A Fun Day of Interactive Learning at the Dressage4Kids and Cummings School of Veterinary Medicine at Tufts University Open House

Dressage4Kids, Inc. and Cummings School of Veterinary Medicine at Tufts University (North Grafton, MA) co-sponsored an interactive day of learning on Saturday, April 13th. Over 100 attendees (divided quite evenly between youth and adults) were treated to a fun and interactive day of learning including presentations, a panel discussion, and hands-on learning opportunities.

Dr. Thomas Jenei, Director, Hospital for Large Animals at Cummings School of Veterinary Medicine at Tufts University, and Lendon Gray, Olympian and founder of Dressage4Kids, welcomed everyone to the event. The day began with presentations from veterinary staff, covering topics such as laceration and first aid; the equine eye; common skin tumors; lameness; and colic.



Dr. Joseph Davis "Horsing Around: Laceration First Aid"

Dr. Joseph Davis emphasized the importance of preparation in handling emergencies, urging attendees to know their veterinarians' contact information (including who covers emergency care), to have a first aid kit readily available, and to know that they have access to a trailer, even if an emergency occurs in the middle of the night.

Dr. Vanessa Yang discussed some of the unique aspects of equine vision and its implications for stable management and training. For example, a horse's visual field is up to 350°, but horses cannot see the color red. While a human might use the color red to make something stand out, that same color would not stand out to a horse.



Dr. Vanessa Yang "Seeing is Believing: Insights into the Equine Eye"



Dr. Amanda Prisk "Lumps, Bumps, and Horses – Oh My!: Common Skin Tumors in Horses and How we Treat Them

Dr. Amanda Prisk shared insights into common skin tumors in horses and discussed many of the therapeutic options now available to help minimize their impact, including surgical removal, local chemotherapy, cryotherapy, laser excision, and electrochemotherapy.

Dr. Claire Dixon highlighted the importance of recognizing early signs of colic and taking steps to take steps to try to prevent colic, including making sure your horse has access to clean, fresh water at all times and a forage-first diet. As part of her discussion, she presented The British Horse Society's **REACT** to Colic awareness campaign detailing some of the signs of colic including: **R**estless or agitated; **E**ating less or droppings reduced; **A**bdominal pain; **C**linical changes; **T**ired or lethargic.





Dr. Claire Dixon "REACT to Colic: When to be Worried and What to Do"

Dr. Stefanie Arndt provided an overview of lameness exams and what to expect during a lameness evaluation, including describing many of the diagnostic tools available to veterinarians. She explained to the audience to remember "Down on Sound". With a forelimb lameness, a horse will often nod its head up and down at the trot along with the beat (since the trot is a gait with 2 beats) – the head will go down when the leg that is sound is hitting the ground (down on sound) and the head will go up when the leg that is sore is hitting the ground – so remember "Down on Sound"!

Following the morning presentations, vet students Abigail Flynn and Natalia Aley were joined by Dr. Martha Barbone and Lisette Cabral, along with moderator Lendon Gray, to answer questions from the audience about their experiences and advice for aspiring veterinary professionals. Audience members asked questions like "how hard did you have to study to become a vet student/vet tech"; "what is a typical day like for you"; "what advice do you have for those interesting in pursuing a career in equine medicine"; and "why did you choose Cummings School of Veterinary Medicine at Tufts University?"



After the morning presentations and panel discussion, participants had a chance to move to more handson learning in the Large Animal Hospital where rotations included gastroscopy, endoscopy, imaging, ultrasound, lameness, dentistry, and bandaging and injections.



Demo horse for lameness evaluation



Participants learn about lameness evaluation with Dr. Stefanie Arndt



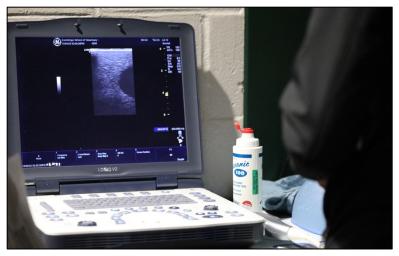
Equine dentistry with Dr. Fionna Lehmann



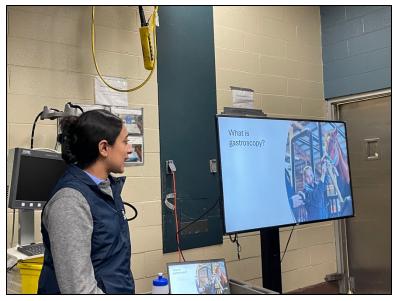
Demo model for equine dentistry



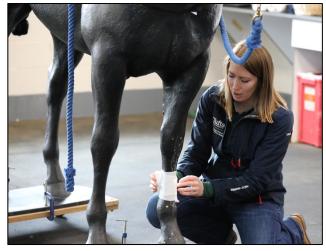
Imaging with Dr. Martha Barbone



Ultrasound demo with Shelby Mardirosian



Gastroscopy with Dr. Ananya Mahalingam-Dhingra



Bandaging practice on model horse with Lisette Cabral



Learning about IM Injections on model horse with Dr. Heather McCrary

The event was a collaborative effort between Dressage4Kids and Cummings School of Veterinary Medicine at Tufts University, aimed at providing educational opportunities for equestrians and veterinary enthusiasts. Many thanks to all those who helped organize the event!

About Dressage4Kids

Dressage4Kids[™] is a non-profit 501c3 organization incorporated for the express purpose of providing educational and competitive opportunities for youth riders and the adults who support them. For more information, go to <u>www.dressage4kids.org</u>.

About Cummings School of Veterinary Medicine at Tufts University

Cummings School of Veterinary Medicine at Tufts University Doctor of Veterinary Medicine (D.V.M.) program allows students to explore a full range of career pathways, including research, industry, international veterinary medicine, public health, and animal welfare, ethics, and policy. Seven teaching hospitals and clinics care for more than 100,000 animals annually. Students are part of care teams where large caseloads provide excellent learning opportunities in primary care, herd health, and advanced specialty care for companion animals, exotic and zoological species, small ruminants, and horses. With a commitment to One Health, Tufts has been contributing to the advancement of veterinary medicine, animal and human health, and research for nearly 50 years. For more information, go to www.vet.tufts.edu.