



DAVMS   
Veterinary  
Learning Institute

# 11/12 LEARNING OPPORTUNITIES

PROFESSIONAL DEVELOPMENT LECTURE SERIES • SKI CE AT VAIL

44 HOURS OF EXCEPTIONAL AND CONVENIENT EDUCATION EXPERIENCES

*Act today! The 2011/2012 Series begins September 7th.*

# WELCOME TO VLI



*Choose from  
44 hours of  
exceptional CE*

## WHAT IS VLI?

DAVMS provides a year's worth of quality continuing education right here in Denver. Our wide range of lectures on clinical topics lets you customize your own learning experience to best fit your needs and schedule.

## OUR OFFERINGS INCLUDE:

**Professional Development Series** — *Six high-caliber lectures* with nationally recognized speakers discussing recent advances in veterinary medicine and sharing personal insights. Each lecture offers five hours of CE credit and is presented on Wednesday afternoons from 1:00 to 6:00 PM at the PPA Event Center.

**30 hours**

**Ski CE at Vail** — *DAVMS will hit the slopes January 26-29, 2012 at Vail!*

What could be better than 14 hours of top-quality CE in a beautiful mountain setting and plenty of powder to play in? This offering has been a VLI standout for more than 30 years; many participants return year after year to take part in this fun, educational weekend!

**14 hours**

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DAVMS is working with AAHA on two special opportunities. See page 6 for information on the March PDS lecture welcoming AAHA Denver 2012 Yearly Conference attendees. And see page 9 for a special offer from AAHA if you purchase a PDS series subscription!

## CE-AT-A-GLANCE

### SEPTEMBER 7, 2011

5 CE hours – 1:00 PM to 6:00 PM

#### Common Neurologic Disorders of Dogs and Cats

Curtis Dewey, DVM, MS, DACVIM, DACVS  
Cornell University

### OCTOBER 5, 2011

5 CE hours – 1:00 PM to 6:00 PM

#### Chronic Pain and Reduced Mobility: A Multimodal Approach that Works

Jessica Rychel, DVM  
Colorado State University

### NOVEMBER 9, 2011

5 CE hours – 1:00 PM to 6:00 PM

#### Drug Interactions

Lauren Trepanier, DVM, PhD  
University of Wisconsin – Madison

### FEBRUARY 8, 2012

5 CE hours – 1:00 PM to 6:00 PM

#### What Foods These Morsels Be? From Nutritional Assessment to Losing Weight: A Nutritional Review

Joseph Bartges, DVM, PhD, DACVIM, DACVN  
University of Tennessee

### MARCH 14, 2012

5 CE hours – 1:00 PM to 6:00 PM

#### Ophthalmology

Elizabeth Giuliano, DVM, MS, DACVO  
University of Missouri

### APRIL 11, 2012

5 CE hours – 1:00 PM to 6:00 PM

#### The Present and Future Use of Antimicrobial Therapy in Companion Animal Practice: Using the Past to Predict a Scary Future

David Aucoin, DVM, DACVCP  
VCA Antech



## DAVMS CONTINUING EDUCATION COMMITTEE/STAFF

The Veterinary Learning Institute thanks the members of the Professional Education Committee. It is only with the efforts of involved DAVMS members such as these that VLI is able to continue its commitment to continuing education excellence.

**Dr. Elisa Mazzaferro**, *Wheat Ridge Animal Hospital – Chair*

**Dr. Kris Fattor**, *Green Mountain Animal Clinic*

**Dr. Mark Howard**, *Alameda Veterinary Clinic*

**Dr. Tanja Nuhsbaum**, *Veterinary Referral Center of Colorado*

**Dr. Brett Sargent**, *Front Range Veterinary Clinic*

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

**Dr. Steven Wheeler**, *Veterinary Referral Center of Colorado*

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*Manager of Learning*

# PROFESSIONAL DEVELOPMENT SERIES



## WEDNESDAY, SEPTEMBER 7, 2011

5 CE hours – 1:00 PM to 6:00 PM

### Common Neurologic Disorders of Dogs and Cats

Curtis Dewey, DVM, MS, DACVIM, DACVS  
Cornell University

This presentation will cover basic principles as well as newer developments regarding a number of neurologic disorders in dogs and cats. Seizure management of dogs and cats will be discussed, including treating refractory epileptics, status and cluster seizure cases, and the use of “new” drugs for treating pets with seizures. Fluid abnormalities of the brain and spinal cord will be covered, including congenital hydrocephalus, intracranial arachnoid cysts, and syringomyelia (discussed in the context of Chiari-like malformation and other disorders of the craniocervical junction). Emergency management of the brain- and spinal-injured pet will also be reviewed. Finally, diagnosing and treating dogs and cats with primary brain tumors will be described.

#### What you'll take away from this session:

- Zonisamide is an effective, safe and inexpensive antiseizure drug in dogs, alone or as an add-on
- Chiari-like malformation is a common disorder in dogs, particularly prevalent in the Cavalier King Charles spaniel breed
- Polyethylene glycol (PEG) may have some promise as an intravenous therapy for spinal trauma in dogs and cats
- Pregabalin (Lyrica) is the “next generation” of gabapentin and is useful for both managing seizures and neuropathic pain
- Oral hydroxyurea therapy is safe and inexpensive and has been shown to significantly prolong survival times in dogs with intracranial meningioma

## WEDNESDAY, OCTOBER 5, 2011

5 CE hours – 1:00 PM to 6:00 PM

### Chronic Pain and Reduced Mobility: A Multimodal Approach that Works

Jessica Rychel, DVM  
Colorado State University

Learn how to approach a small animal patient with chronic pain, degenerative disease, or reduced mobility. We will discuss how to safely manage pain with a combination of supplements and medications. In addition we will cover the basics of physical medicine and how they can be applied to these rewarding patients. We will discuss massage, rehabilitation, and other forms of physical medicine and how they can fit into your practice.

#### What you'll take away from this session:

- How to manage chronic pain safely and effectively in dogs and cats
- Understand the basics of physical medicine and how to implement them in your practice
- Help your clients improve mobility in their elderly or debilitated pets



# PROFESSIONAL DEVELOPMENT SERIES

## WEDNESDAY, NOVEMBER 9, 2011

5 CE hours – 1:00 PM to 6:00 PM

### Drug Interactions

Lauren Trepanier, DVM, PhD  
University of Wisconsin – Madison

This session will provide practical information on how to avoid drug interactions with commonly prescribed drugs and then address common misconceptions about when specific drugs should be avoided, or dosages changed, in dogs and cats with cardiac, hepatic, or renal disease. We will summarize the work on the efficacy of transdermal drugs in veterinary patients and provide advice for empirical transdermal drug use, in the absence of absorption or efficacy data, when other dosing routes are not possible. The mechanisms, monitoring, and management of important drug-induced liver and bone marrow toxicities in dogs and cats will be discussed, followed by a review of what is known about rational pre-surgical infection prophylaxis in dogs and cats.

#### What you'll take away from this session:

- Recognize the top offenders for potential drug interactions in your out-patients and hospitalized cases
- Determine when drug dosages should be adjusted for ill patients
- Transdermal drug use in the absence of absorption or efficacy data when other dosing routes are not possible
- How to interpret an increase in ALT when a dog is being given carprofen
- When antibiotics are indicated before surgery and how long they should be continued after surgery

## WEDNESDAY, FEBRUARY 8, 2012

5 CE hours – 1:00 PM to 6:00 PM

### What Foods These Morsels Be? From Nutritional Assessment to Losing Weight: A Nutritional Review

Joseph Bartges, DVM, PhD, DACVIM, DACVN

The University of Tennessee

This series of presentations will focus on nutrition and nutritional management of disease. Nutritional assessment should be performed on all patients, healthy or sick, using the American Animal Hospital Association (AAHA) guidelines. Adverse food reactions occur commonly and include immunological and non-immunological causes. We will discuss adverse food reactions including reporting of potential food-associated problems. Many owners are feeding homemade diets, including raw food. We will discuss pros and cons of feeding such diets and how to assess their adequacy including resources for balancing homemade diets. Obesity is the most common nutritional disease of dogs and cats. It is associated with many conditions, many inflammatory in nature. We will discuss diagnosis, associated conditions, and management of obesity. Chronic kidney disease is the most common urological disorder in older pets and nutritional modification is integral to its management. We will review IRIS staging system of chronic kidney disease and management of chronic kidney disease in dogs and cats.

#### What you'll take away from this session:

- How to perform nutritional assessment using American Animal Hospital Association guidelines
- Recognize adverse reactions to food and their management including reporting of food-related illness
- Evaluate homemade and raw food diets and use resources for counseling clients
- Diagnose and treat obesity and obesity-related diseases
- Using IRIS staging system, manage patients with chronic kidney disease



# PROFESSIONAL DEVELOPMENT SERIES



## WEDNESDAY, MARCH 14, 2012

5 CE hours – 1:00 PM to 6:00 PM

### Ophthalmology

**Elizabeth Giuliano, DVM, MS, DACVO**  
*University of Missouri*

Examination of the fundus is the most challenging aspect of the complete ophthalmic exam for most practitioners. This lecture aims to answer several frequently asked questions and provide practical tips to help ensure good ophthalmoscopic skills. We will also review the indications, protocols, and techniques for enucleation surgery, supplemented with new information to familiarize the small animal practitioner with the use of regional (infiltration) anesthesia as a helpful tool in ophthalmic eyelid surgery and enucleation surgery. Clinical criteria will be discussed to help the practitioner determine if the “red eye” is red due to superficial disease or deep (e.g. intraocular) disease with the ultimate goal of preserving vision and restoring ocular comfort. A case-based approach to the management of uveitis and iridocyclitis will also be discussed.

#### **What you’ll take away from this session:**

- Funduscopy
- An understanding of ophthalmoscopy
- What technique to use to get a good look at the posterior segment of a canine or feline patient
- How to improve your enucleation surgery
- How to determine if the “red eye” is red due to superficial disease or deep disease
- What to do when uveitis gets complicated

## WEDNESDAY, APRIL 11, 2012

5 CE hours – 1:00 PM to 6:00 PM

### The Present and Future Use of Antimicrobial Therapy in Companion Animal Practice: Using the Past to Predict a Scary Future

**David Aucoin, DVM, DACVCP**  
*VCA Antech*

The use of antimicrobial agents is only 60 years old and in human medicine, superbugs and resistance have been increasing phenomenon. During the past five years, great changes have occurred in veterinary medicine as well. The future is uncertain, choice and cost are becoming limited, and changes are required for veterinarians not to lose total control of their antimicrobial armamentarium.

This presentation will explore the differences and similarities between human and companion animal practice and anti-infective therapy. Using human guidelines are incompatible with every day veterinary practice. We don’t practice in 24-hour, 500-bed hospitals and our choice of anti-infective should not be based on that premise. We have our own strategy, which is discussed. We do however, share in common one thing with human medicine: humans. The impact they have had on companion practice is considerable and we have to recognize that impact and change accordingly.

#### **What you’ll take away from this session:**

- Base selection of antimicrobials on cost effectiveness using data from millions of pets; simple doesn’t mean unsophisticated, it means what’s practical, what works
- Simplify dosing amounts and durations with improved patient outcomes
- Differentiate between resistance and superbugs and learn treatments and diagnostics for each



#### *DAVMS and AAHA Collaboration*

*In collaboration with AAHA, the March lecture has been approved as a pre-conference offering for attendees of the AAHA Denver 2012 Yearly Conference. DAVMS looks forward to welcoming colleagues from around the continent at this PDS session!*

## MEET THE SPEAKERS



**David Aucoin, DVM,  
DACVP**

Dr. Aucoin is a New England native. He left home to study at Michigan State University where he earned his BS and DVM degrees. Following graduation, he did an internship and residence at The Animal Medical Center in New York City. While there he also completed his post-doctoral training in Clinical Pharmacology at Cornell University—New York Hospital. He joined the faculty at North Carolina State University from 1985 to 1992 before joining VCA West Los Angeles Animal Hospital where he served as director of interns and staff internist. He currently directs development at Zoasis Corporation, an IT business services company for veterinarians. He lives in beautiful Ventura County with his wife, two children, and a random assortment of pets.



**Joseph Bartges, DVM,  
PhD, DACVIM, DACVN**

Dr. Bartges is a graduate of Marshall University and received his DVM from the University of Georgia in 1987. After completing an internship, residencies in internal medicine and nutrition, and a PhD from the University of Minnesota in 1994, he was on faculty at Georgia until he joined The University of Tennessee in 1997, where he is currently professor of medicine and nutrition and holds the Acree Endowed Chair of Small Animal Research. His interests include nephrology and urology and nutrition, and he has published more than 250 articles and book chapters and spoken at more than 200 meetings. He has three children: Patrice who is 21, Garrick who is 18, and their 10-year-old Boxer, Buddy.



**Curtis Dewey, DVM,  
MS, DACVS, DACVIM**

Dr. Dewey graduated from Cornell University, where he received both his Bachelor of Science and Doctor of Veterinary Medicine degrees. He completed an internship in small animal medicine and surgery at the University of Georgia. Following his internship, he completed his residency at the University of Georgia and earned a Master of Science degree in anatomy. At the University of California, he completed a residency in neurology and neurosurgery. Dr. Dewey is board certified by the American College of Veterinary Surgeons and the American College of Veterinary Internal Medicine (Neurology). He served as the Director of Neurology at the College of Veterinary Medicine, Texas A&M University, in private specialty practice in Long Island for five years, and is currently an associate professor and section chief of neurology at Cornell. He is an international authority on topics in veterinary neurology.



**Elizabeth Giuliano,  
DVM, MS, DACVO**

Dr. Giuliano received a Bachelor of Science from Cornell University and her DVM degree from the University of Wisconsin—Madison in 1996. Following graduation, she completed a small animal rotating internship at the Animal Medical Center in New York City and remained in private practice in midtown Manhattan the following year. In 1998, she returned to UW—Madison to complete a Comparative Ocular Pathology Fellowship. Dr. Giuliano is a member of the Veterinary Medical Teaching Hospital at the University of Missouri—Columbia where she completed a residency in veterinary ophthalmology and a Masters of Science degree. Her research interests have included canine intraocular neoplasia, conjunctiva-associated lymphoid tissue, photodynamic therapy for the treatment of equine periocular tumors, and equine corneal wound healing. She is currently a tenured faculty member of the department of veterinary medicine and surgery at the University of Missouri and section head of their comparative ophthalmology service.



## MEET THE SPEAKERS



Jessica Rychel, DVM

Dr. Rychel works both as an emergency veterinarian and a pain and rehabilitation practitioner. She received her DVM from Colorado State University and is trained in pain medicine, medical acupuncture, medical massage and physical rehabilitation. She has extensive experience working with acute injuries, difficult postoperative recoveries, chronic pain patients, and geriatric animals. Dr. Rychel also teaches and writes about pain management, physical medicine, and rehabilitation in veterinary medicine.



Lauren Trepanier, DVM, PhD, DACVIM, DACVCP

Dr. Trepanier obtained her DVM from Cornell University in 1986. She completed an internship and residency in small animal internal medicine at the Animal Medical Center in New York, and then earned a PhD in Pharmacology in 1997, also at Cornell. She is a professor and section head of internal medicine at the University of Wisconsin—Madison School of Veterinary Medicine, where she manages internal medicine referral cases; trains students, interns, and residents; and conducts research on the genetic and metabolic basis of drug toxicity. Dr. Trepanier is board certified in both internal medicine and veterinary clinical pharmacology.

## WHAT YOU NEED TO KNOW!

### Location

Professional Development Series will be held at:

**PPA Event Center**  
2105 Decatur Street  
Denver, CO 80211

*Parking is free and plentiful!*



### Continuing Education Credits

Veterinarians are responsible for keeping records of the courses they attend for submission to the Colorado State Board of Veterinary Medicine. A sign-in sheet will be provided at the registration desk for each

seminar. The original sign-in sheets are kept at the DAVMS office as proof of attendance and credits are entered into a member's database record. DAVMS members may contact the DAVMS office to obtain verification of the number of CE hours completed through the Veterinary Learning Institute 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 Colorado State Board of Veterinary Medicine at 303.894.7755 or [www.dora.state.co.us/veterinarians](http://www.dora.state.co.us/veterinarians).

### Event Reminders

The DAVMS office sends reminders to our membership prior to each offering. **Note that we only send e-mail reminders.** Please add your correct e-mail address to the registration form. If you have any questions about reminders, please contact the DAVMS office at 303.318.0447.

### Special Needs

Please inform us in advance of your particular needs so we can help make the programs as convenient for you as possible.

# REGISTRATION INFORMATION

## How Do I Register?

Registration is convenient and easy! To sign up for the Professional Development Lecture Series, use the registration form included in the back of this catalog or visit our website at [www.davms.org](http://www.davms.org) to download a registration form. A registration brochure for Ski CE at Vail will be available at a later date, so watch your mailbox, visit [www.davms.org](http://www.davms.org), or call the DAVMS office at 303.318.0447 for the latest information.

Return your registration form to DAVMS:

### By Mail

DAVMS  
191 Yuma Street  
Denver, CO 80223

### By Fax

303.318.0450

### Register online at

[www.davms.org](http://www.davms.org)

## Registration Types

### Professional Development Lecture Series

The Professional Development Series offers 6 lectures for a total of 30 hours of world-class continuing education. Please note that these 6 lectures will take place at the PPA Center in Denver.

Registration for the series or for an individual lecture includes:

- Admittance to the lecture
- Lecture notes
- Light refreshments
- Complimentary parking

There are two methods to register for all or one of the Professional Development Series Lectures.

### Hospital or Individual Subscription

Subscriptions to the entire series of 6 lectures may be in the name of either an individual or a hospital. The following rules apply:

- Individual subscriptions are non-transferable.
- Hospital subscriptions may only be purchased by DAVMS members.
- With hospital subscriptions, a list must be provided to identify individuals from the practice who are authorized to share the hospital subscription. Each individual authorized to share the subscription **must** be a DAVMS member.

- Any hospital that exceeds the 30 hours allowed per lecture series subscription will be billed for additional hours used at \$20 per hour.
- Unused hours are non-refundable and may not be carried over.
- Subscriptions only apply to the Professional Development Series. You must register separately for Ski CE.

### Individual Lectures

Members and non-members are permitted to sign up for individual lectures within the Professional Development Lecture Series. Pre-registration is encouraged for individual lectures, but on-site sign-up is accommodated on a space-available basis. No refunds are issued to no-shows.

### Cancellations

All cancellations must be submitted to the DAVMS office in writing. For individual program registrations, cancellations received more than 30 days prior to the program start date will receive a full refund minus a \$50 processing fee. No refunds will be granted within 30 days of a program. For subscriptions, cancellations received more than 30 days prior to the first lecture will receive a full refund minus a \$50 processing fee. No refunds will be granted within 30 days of the first program. No refunds for no-shows or unused hours on subscriptions.

### Questions?

Allow the DAVMS staff to help! If you have questions about the programs, please contact us by calling 303.318.0447 or by email at [myasadler@davms.org](mailto:myasadler@davms.org).

If you purchase a PDS series subscription, DAVMS and AAHA are offering a special opportunity for DAVMS member subscribers to attend the AAHA Denver 2012 Yearly Conference at the AAHA member rate. Once you subscribe, DAVMS will provide you with details on how to register at the AAHA member rate.



*Register for your subscription by August 1st, and save more than \$650 over the individual seminar rate!*





*Register for your subscription by August 1st, and save \$100 with the Early Bird rate!*

**Not a DAVMS member?**

Join today by calling DAVMS at 303.318.0447 or applying online at [www.davms.org](http://www.davms.org)

Use this form to sign up for the 2011/2012 Professional Development Lecture Series. *(Please print legibly!)*

\_\_\_\_\_  
Name

\_\_\_\_\_  
Hospital

\_\_\_\_\_  
Mailing Address

\_\_\_\_\_  
City, State, Zip Code

\_\_\_\_\_  
Telephone

\_\_\_\_\_  
Fax

\_\_\_\_\_  
E-mail Address

**Subscriptions**

Individual Subscription (to be used by the person named above)

Hospital Subscription

*Please attach a list of names authorized to use the hospital subscription. Purchaser must be a DAVMS member.*

- |          |          |
|----------|----------|
| 1) _____ | 5) _____ |
| 2) _____ | 6) _____ |
| 3) _____ | 7) _____ |
| 4) _____ | 8) _____ |

	<b>Early Bird Registration</b> Postmarked by 8/1/2011	<b>Advance Registration</b> Postmarked after 8/1/2011
DAVMS Member	<input type="checkbox"/> \$695	<input type="checkbox"/> \$795
Non-member	<input type="checkbox"/> \$945	<input type="checkbox"/> \$1045
Veterinary Technician/Student	<input type="checkbox"/> \$360	<input type="checkbox"/> \$415

**Subtotal — Subscription Fees \$** \_\_\_\_\_

**Individual Lectures**

- |  |                       |          |
|--|-----------------------|----------|
| <input type="checkbox"/> DAVMS Member                  | \$220 each            |          |
| <input type="checkbox"/> Non-member                    | \$270 each            |          |
| <input type="checkbox"/> Veterinary Technician/Student | \$80 each             |          |
| <input type="checkbox"/> September 7, 2011             | Neurology             | \$ _____ |
| <input type="checkbox"/> October 5, 2011               | Pain Management       | \$ _____ |
| <input type="checkbox"/> November 9, 2011              | Drug Interactions     | \$ _____ |
| <input type="checkbox"/> February 8, 2012              | Nutrition             | \$ _____ |
| <input type="checkbox"/> March 14, 2012                | Ophthalmology         | \$ _____ |
| <input type="checkbox"/> April 11, 2012                | Antimicrobial Therapy | \$ _____ |

**Subtotal — Individual Lecture Fees \$** \_\_\_\_\_

**Payment Information**

Check enclosed (payable to DAVMS)     Please charge my     VISA     MasterCard

Card number \_\_\_\_\_ Security Code \_\_\_\_\_

Exp. Date \_\_\_\_\_ Billing address zip code \_\_\_\_\_

Name on card \_\_\_\_\_

Signature \_\_\_\_\_

Return both pages of this form to DAVMS via fax to 303.318.0450 or by mail to:  
191 Yuma Street • Denver, CO 80223-1205



## SKI CE AT VAIL

- Exceptional education
- Outstanding networking
- World-class skiing

**JANUARY 26-29, 2012**

The Lodge at Vail, Vail, CO

**Emergency and Critical Care:  
Triage, Imaging, and Beyond**

**Kenneth J. Drobatz, DVM, MSCE,  
DACVIM, DACVECC**

**H. Mark Saunders, VMD, MS, DACVR**

Time is of the essence when presented with a critically ill patient. Successful treatment relies on a rapid triage of the patient's condition, an accurate physical examination, and proper hierarchy of requested diagnostic tests. Incorrect interpretation of these additional diagnostic tests can lead to inappropriate decisions and patient management. Using primarily a case discussion format, interspersed with mini-lectures, current issues regarding the medical management and diagnostic imaging of critical patients will be discussed.



*Please check your mailbox for a program registration brochure. If you need additional information, please contact our office at 303.318.0447 or by email at [myasadler@davms.org](mailto:myasadler@davms.org).*

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