

EQUINE SCIENCE CENTER
“Better Horse Care Through Research and Education”

of

COOK COLLEGE ♦ RUTGERS UNIVERSITY

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Fact Sheet

Description: The Equine Science Center is a program of Cook College at Rutgers University, The State University of New Jersey. It is dedicated to the well being of horses and the continued viability of the equine industry. The Center is recognized nationally and internationally for its innovative teaching and technology, its cutting-edge research, its outreach to the equine industry and its leadership in the creation of policy to promote the economic viability and sustainability of the equine industry. The Equine Science Center is an approved research and outreach facility of the New Jersey Agricultural Experiment Station (NJAES), the third largest such station in the country. The NJAES also serves as Rutgers University’s largest research unit.

Director: Karyn Malinowski, Ph.D., Director of the Equine Science Center, was for many years the extension specialist in equine sciences and an animal sciences professor. Appointed director in July 2001, Dr. Malinowski has been a faculty member at Cook College since 1978. Her research and extension programs concentrate on improving the well being and quality of life of the equine athlete while ensuring the vitality and viability of the equine industry, both statewide and nationally. She has received numerous awards for her work, including a leadership award from the American Youth Horse Council, as well as the American Horse Council’s Van Ness Award in 2001. She was named Outstanding Equine Educator by the Equine Nutrition and Physiology Society, also in 2001. In 2002, she was appointed Dean of Outreach and Extension Programs, a position she holds in addition to her role as Equine Science Center director.

History: In 1978, Cook College established an equine science program as part of its Department of Animal Sciences, with a focus on conducting research in the areas of exercise physiology; aging, growth and development; and nutrition. The program has grown to include three full-time faculty members. Students at Rutgers University can minor in equine science and be fully prepared to enter the equine profession upon graduation. Horse enthusiasts and industry professionals benefit from the program’s research that is delivered to them through the successful outreach component.

Equine Science Center Programs:

- Exercise Physiology and Performance
- Equine Aging and Health Care Maintenance
- Nutrition and Behavior
- Nutrient and Waste Management
- Education and Outreach

Equine Science Center Facilities:

Located on the Cook College campus in New Brunswick, New Jersey, the Equine Science Center is recognized for its excellent exercise physiology facilities and its efficient farm set-up that is capable of handling more than 60 horses at the same time. A proposed new complex will significantly enhance the ability of the Cook College comprehensive equine science program to provide meaningful service to the multifaceted equine world – nationally and internationally. The expanded facilities will include a “distance-learning” resource, complete with classrooms, library, closed-circuit television for live instruction and demonstration, faculty offices and conference capability. Corporations, associations, groups, clubs, business-owners and individuals can avail themselves of this resource to learn more about ensuring the well being, longevity, performance and advancement of horses. They will have instant and ongoing access to the best thinking and best practices of the equine world.

Equine Science Center Key Personnel:

- Karyn Malinowski, Ph.D., Director
- Kenneth McKeever, Ph.D., FACS, Associate Professor
- Sarah Ralston, VMD, Ph.D., ACVN, Associate Professor
- Carol A. Bagnell, Ph.D., Associate Professor
- Carey A. Williams, Ph.D., Extension Specialist in Equine Science
- Diana M. Orban Brown, Director of Marketing and Communications
- Todd Wilkinson, Teaching/Research Associate

Advisory Boards:

Rutgers University Board for Equine Advancement (RUBEA) – a notable and dedicated group of horse industry leaders from the private sector, education and New Jersey agriculture, including representatives from the New Jersey Division of Animal Health, the Standardbred Breeders and Owners Association, the Thoroughbred Breeders Association of New Jersey, the New Jersey Horse Council, the New Jersey Thoroughbred Horseman’s Benevolent Association, the New Jersey Equine Advisory Board, the State Board of Agriculture, the United States Equestrian Team, and the Equine Science Center.

