

2023 Winter Continuing Education Conference



Saturday, February 4, 2023
Pet Friendly! The DoubleTree by Hilton
870 Williston Road
South Burlington, VT

OVERVIEW and SCHEDULE

Come early and earn 1 extra CE credit FREE! Pre-Registration required. Please note: the free CE programs will not be available on-demand.

- **Complying with DEA regulations**

7:45-8:45 a.m.

Chris Paquette, Diversion Investigator, DEA
Taylor Johnson, Diversion Investigator, DEA

Or

- **How Sequencing-based Liquid Biopsy for Dogs is Changing the Cancer Conversation**

7:45-8:45am

Dr. Lauren DiMarzio
PetDX Medical Affairs

Small Animal: 6 CE hours

Companion Animal Behavior – Dr. Pamela Perry, DVM, PhD, Senior Veterinary Behavior Resident at Cornell University Hospital for Animals.

Large Animal - Bovine: 6 CE hours

Integrating physiology and technology for designing effective reproductive management programs for lactating dairy cows and heifers - Dr. Julio Giordano, DVM, PhD, College of Agriculture and Life Sciences, Cornell University.

Large Animal – Equine: 6 CE hours

4 hours – Equine Endocrinology Update and Tick-borne Diseases - Dr. Toby Pinn-Woodcock, DVM, Cornell University Animal Health Diagnostic Center

2 hours – Equine Vaccine Commercialization: Truth or Hype; and A Practical Approach to Streptococcal Disease Prevention and Management - Dr. Rob Keene – DVM,
Technical Manager Equine – Boehringer-Ingelheim

SATURDAY, FEBRUARY 4, 2023

7:15– 9:00 a.m. – Welcome desk open, continental breakfast available

Early Morning Program –there is no additional charge for the early morning program but you must register in advance. These programs are only available to conference registrants.

7:45 – 8:45 a.m. – Complying with DEA Regulations
FREE! Earn 1 practice management CE credit hour

**Presented by DEA Diversion Investigators Christopher Paquette and Ed Smith. Participants will learn about recordkeeping and security, the ins and outs of the Veterinary Drug Mobility Act, and DEA registration. New this year will be information on how to properly dispose of controlled substances, in both liquid and pill form.

7:45 – 8:45 a.m. – How Sequencing-based Liquid Biopsy for Dogs is Changing the Cancer Conversation by Dr. Lauren DiMarzio, DVM, PetDX

FREE! Earn 1 CE credit hour

- Examine how canine cancer currently comes to our clinical attention
- Determine the most appropriate age to initiate cancer screening in an individual dog based on their breed or weight
- Clinical validation of a next-generation sequencing-based blood test in over 1000 dogs for detection of 30 different cancer types
- Real-world case studies demonstrating the use of liquid biopsy in clinical practice

Dr. DiMarzio works within the PetDx® Medical Affairs team to educate veterinary professionals and organizations on non-invasive testing solutions for the early detection of cancer in pets.

In addition to general veterinary practice in Pennsylvania and Massachusetts, Dr. DiMarzio managed sales territory in Massachusetts for Hill's Pet Nutrition and served as a sales executive for Anivive.

She earned a Doctor of Veterinary Medicine from The Cummings School of Veterinary Medicine at Tufts University; Dr. DiMarzio has also volunteered for Not One More Vet and The Hundred Cat Foundation. She lives in Massachusetts with her husband and their dog, Maple, and enjoys skiing, mountain biking, rock climbing and playing the drums.



SMALL ANIMAL TRACK- 9:00 – 4:30 6 CE Credits

Behavior

Dr. Pamela Perry, DVM, PhD, Cornell University

- Anxiety, fears, and phobias
- Canine Aggression
- Feline Aggression
- Behavior in General Practice (low stress handling)
- Psychopharmacology
- Feline Elimination Problems

Dr. Perry earned her DVM and PhD from Cornell University; her graduate research evaluated the effects of enrichment on the behavior, welfare, adoptability, and retention of shelter dogs. She has lectured extensively on animal behavior and welfare topics, and currently is a Senior Veterinary Behavior Resident at Cornell University Hospital for Animals, a Behavior Consultant for the Cornell Feline Health Center Camuti Consultation Service, and the instructor for two courses in small animal behavior at the NYS College of Veterinary Medicine. She also conducts behavior consultations at Peak Veterinary Referral Center in Williston, VT.



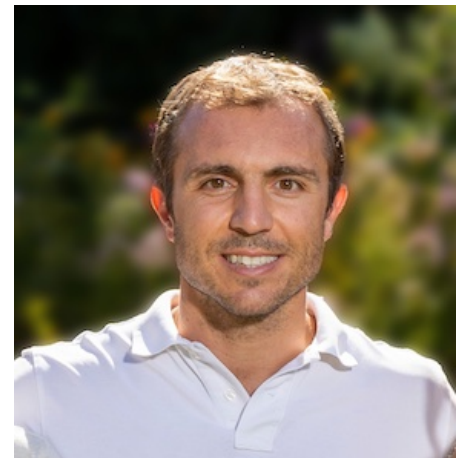
LARGE ANIMAL TRACK – BOVINE - 9:00 – 4:30 6 CE Credits

Integrating Physiology and Technology for Designing Effective Reproductive Management Programs for Lactating Dairy Cows and Heifers

Dr. Julio Giordano, DMV, MS, PhD – Associate Professor, Cornell University

- Vet school deja vu: practical repro physiology with emphasis on estrus and synchronization of ovulation
- Optimizing first service management and performance with fertility programs and targeted management strategies
- Using cow physiology for designing effective re-breeding programs
- Reducing the economic burden of the replacement heifer enterprise through reproductive management

Dr. Giordano is the director of the Dairy Cattle Biology and Management Laboratory at Cornell University and an Associate Director of the Cornell Institute for Digital Agriculture (CIDA). Dr. Giordano's research focuses on the development, implementation, and evaluation of technology for dairy production systems. The overarching goal of his research program is to integrate concepts of animal biology, farm management, engineering, and data-analytics for enhancing the reproductive performance, health, and profitability of dairy cattle. Dr. Giordano's group has pioneered research with dairy cattle reproductive biology and health, precision technologies, automation of management tasks, and development of data-driven solutions for dairy herd management. Specific research are: (1) creating, implementing, and evaluating devices for automation of reproductive and health management of cattle, (2) developing novel data-driven reproductive and health management programs based on integrated data, and (3) evaluating the performance of precision technologies for health and reproductive monitoring of cattle in commercial dairy farms. Ultimately, Dr. Giordano's research group strives for transforming dairy production systems through a better understanding of cow biology and implementation of technology.



LARGE ANIMAL TRACK – EQUINE - 9:00 – 4:30 6 CE Credits

Equine Vaccine Commercialization; Strangles – 2 hours

Dr. Rob Keene, DVM – Professional Services, Boehringer-Ingelheim

- Vaccine approval process and online information from the USDA
- Immunology review and limitations in vaccine approaches to disease prevention
- Understanding diagnostic tools to disease diagnosis
- Understanding industry approaches to post approval marketing and sales strategies
- Understanding current consensus regarding streptococcal disease management in horses
- Complete understanding of diagnostic tools available for managing strep equi in horses
- Understanding the reasonable expectations of prevention and management strategies for streptococcus infections
- How to approach resolving biologic risk to strep equi in equine populations, post outbreak

Rob Keene, DVM joined the BIVI in 2008 in the role of Professional Services Veterinarian. He provides technical and sales support to our equine customers across the country and has more than 35 years of experience in practice and industry. Dr. Keene received his undergraduate degree in Animal Science from Montana State University in 1980. He attended veterinary school at Colorado State University and graduated in 1983. He began his practice career in California in an exclusive equine practice, focusing on herd health, reproduction and surgery.

Since 1985, Dr. Keene has served as a consultant and technical services veterinarian for many veterinary and research companies during his career. Rob serves on the advisory board for the equine sciences program at Montana State University and participated on various committees of the American Association of Equine Practitioners. Rob works primarily in the United States on behalf of Boehringer-Ingelheim and lives in Three Forks Montana.



Equine Endocrinology Update – 4 hours

Dr. Toby Pinn-Woodcock, DVM – Assistant Clinical Professor, Cornell University

Equine Endocrinology and Tick-borne Diseases

- Equine Endocrinology Update
- Equine Neuromuscular Disorders Associated with Vitamin E Deficiency
- Equine Tick-borne Disease Update
- Diagnostic Tips and Tricks for Equine Practice

Dr. Pinn-Woodcock received her DVM from the University of Wisconsin – School of Veterinary Medicine. She completed a Large Animal Internal Medicine Residency in 2012 at Cornell University. Dr. Pinn-Woodcock is a Diplomate, American College of Veterinary Internal Medicine (Large Animal). She has worked in both academic and clinical settings in both New York and Vermont.



Registration Fees

Includes breakfast, lunch, breaks and parking

If you'd like to join the VVMA and receive the reduced Member registration rate, call us at 802-878-6888 or join online at vtvets.org

| | Register by 1/20/23 | Register 1/21-2/3/23 |
|--------------------------------|---------------------|----------------------|
| Members | \$250 | \$275 |
| Lifetime Members; Recent Grads | \$200 | \$225 |
| Non-member Veterinarians | \$350 | \$385 |
| Non-Veterinarians | \$200 | \$225 |
| Retired (Use Discount Code) | \$200 | \$225 |
| Printed Speaker Notes | \$10 | \$10 |

Accommodations

The VVMA has a block of rooms at The DoubleTree by Hilton at a **special rate of \$139.00 plus tax**. The DoubleTree is **PET FRIENDLY**, has free parking, and is within easy driving distance (less than 10 minutes) of downtown Burlington shops and restaurants. **This reduced rate is available on a limited number of rooms and the deadline for reservations expires on January 12, 2023.** The special rate is good for 2 days prior to and 2 days after the conference. Reservations can be made by calling their Central Reservations line at 802-865-6600 and mention the VVMA to get the special rate. You can also make your reservations online. Here is the link to the hotel for reservations:

<https://www.hilton.com/en/attend-my-event/vermont-vet-med-assoc/>

Refund Policy

By January 22, a full refund minus a \$25 per person processing fee. After January 22, a 50% refund. No refunds will be given after February 3. No credits will be given for future registrations however if you are feeling ill on the day of our in-person conference, we will do our best to change your registration to on-demand.

CE Certificates

Certificates confirming your participation in the CE program will be provided in a digital format and will be emailed to you the week after the conference concludes. If you need a paper copy, please let us know and we will include it in your registration packet on site. Please note that we will also include a transcript in your CE locker on the VVMA website.

Questions? Call VVMA Executive Director Linda Waite-Simpson at 802-878-6888 or email linda@vtvets.org.

We look forward to seeing you at our Winter Meeting!

Thank You Sponsors for your Generosity

Platinum Sponsors

LifeLearn Animal Health- Small Animal Program



Boehringer-Ingelheim – Equine Program



Bronze



Exhibit Hall – Thank You Exhibitors!

Hours: Saturday 7:30 am – 4:30 pm



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 The DoubleTree by Hilton
 870 Williston Road
 South Burlington, VT

Name _____
 (One form per person, please make copies)

Name of Practice _____

Address _____

City/State/Zip _____

Email for confirmation and for sending speaker notes _____

Please note any dietary restrictions and we will do our best to accommodate them at lunch: _____

Check program attending:

- Small Animal: Behavior
- Large Animal: Bovine – Theriogenology
- Large Animal: Equine – Epidemiology and tic-borne diseases; Strangles

Free early morning CE (select one):

- Complying with DEA regulations (1 hour Practice Management credit)
- Sequencing – Canine Cancer (1 hour CE credit)
- None

Registration Fees – If mailing your registration, please ensure that your registration is postmarked sufficiently early to arrive at our office by February 3. Alternately, you can email this form to linda@vtvets.org.
(Includes breakfast, lunch, a.m./p.m. breaks and parking. Speaker notes will be emailed to registrants the week prior to the CE. Printed copies can be purchased below.)

| | Register by 1/20/23 | Register 1/21-2/3/23 |
|--------------------------------|---------------------|----------------------|
| Members | \$250 | \$275 |
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Payment: \$_____total Check Enclosed Credit Card

Credit Card#: _____ security code: _____ Exp. Date: _____
3-digit

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