel Marsh accelerated its development by moving the Middlesex County Horse Show from Johnson Park in New Brunswick to the new state facility soon after its dedication.

He also was president of the New Jersey Horse Council, and received many awards from the equine community, including the American Horse Council's Van Ness Award and the 1989 Governor's Award for Horseperson of the Year. A decorated officer in the U.S. Army, he was the recipient of two Purple Heart medals and one Bronze Star. He also led a contingent of horses and riders during the inauguration of President George H.W. Bush.

Before there was a Middlesex County Horse Show, however, there was a New Brunswick Horse Show Association that oversaw that premier annual event in Johnson Park. Marsh and a committee of dedicated contemporaries spent countless hours making the show

one of the largest and best in the state. Colonel Marsh and Gwendolin Stableford, who still is an active exhibitor in pony pleasure driving classes and a national champion for two years running, were the last remaining officers of the New Brunswick Horse Show Association. Its last asset was a certificate of deposit, which – in honor of Marsh – was redeemed and donated in September of this year to the Horse Park of New Jersey and the Equine Science Center.

The faculty and staff of the Equine Science Center are grateful to the Marsh family and to Ms. Stableford for their generosity.

The Equine Science Center also expresses its condolences to the family of Stanley Dancer, who died September 8, 2005 at age 78. Dancer was one of New Jersey's most famous horsemen – a premier driver, trainer and breeder of Standardbred race horses. He was a tireless promoter of the sport, including making an appearance on the "Ed Sullivan Show" and finding himself on the cover of Sports Illustrated magazine.

Dancer's driving career spanned 50 years, from the late 1940s until the late 1990s, in spite of dozens of major injuries and mishaps, some of them life-threatening and – for a lesser sportsman – career-ending. He was enormously successful, winning 3,781 races. He also was well respected as a person. In his eulogies, he was remembered as a man of great integrity, whose handshake was the only contract anyone needed when dealing with him.

Dancer is buried near Freehold Raceway, in a site overlooking the track where he got his start.

Doris C. Murphy Scholarship Winners Set High Standards

Encouraging great students – along with conducting great research – is a primary goal of the Equine Science Center. The Doris C. Murphy Scholarship, endowed by a friend of Rutgers who wanted to reward hard-working women students in the field of equine science, has for five years given a needed boost to students at various stages of their undergraduate careers and helped them on their way to continued professional education.

This year's roster of winners includes two freshmen, a sophomore, a junior and a senior – all of whom have set high standards for themselves.

Michelle Stives, Class of 2006 and a George. H. Cook scholar, is an animal science major with a minor in equine science. She is studying equine nutrition with Dr. Sarah Ralston in the Young Horse Teaching and Research Program, and plans to attend veterinary school next fall, looking to specialize in equine orthopedics or small animal internal medicine. This year Michelle also received the Outstanding Scholar Award and the Myron and Rona Solberg Renaissance Scholarship.

Rebecca DeCillis, Class of 2007, is an animal science major with a pre-veterinary medicine and research option and a minor in equine science. After undergraduate school she plans to attend veterinary school.

Nicole Meyerkopf, Class of 2008, is an animal science major, minoring in equine science. She received both the James Dickenson Carr Scholarship and Edward J. Bloustein Distinguished Scholars awards in 2004. She is currently raising a puppy for the Cook College Seeing Eye Puppy Raising Club, of which she is the secretary.

Ashley Hart, Class of 2009, dreams of becoming a veterinarian and opening a shelter for abused and abandoned animals. She also is interested in equine chiropractic medicine.

Jennie Zambito, Class of 2009, is majoring in animal science with a pre-veterinary option. As a high school senior, she received the Toms River Rotary Club Scholarship and the CVS Corporate Scholarship.

Dr. Karyn Malinowski, director of the Equine Science Center, notes, "Our animal science and equine science programs provide these young women with experience that they can't get anywhere else – and when we challenge and nurture these minds, we see them develop into outstanding, brilliant and dedicated individuals who excel in whatever they choose to do, whether it involves horses, or not. And that's really why we are here – for the students. Congratulations!"

Scholarships of \$1,000 are awarded annually to up to six full time Rutgers University undergraduate women majoring in animal sciences with a minor in equine science. Applicants must be New Jersey residents. For further information and an application form, send an email request including your mailing address to esc@aesop.rutgers.edu, or call 732-932-9419.

Upcoming Events

Equine Science Update

Tuesday, December 13, 2005

2 - 4 p.m. – Equine Management Update
New Jersey Museum of Agriculture
New Brunswick, NJ

4:30 - 5 p.m. – "Meet the Weanlings!"
Young Horse Teaching and Research Program
Ryder's Lane Facility
New Brunswick, NJ

5 - 5:30 p.m. – High-Speed Equine Treadmill Demo
Equine Treadmill Laboratory
New Brunswick, NJ

6 - 9 p.m. – Equine Science Update
Dinner and Research Presentations
New Jersey Museum of Agriculture
New Brunswick, NJ

Registration required: call 732-932-9419

Annual Horse Management Seminar

"So You Want to Breed Your Horse?"

8 - 4 p.m., Saturday, February 11, 2006

Cook Campus Center

Rutgers, The State University of New Jersey

New Brunswick, NJ

(watch for registration information on www.esc.rutgers.edu)

★ Extra! Extra! ★ Save the Date! ★

Horses 2007 Conference and Expo

Friday, March 30 to Sunday, April 1, 2007

Cook College Campus

Rutgers, The State University of New Jersey

New Brunswick, NJ



"Better Horse Care Through
Research and Education"

Dr. Karyn Malinowski

Director

Diana Orban Brown

Director of Communications

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