

2017 / 2018

PROFESSIONAL DEVELOPMENT SERIES

CVMA
Colorado Veterinary
Medical Association



EXCEPTIONAL LEARNING, EXCEPTIONAL MEDICINE

The CVMA Professional Development Series (PDS) provides an outstanding lineup of learning experiences to enhance your knowledge of biomedical science. Nationally recognized speakers will take you on a “deep dive” into each topic as they discuss recent advances in veterinary medicine – PLUS the tips you need to apply this knowledge tomorrow!

PDS offers six essential topics in clinical education, featuring case-based, interactive sessions with experts sharing their experience and insights. Attend the entire series for the highest value, or select specific programs that suit your needs and schedule.

Each session is presented over 5 hours on a Wednesday afternoon and is suitable for veterinarians and veterinary technicians.

Tap the top minds in veterinary medicine. Don't delay – enroll in CVMA PDS today!

2017/18 series topics:

Neurology • Oncology • Dermatology
Behavior • Canine Genome • Radiology



***Choose from 30 hours of exceptional continuing education!
Choose our subscription package and register by July 28, 2017
to save more than \$650 over the individual seminar rate!***

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THANKS TO OUR PARTNERS!

CVMA thanks the following early-bird sponsors for their support of the 2017/2018 PDS. Their sponsorship allows us to present the highest-quality programs at the lowest possible cost. Please visit with each sponsor during the education session breaks.

Presenting Sponsor



Hosting Sponsor



Supporting Sponsors



CE-AT-A-GLANCE

5 CE hours per education session - Wednesday, 1:00-6:00 PM

2017

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|--------------------|--|---|
| September 6 | Seizures, Vestibular Dysfunction, Spinal Pain & Gait Abnormalities, Oh My! How to Tackle Common Neurological Conditions in Small Animal Patients
<i>Christopher L. Mariani, DVM, PhD, DACVIM (Neurology)</i> |  CapitalSource |
| October 18 | What's New in Veterinary Oncology: An Update on Novel Diagnostics and Treatments for Dogs and Cats with Cancer
<i>Jenna Burton, DVM, MS, DACVIM (Oncology)</i> |  |
| November 8 | Practical Approaches to the Common Skin and Ear Problems in Veterinary Practice
<i>James O. Noxon, DVM, DACVIM (SAIM)</i> |  |

2018

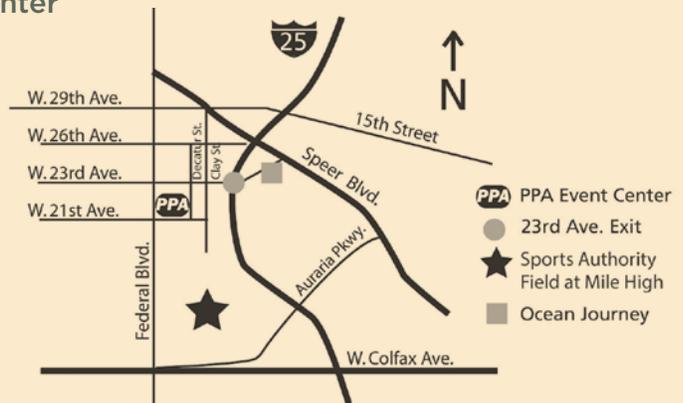
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| February 14 | Lost in a Sea of Psychopharmaceuticals? Start Here!
<i>Christopher Pachel, DVM, DACVB</i> |  |
| March 14 | The Canine Genome, Breed-Specific Variants, and the Clinical Use of Genetic Information
<i>Patrick Venta, PhD</i> | |
| April 11 | Radiology and Ultrasound in 2017: 50 Shades of Gray (Actually Just 5)
<i>Anthony J. Fischetti, DVM, MS, DACVR</i> |  |

GETTING THERE

All sessions are conducted at the PPA Event Center

PPA Event Center
 2105 Decatur Street
 Denver, CO 80211

Parking is free!



SESSION CONTENT / SPEAKER BIOGRAPHIES

SEPTEMBER 6, 2017

**Seizures, Vestibular Dysfunction, Spinal Pain & Gait Abnormalities, Oh My!
How to Tackle Common Neurological Conditions in Small Animal Patients****Christopher L. Mariani, DVM, PhD, DACVIM (Neurology)***Associate Professor of Neurology & Neurosurgery
North Carolina State University, Raleigh, NC**Sponsored by*

This session will focus on developing effective diagnostic and therapeutic plans for common neurological conditions seen in dogs and cats. The emphasis will be on practical skills and techniques appropriate for veterinarians in general small animal practice. A variety of video case examples and clinical images (particularly radiographs) will be used to illustrate these concepts in an interactive and collaborative format.

SESSION TAKE-AWAYS:

- Develop effective diagnostic and therapeutic plans for routine and difficult-to-control epileptic patients.
- Identify the different causes of vestibular dysfunction and effectively diagnose and treat these patients.
- Distinguish orthopedic and neurologic causes of gait abnormalities.
- Discover the different causes of spinal pain in small animals and distinguish these using radiographs and other diagnostic tests.



Dr. Chris Mariani graduated from the Ontario Veterinary College in 1996. He completed a rotating small animal internship at Michigan Veterinary Specialists, followed by time as an associate veterinarian in Beverly Hills, Michigan. He completed a residency in neurology and neurosurgery at the University of Florida, followed by graduate work in brain tumor immunotherapy at the College of Medicine. Dr. Mariani is a diplomate of the American College of Veterinary Internal Medicine (Neurology subspecialty). His professional interests include epilepsy, inflammatory brain disease, and brain tumor therapy, and he currently directs the Comparative Neuroimmunology and Neurooncology Laboratory at North Carolina State University.

OCTOBER 18, 2017

**What's New in Veterinary Oncology: An Update on Novel Diagnostics
and Treatments for Dogs and Cats with Cancer****Jenna Burton, DVM, MS, DACVIM (Oncology)***Assistant Professor of Clinical Oncology
Department of Surgical and Radiological Sciences
University of California, Davis, CA**Sponsored by*

Cancer diagnosis and treatment in dogs and cats is a rapidly evolving field. This session will review the application of diagnostic and staging tests and discuss novel treatment options for canine and feline cancers commonly encountered in general practice. This case-based discussion will include the use of molecular diagnostics to guide treatment decisions for mast cell tumors and lymphoma and focus on newly developed therapies for veterinary cancer patients, including tyrosine kinase inhibitors and immunotherapies.

SESSION TAKE-AWAYS:

- Explore the use and clinical application of molecular diagnostics for mast cell tumors and lymphoma.
- Understand the relevant staging diagnostics for cancers commonly encountered in practice.
- Assess the possible benefits and risks of novel veterinary cancer therapies for dogs and cats with cancer.



Dr. Jenna Burton received her DVM from The Ohio State University in 2006. She completed a small animal medicine and surgery internship in 2007 and four-year oncology residency and master's degree in 2011 at Colorado State University. Dr. Burton remained on faculty at CSU to oversee the Flint Animal Cancer Center Oncology Clinical Trials program for several years until joining the faculty at the University of California, Davis School of Veterinary Medicine in 2014. She is currently an assistant professor of clinical medical oncology and associate director of the Veterinary Center for Clinical Trials at UC Davis.

SESSION CONTENT / SPEAKER BIOGRAPHIES

NOVEMBER 8, 2017

Practical Approaches to the Common Skin and Ear Problems in Veterinary Practice James O. Noxon, DVM, DACVIM (SAIM)

Morrill Professor and Dermatology Section Leader | Hixson-Lied Small Animal Hospital
Iowa State University, Ames, IA

Sponsored by



In this session, we will discuss practical, useful applications to improve your skills and make the practice of dermatology and otology enjoyable. We will focus on managing allergy (i.e., itchy dogs) and otitis externa. In the process, we will discuss diagnostics, treatment options, and the long-term management of your patients to minimize relapse and recurrence.

SESSION TAKE-AWAYS:

- Discover the best approach to the (presumably) allergic patient and patient with otitis.
- Learn to describe and list the treatment options for atopic dermatitis and the best practices for each of those options.
- Understand the proper time to perform cytology and cultures on ears, interpret the results, and make appropriate treatment recommendations.



Dr. Jim Noxon received his DVM from Colorado State University in 1976 and spent two years in a small animal practice in Denver. He is currently a Morrill Professor (distinguished professorship in teaching) in the Department of Veterinary Clinical Sciences at Iowa State University. Dr. Noxon is a Diplomate of the American College of Veterinary Internal Medicine and past president of the American Academy of Veterinary Dermatology. He has received numerous teaching awards and was the 2015 recipient of the American Academy of Veterinary Dermatology's Frank Král Award for Achievement in Veterinary Dermatology.

FEBRUARY 14, 2018

Lost in a Sea of Psychopharmaceuticals? Start Here! Christopher Pachel, DVM, DACVB

Owner, Veterinary Behaviorist
Animal Behavior Clinic, Portland, OR

Sponsored by



This presentation will use clinical cases to walk participants through the process of deciding whether medication use is appropriate for behavior cases, and how to make educated decisions between options. In addition to the use of single pharmaceuticals such as fluoxetine and alprazolam, other treatments such as nutritional therapy, supplement use, herbal therapies, and combination therapies will be discussed.

SESSION TAKE-AWAYS:

- Evaluate a clinical case for suitability of medication use.
- Understand pros/cons of each option and differences between medication classes and other treatment options.
- Provide appropriate information to clients on how to monitor response to treatment, including timelines and overall efficacy.



Dr. Christopher Pachel received his veterinary degree from the University of Minnesota in 2002 and became board certified by the ACVB in 2010. He previously operated a housecall behavior practice in the Minneapolis-St. Paul area, and is now the owner and lead clinician at the Animal Behavior Clinic in Portland, Oregon. Dr. Pachel lectures regularly throughout the U.S. and Canada, has taught courses at the University of Minnesota and at the Virginia Maryland Regional College of Veterinary Medicine, and has authored several articles and book chapters on topics such as inter-cat aggression and pet selection for animal assisted therapy.

SESSION CONTENT / SPEAKER BIOGRAPHIES

MARCH 14, 2018

The Canine Genome, Breed-Specific Variants, and the Clinical Use of Genetic Information**Patrick Venta, PhD***Associate Professor, College of Veterinary Medicine
Michigan State University, East Lansing, MI*

Learn about the world of canine genomics and heritable genomic differences that can cause pathological conditions in dogs. The nature of the underlying variants will be explained and how they sometimes become relatively common in some breeds. Find out how genetic tests are conducted and how to use the information for clinical decisions and for counseling clients on how to use the information for their pets. Specific conditions (e.g., ivermectin sensitivity, von Willebrand disease) will be used as examples to show how the information has relevance in the clinic.

SESSION TAKE-AWAYS:

- Understand how genetic tests are performed and how to interpret results.
- Know how to access genetic tests.
- Learn how to counsel clients once tests results are available.



Dr. Patrick Venta received his PhD in human genetics from the University of Michigan in 1983. He became a faculty member in the College of Veterinary Medicine at Michigan State University in 1990. Since that time he has worked in the area of domestic animal genetics, with a major focus on dogs. He helped to discover the molecular basis of heritable conditions in dogs such as von Willebrand disease, progressive retinal atrophy, copper toxicosis, as well as coat color and hair length.

APRIL 11, 2018

Radiology and Ultrasound in 2017: 50 Shades of Gray (Actually Just 5)**Anthony J. Fischetti, DVM, MS, DACVR***Service Head, Department of Diagnostic Imaging
Animal Medical Center, New York, NY*

Sponsored by



We will begin with a review of basic concepts in radiographic interpretation, followed by a discussion on the variants of normal seen in everyday practice (bulldog thorax anyone?). A good portion of the day will focus on getting a confident handle on radiographic interpretation of lung diseases (remember lung patterns?) and GI diseases (differentiating mechanical obstructions from enteritis!). Each abnormality will stress how radiographs provide an important initial differential diagnosis, but how other modalities (mostly ultrasound, including the aFAST and tFAST) can be used to narrow the differential.

SESSION TAKE-AWAYS:

- Learn why distribution (or location) of a lung pattern is more important than the actual lung pattern.
- Understand why two populations of small intestine (distended versus non-distended) is the most important radiographic finding needed to diagnose mechanical obstruction of the GI tract.
- Discover how to become proficient in ultrasound through patience and practice every day.



Dr. Anthony Fischetti is the Department Head of Radiology at the Animal Medical Center in New York City. A native New Yorker, Dr. Fischetti received his training at Cornell University (DVM), University of Pennsylvania (internship), and The Ohio State University (MS and residency). He is a member of executive council for the American College of Veterinary Radiology and is the residency supervisor for AMC's Diagnostic Imaging Residency. He teaches over 40 residents and interns each year and enjoys speaking nationally and internationally on various topics in veterinary imaging. His recent clinical research interests include cardiac MRI for pericardial effusion and cardiac masses in dogs.

PARTICIPATION DETAILS

Continuing Education Credits

Maximum credit hours available for the series - 30 credit hours

Veterinarians are responsible for keeping records of the courses they attend for submission to the State Board of Veterinary Medicine. A sign-in sheet will be provided at the registration desk for each education session. The original sign-in sheets are kept at the CVMA office as proof of attendance and credits are entered into a member's database record. CVMA members may contact the CVMA office to obtain verification of the number of CE hours completed through the Professional Development Series at any time.

You must earn 32 hours of CE credit in each licensing period to renew your Colorado license. Questions about your Colorado license should be directed to the State Board of Veterinary Medicine at 303.894.7755 or <https://www.colorado.gov/pacific/dora/Veterinary>.

All approved education is accepted for continuing education credit with the Colorado Association of Certified Veterinary Technicians (CACVT) for certified veterinary technicians. CVTs should retain completed forms and follow CACVT guidelines for reporting, available at www.CACVT.org.

Event Reminders

Event promotion reminders are e-mailed prior to each offering. Please add your correct e-mail address to the registration form. If you have questions about reminders, please contact Kristin Payne at the CVMA office 303.318.0447 or KristinPayne@colovma.org.

Special Needs

Please inform the CVMA office of your particular needs prior to your attendance at each event so we can help make the programs as convenient for you as possible.

REGISTRATION INFORMATION

Registration is convenient and easy! Use the registration form on pages 9-10 or visit our website at www.colovma.org to register online. **CVMA members must log in when registering online in order to receive maximum discounts.** A confirmation of your registration information will be sent to you via e-mail. Please check your confirmation carefully and advise CVMA staff immediately of any changes and/or discrepancies.

Return your registration form to CVMA:



By Mail
CVMA
191 Yuma Street
Denver, CO
80223



By Fax
303.318.0450



By E-mail
SamanthaHoyt@colovma.org

REGISTRATION OPTIONS

Registration includes:

- Admittance to education session(s)
- Session notes, as supplied by speaker
- Light refreshments during the afternoon break
- Complimentary parking
- Up to 30 hours of continuing education credit



Purchase the full series (6 sessions) or design your own package!

3 purchase options to choose from:

- 1. Hospital subscription** - includes all six education sessions and a group total of 30 hours of education that can be authorized for two or more employees.
- 2. Individual subscription** - includes all six education sessions for a total of 30 hours of education for one authorized individual.
- 3. Individual session(s) purchasing** - tailor your own package - purchase one at a time or any combination of two or more sessions for one authorized individual.

1. Hospital Subscriptions

- Hospital subscriptions may be registered in the name of the hospital/clinic and can be purchased by CVMA members at the member discounted rate or by non-members at the higher non-member rate.
- A list of identified individuals from the practice who are authorized to share the hospital subscription must be provided. Each individual authorized to share the subscription must be a CVMA member otherwise subscription will be charged at the higher non-member rate.
- Each subscription equals a group total of 30 hours of education and can be divided up between the six sessions however the practice prefers. Any hospital that exceeds the 30 hours allowed per subscription will be invoiced at a cost of \$125 per person per additional session.
- More than one subscription can be purchased per hospital/clinic.
- Unused hours are non-refundable and may not be carried over to the following year. Refunds are not issued to no-shows.

2. Individual Subscription

- Individual subscriptions may be purchased by CVMA members at the member discounted rate or by non-members at the higher non-member rate.
- Each subscription equals a total of 30 hours of education. Individual subscriptions or a session within a subscription may not be transferred to another person.
- Unused hours are non-refundable and may not be carried over to the following year. Refunds are not issued to no-shows.

3. Individual Session(s) Purchasing

- Individual sessions may be purchased by CVMA members at the member discounted rate or by non-members at the higher non-member rate.
- Registration may not be transferred to another person or education session. Refunds are not issued to no-shows.
- Onsite registration is accommodated on a space-available basis.

Cancellation Policy

All cancellations must be submitted in writing to the CVMA office, 191 Yuma Street Denver, CO 80223-1205, by fax 303.318.0450, or email to SamanthaHoyt@colovma.org.

• For subscription registrations:

Cancellations received more than 21 days prior to the date of the first education session (September 6, 2017) will receive a full refund minus a \$50 processing fee. No refunds will be granted within 21 days of the first education session in the series.

• For individual session registrations:

Cancellations received more than 21 days prior to the program start date will receive a full refund minus a \$50 processing fee. No refunds will be granted within 21 days of the start of the individual session.

Questions?

Contact us at **303.318.0447**

REGISTRATION FORM

Registration rates are based on CVMA membership level. Members, please log in at www.colovma.org when registering online to receive your maximum discounts.

For fast and accurate service, please list your contact information using black ink and legible penmanship.

Name of Registrant DVM VMD CVT Other

Hospital / Clinic

Mailing Address City State Zip Code

Business / Mobile Phone E-mail Address

Yes, I would like to become a CVMA member/renew my membership and begin enjoying member discounts and benefits! Please have a staff member contact me to complete a membership application or assist with online renewal. Membership year is January 1-December 31, 2017.

Register by July 28, 2017 and save over \$650 from individual session rate!

Hospital Subscription (all 6 sessions)

Number of Subscriptions: One Two Three

	By 7/28/2017	After 7/29/2017
CVMA Member	\$695	\$795
Non-Member	\$1,095	\$1,195

Authorized staff for subscription:

(All authorized staff must be CVMA members to receive this special CVMA discounted rate)

- 1) _____ 4) _____
- 2) _____ 5) _____
- 3) _____ 6) _____

Total Hospital Subscription Payment \$ _____

Individual Subscription (all 6 sessions)

	By 7/28/2017	After 7/29/2017
CVMA Member	\$695	\$795
Non-Member	\$1,095	\$1,195
Veterinary Technician / Student	\$379	\$429

Total Individual Subscription Payment \$ _____

(Continued on back)

REGISTRATION FORM *(continued)*

Registration rates are based on CVMA membership level. Members, please log in at www.colovma.org when registering online to receive your maximum discounts.

Individual Session Purchase

	PREMIUM	CORE	BASIC	NON-MEMBERS
CVMA Member	\$225	\$235	\$259	
Non-Member				\$325
Veterinary Technician / Student				\$95

Premium Members - using your education coupon? Original coupon must accompany registration form and be mailed together to CVMA.

- September 6, 2017 Seizures, Vestibular Dysfunction, Spinal Pain & Gait Abnormalities, Oh My! How to Tackle Common Neurological Conditions in Small Animal Patients \$ _____
- October 18, 2017 What's New in Veterinary Oncology: An Update on Novel Diagnostics and Treatments for Dogs and Cats with Cancer \$ _____
- November 8, 2017 Practical Approaches to the Common Skin and Ear Problems in Veterinary Practice \$ _____
- February 14, 2018 Lost in a Sea of Psychopharmaceuticals? Start Here! \$ _____
- March 14, 2018 The Canine Genome, Breed-Specific Variants, and the Clinical Use of Genetic Information \$ _____
- April 11, 2018 Radiology and Ultrasound in 2017: 50 Shades of Gray (Actually Just 5) \$ _____

Total Individual Session(s) Payment \$ _____

GRAND TOTAL Payment \$ _____

Payment Information

Check enclosed (payable to CVMA) **OR** Charge to my VISA MasterCard Discover AmEx

Account Number _____ Expiration Date _____ Security Code _____

Full Billing Address for Card _____ City _____ State _____ Billing Zip Code _____

Name as it Appears on Card _____ Signature _____

Neither seating nor session notes is guaranteed for onsite registrants. Cancellations are to be submitted in writing within 21 days of the start of the series (subscriptions) or the date of the session (individual registrations) for a refund minus \$50 processing fee. No refunds for cancellations within 21 days or for no-shows.

FAX: 303.318.0450 MAIL: CVMA, 191 Yuma Street, Denver, CO 80223 EMAIL: SamanthaHoyt@colovma.org

INDIVIDUAL SESSION PRICING INFORMATION

Individual session registration rates are based on CVMA membership level - PREMIUM, CORE, or BASIC.

PREMIUM MEMBERSHIP

is designed with practices in mind! Register one veterinarian for the Premium membership rate and each additional veterinarian in the practice receives the discounted Core membership rate (\$323 each). When registering for education, identify your membership type and pay the corresponding rate.

Plus, one Premium membership provides a practice with a \$100 discount on any education offering and a 10% discount on CVMA convention registration for all practice members attending convention.

CORE MEMBERSHIP

delivers the full array of the benefits members have come to know from CVMA, including the printed VOICE magazine, complimentary education offerings like BIG Ideas Forum, and discounts on performance resources and tools. If you

received discounted membership in the past (e.g. Affiliate, Retired, Recent Grad, etc.) those discounts can still be found through Core membership!

BASIC MEMBERSHIP

provides an entry into the CVMA community primarily through online services and connects you to the benefits of CVMA's efforts in shaping public policy. Basic membership offers discounts on education offerings, though it will not be as high of a discount as Premium and Core members receive.

Join/Renew Today

KaraBasinger@colovma.org
303.539.7275

CVMA PROFESSIONAL EDUCATION COMMITTEE

It is only with the efforts of involved CVMA members such as these that CVMA is able to continue its commitment to continuing education excellence:

CVMA Professional Education Committee

Dr. Melissa Tasky, Gentle Touch Animal Hospital, *Chair*

Dr. Mark Howard, Alameda Veterinary Clinic

Dr. Janet Lori, Animal Emergency & Specialty Center

Dr. Curtis Probst, Animal Emergency & Specialty Center

Dr. Brett Sargent, Front Range Veterinary Clinic

Dr. Kelley Van Scoyk, Front Range Veterinary Clinic

CVMA 2017/2018 Events



CVMA Convention 2017

September 21-24, 2017
in Loveland



CVMA CE Equine

December 7, 2017
in Franktown



CVMA CE Southwest

October 14-15, 2017
in Durango



SkICE 2018

January 28-31, 2018
in Vail



CVMA BIG Ideas Forum | Fall

October 20-21, 2017
in Beaver Creek