

Delaware Valley Combined Training Association  
*and*  
French Creek Dressage Association  
*present*

The Importance of Forage,  
Forage Substitutes and  
Pasture Management.

With Dr. Sarah Ralston and Dr. Carey Williams

**Monday, May 18, 2009 6:30 pm**

Sponsored by Southern States Feed

Time: 6:30 pm

Location: Alumni Hall New Bolton

Format: Lecture and Panel Discussion

This is a free lecture for DVCTA & FCDA members

\$10 for nonmembers

Southern States Feed will have a booth

Refreshments will be available

RSVP Carol Swetlin

cbswet@aol.com

610-869-3318

**Sarah L. Ralston, V.M.D., Ph.D., D.A.C.V.N.** is Associate Director-Teaching with the Rutgers Equine Science Center and Associate Professor in the Department of Animal Sciences at Rutgers' School of Environmental and Biological Sciences specializing in equine nutrition. She has been a key faculty member with the Rutgers Equine Science Center since its inception.

The recipient of a Ph.D. from the University of Pennsylvania in 1982, Dr. Ralston received her VMD degree from its School of Veterinary Medicine in 1980. She earned her board certification from the American College of Veterinary Nutrition in 1989.

She occupied the Mark Morris Chair of Clinical Nutrition in the Department of Clinical Sciences at Colorado State University's School of Veterinary Medicine prior to joining Rutgers in 1989. She is an adjunct professor in the Department of Large Animal Medicine at New Bolton Center and has served on several regional and national committees, including the American College of Veterinary Nutrition board of directors; American Board of Veterinary Specialties and New Jersey Veterinary Medical Education Contract Program Advisory Committee. She is also on the advisory boards of *The Horse*, *Equine Practice* and *Journal of Equine Veterinary Science* and a frequent contributor to popular journals such as *Equus*, *Dressage Today* and *Practical Horseman*.

She has also served as consultant to many of the nation's leading producers of equine feeds, including Purina Mills, Inc., Nutrena and Blue Seal Feeds, and is currently on the equine advisory board of Wyeth-Ayerst Laboratories, Inc.

Dr. Ralston currently teaches undergraduate courses in Horse Management and Equine Nutrition and serves as an advisor to undergraduate students. She leads the Young Horse Teaching and Research Program at Rutgers. Her research is focused on glucose/insulin metabolism and developmental orthopedic disease in young horses with side interests in nutritional modulation of stress, metabonomics and pasture management.

**Carey A. Williams, Ph.D.** joined Rutgers University in July 2003 as its Equine Extension Specialist, taking an active role in teaching, conducting research and working with the equine and academic communities to ensure the viability of the horse industry in New Jersey.

A Wisconsin native, Dr. Williams earned her doctorate degree in animal and poultry sciences (with an emphasis on equine nutrition and exercise physiology) in June 2003 from Virginia Polytechnic Institute and State University. She holds a master's degree in equine nutrition, also from Virginia Tech, and a bachelor's degree from Colorado State University.

She has worked extensively at Virginia Tech as a Pratt Fellow in Equine Nutrition, has designed and conducted various research projects dealing with equine nutrition and exercise physiology and assisted in the breeding, care and feeding of approximately 100 horses. At Rutgers, Dr. Williams maintains a herd of Standardbred horses for exercise physiology research; more specifically how we can decrease the stress of intense exercise. She also works with agricultural agents within Rutgers Cooperative Extension and the Natural Resource Conservation Service to carryout equine pasture management initiatives.

She is a member of many associations, including the American Association of Veterinary Nutritionists, the Equine Science Society and is a Certified Animal Behavior Consultant for the International Association of Animal Behavior Consultants. As a hobby she trains and competes with her Thoroughbred mare at various regional dressage shows and horse trials.