



# News from New Bolton Center...

School of Veterinary Medicine  
UNIVERSITY OF PENNSYLVANIA

## 1997 - 1998 Schedule For New Bolton Center Public Lectures

**KENNETT SQUARE (Chester Co.)** — The University of Pennsylvania School of Veterinary Medicine will offer a series of six free lectures for the public throughout 1997-1998 at New Bolton Center (NBC) in Kennett Square, PA. All lectures begin at 7 p.m. and take place in the Woerner Amphitheater in the George D. Widener Hospital. Parking is free. Topics and dates are as follows: **Treatment and Prevention of Equine Foot Lameness**

**Thursday, December 4, 1997, 7 p.m. Mr. Rob Sigafos, Director of Farrier Services, NBC**

Researchers have developed ultra-high strength fabrics, extreme impact/shock resistant plastics, and super tough adhesives that are used in such diverse applications as body armor and jet fighter aircraft. How can these materials be used to benefit the equine athlete? The Applied Polymer Research Laboratory at New Bolton Center is dedicated to the research and

development of materials that can alleviate foot problems in horses. The laboratory has created high-tech, innovative shoes and treatments for many common and uncommon foot problems. Learn how adhesives distribute the load over the horse foot more evenly and why that is such a benefit. What are the possibilities for shock attenuating "cushioning" materials for the lame and the sound horse? Rob Sigafos, a Certified Journeyman Farrier has

been shoeing horses for over 20 years, and holds two patents for bonded shoes. He lectures and publishes extensively, and is an expert on structural hoof wall problems in horses.

**Preventative Medicine for Horses, the Basis for Establishing Effective Communication With Your Veterinarian**

**Thursday, February 5, 1998, 7 p.m. Peggy Marsh, DVM, Resident, Section of Medicine,**

**NBC**

Topics to be covered: common parasites and various deworming strategies, common diseases and the vaccinations used to provide protection, and suggestions for horse owners about setting up a preventative medicine program. A native Californian who grew up around horses and graduated in 1992 from the School of Veterinary Medicine University of California-Davis, Dr. Marsh has had the opportunity to work at a variety of referral equine practices around the country and Australia. She is currently in the residency program for large animal internal medicine at New Bolton Center.

**Ultrasound Examination of High Risk Pregnant Mares, What Can They Tell Us?**

**Thursday, March 26, 1998, 7 p.m. Dr. Virginia Reef, Virginia B. Reef, DVM, DACVIM, Professor of Medicine, Director of Large Animal Ultrasonography and Cardiology, Chief Section of Sports Medicine and Imaging, NBC**

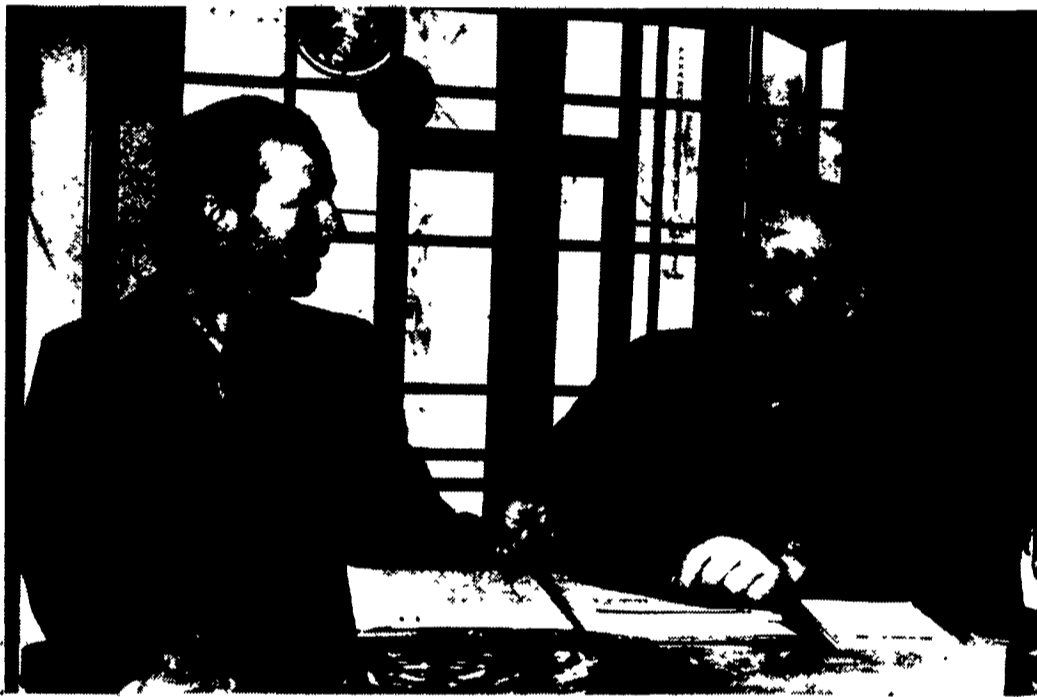
It has only been in the past decade that veterinarians have developed preventative care practices for pregnant mares. One way veterinarians have achieved this at NBC is to develop data for accurate biophysical profiles of mares and their fetuses through the use of ultrasonography. The value of being able to detect indicators of fetal distress in utero has long been recognized in human medicine. These profiles for the late term equine fetus indicate normal values for fetal size using aortic diameter, fetal heart rate and movement, utero placental thickness, quantities of the fluid filled sacs surrounding the fetus and twin discovery. Dr. Reef received her degree in veterinary medicine from Ohio State University and did her internship and residency at the School of Veterinary Medicine, University of Pennsylvania. Her primary area of research is equine cardiology and diagnostic ultrasonography. Dr. Reef is also the author of the first book on Equine Diagnostic Ultrasound published this year by W.B. Saunders in Philadelphia.

**Managing the Injured Horse - First Aid Principles Everyone Should Know**

**Thursday, April 16, 1998, 7 p.m. James A. Orsini, DVM, DACVS, Associate Professor of Surgery, NBC**

Marking the right decisions at the time of serious injury can save the life of your horse. The old adage of having to destroy a horse because of a severe orthopedic injury is not the case in the '90s. Owners play an important role in the emergency care of their horse. Dr. James A. Orsini states, "With the improvements in orthopedics during the last 20 years, many severely injured equine athletes and pleasure horses are being returned to a normal quality of life." Dr. Orsini received his degree in veterinary medicine from Cornell University and did his internship and residency training in surgery at the School of Veterinary Medicine, University of Pennsylvania. His primary areas of research include equine surgery and pharmacotherapy. He has a special interest in pediatric orthopedics. Dr. Orsini is the author of the book *Manual of Equine Emergency: Procedures and Treatment* which is the first published book by W.B. Saunders in Philadelphia on this subject. This book will serve as a reference for the horse owner and veterinarian alike. It is a must if you own a horse!

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