

3 DAYS LIVE // 90 DAYS ON DEMAND // 25+ TRACKS // 70+ SPEAKERS // 100+ EXHIBITORS // 345+ HOURS OF CE // ONE EXCEPTIONAL EVENT

midwest VETERINARY CONFERENCE

HOSTED BY OHIO VETERINARY MEDICAL ASSOCIATION // FEB. 17-19, 2022 // COLUMBUS, OHIO + ONLINE

**MOBILE
APP**
available in
January!
*Details on
page 2.*



2022 Registration Program



@MVCINFO // #2022MVC

CONTENTS //

COVID-19 Notice	2
Dates & Deadlines	2
Sponsors	3
Registration Fees & FAQs	4
Registration Form.	5
Exhibitors	7
Event Schedule	8
CE Schedule	
Thursday, Feb. 17	9
Friday, Feb. 18	12
Saturday, Feb. 19	16
Session Descriptions	
Thursday, Feb. 17	20
Friday, Feb. 18	26
Saturday, Feb. 19	34
Speakers	41
Education Committees	42
FAQs	43
Hotel Blocks	43
Social Media & Contact	44

A WORD ABOUT COVID-19

The 2022 Midwest Veterinary Conference is being offered in a hybrid meeting format, providing both in-person and virtual on-demand learning opportunities.

For those who are able to attend in-person, both the MVC and our facility hosts will continue to provide various enhanced cleaning and health safeguards. We strongly encourage our attendees to do so as well by following the recommendations of public health professionals. This includes receiving the COVID-19 vaccination, along with the use of face masks as conditions merit, and in particular, where social distancing may be difficult to achieve.

The MVC will follow state and local requirements for its attendees and will advise those attending in-person of any such requirements.

Our goal has and remains to provide a safe and exceptional learning experience. Please follow our website and social media platforms for updates and provide an email address during registration to receive email notifications. Specific questions may be sent to info@mvcinfo.org.

Dates & Deadlines

11-15-21

Tier I registration begins
See page 4 or www.mvcinfo.org/registration
Volunteer sign-up opens
See page 43 or www.mvcinfo.org/volunteer

WEEK OF
01-03-22

Mobile app available for download
See www.mvcinfo.org/app

01-17 to
01-26-22

MVC hotel blocks close
See page 43 or www.mvcinfo.org/travel

01-21-22
11:59 P.M. ET

Tier I registration ends; Last day to register and receive confirmation packet in mail prior to MVC

01-22-22
12:00 A.M. ET

Tier II registration begins
See page 4 or www.mvcinfo.org/registration

WEEK OF
01-31-22

Confirmation packets mailed this week
See page 4 or www.mvcinfo.org/FAQs

02-01-22

Conference Proceedings available online
See www.mvcinfo.org/notes

02-14-22

Volunteer signup ends
See page 43 or www.mvcinfo.org/volunteer

02-16-22
5-6:30 P.M. ET

On-site registration and attendee assistance opens
See www.mvcinfo.org/registration

02-17-22 to 02-19-22
2022 Midwest Veterinary Conference
Greater Columbus Convention Center // Columbus, Ohio

02-21-22
12:00 P.M. ET

Cancellation deadline for virtual MVC
See page 6 or www.mvcinfo.org/cancel

02-23-22

MVC Virtual begins
See page 43 or www.mvcinfo.org/virtual

02-26-22
11:59 P.M. ET

Refund request deadline for in-person MVC
See page 6 or www.mvcinfo.org/cancel

05-24-22

MVC Virtual ends
See page 43 or www.mvcinfo.org/virtual

SPONSORS // *Special thanks to these companies for their support*

Platinum



MERCK
Animal Health

- MVC Mobile App
- Attendee Pens
- Shelter Animal Reception Co-Sponsor
- Saturday Practice Management II Track
 - Wellness Sessions 302-304
- Friday Public Health 268-269
- Saturday Public Health Sessions 463-464



- Pet Animal Dermatology Track
- Friday Animal Behavior Track



**KENNETH A. SCOTT
CHARITABLE TRUST**



- Thursday through Saturday Shelter Animal Tracks

**STANTON
FOUNDATION**

- Recent Graduates Track
- Connection Corner Student/Veterinarian Networking Event

Silver



**Boehringer
Ingelheim**

- Friday Morning Coffee Break



MEDVET
Leading Specialty Healthcare for Pets

- Saturday Staff Development Track



PURINA

- Pet Animal Feline Track



- Pet Animal Critical Care Track



sedgwick

- Thursday Practice Management II Track
- Saturday Practice Management I Track



**VETERINARY
UNITED**
Inspire. Empower. Lead.

- Attendee Lanyards



- Pet Animal Oncology Track

Bronze



Banfield
PET HOSPITAL

- Mothers' Room Supplies



CareCredit
Making care possible...today.

- Friday Practice Management II Track



- Shelter Animal Reception Co-Sponsor

petco

veterinary partners

- Virtual Mind & Body Yoga Session

REGISTRATION // Fees & FAQs

	IN-PERSON MVC Feb. 17 – 19, 2022 • Columbus, Ohio						HYBRID In Person + Virtual	VIRTUAL ONLY Feb. 23 – May 24, 2022
	One Day		Two Days		All Three Days			
	Tier I Thru 1/21/22	Tier II 1/22/22 + after	Tier I Thru 1/21/22	Tier II 1/22/22 + after	Tier I Thru 1/21/22	Tier II 1/22/22 + after		
VETERINARIANS								
OVMA Member or Out of State	\$175 online \$190 mail	\$200 online \$225 mail	\$225 online \$240 mail	\$250 online \$275 mail	\$275 online \$290 mail	\$300 online \$325 mail	+ \$125 online & mail	\$225 online \$250 mail
OVMA Life Member ¹ or Resident/Intern Member	\$140 online \$155 mail	\$160 online \$185 mail	\$180 online \$195 mail	\$200 online \$225 mail	\$220 online \$235 mail	\$240 online \$265 mail		\$225 online \$250 mail
Non-Member in Ohio	\$350 online \$365 mail	\$375 online \$400 mail	\$400 online \$415 mail	\$425 online \$450 mail	\$450 online \$465 mail	\$475 online \$500 mail		\$400 online \$425 mail
NON-VETERINARIANS								
Technicians, Hospital/Shelter Staff ² & Other Professionals ³	\$110 online \$125 mail	\$135 online \$160 mail	\$150 online \$165 mail	\$175 online \$200 mail	\$180 online \$195 mail	\$205 online \$225 mail	+ \$75 online & mail	\$150 online \$165 mail
STUDENTS ⁴								
Member ⁵					\$0	\$0	included	
Non-Member					\$30	\$40	included	

1. OVMA Board approved. // 2. Non-veterinarian, non-technician only. No CE credit issued for this registration type. To send multiple staff members, you may purchase blocks of three one-day passes at a \$30 discount. See below for details. // 3. Includes all other animal/veterinary care professionals, spouses, relatives, and guests age 18+. // 4. Includes access to all three days of live MVC plus Virtual Platform. // 5. Member of OVMA (vet students) or SCNAVTA (tech students).

REGISTRATION CATEGORIES

In-Person MVC: You can register for one, two, or all three days. Your registration fee includes access to:

- all live sessions on the day(s) you select
- live Exhibit Hall on the day(s) you select
- special programs (additional fee)
- on-site program hard copy and/or mobile app
- flash drive of and online access to Conference proceedings

Special Program Only: Includes access to the program(s) you select (pending availability). Only available on site at the live MVC.

Virtual MVC Only: Choose this option if you do not wish to attend the in-person portion of the conference. Your registration fee includes 90 days of unlimited access to:

- all virtual sessions
- virtual Exhibit Hall
- mobile app
- online Conference proceedings

Hybrid: Register for both the in-person and virtual MVC to gain access to all of the above.

- Note: You must select both an in-person registration option and the hybrid option to select both. Hybrid pricing shown is in addition to the in-person fees.
- Student registrations include access to full event (in person and online).

EMAIL ADDRESSES

A unique email address is required to register online and to access the Virtual Platform.

Email addresses cannot be shared with other attendees.

Contact OVMA prior to registration if you cannot remember what email address we have on file and/or if you need to change your email.

HOSPITAL STAFF

To send multiple staff members from a single organization, you may purchase a bundle of single registrations at a discount.

The volume discount bundle is available in blocks of **three (3) one-day, in-person registrations** at the rate of \$300 (a savings of \$30).

Only non-veterinarian, non-technician personnel may register under the Hospital Staff category. Individual attendee names and email address will need to be provided upon registration.

Should your staffing schedule change, individual registrations can be transferred to other members of your staff.

- Prior to the MVC: Log in to the Attendee Registration Portal. (Instructions will be in your confirmation email.)
- At the MVC: Bring the badge that needs replaced to the attendee assistance counter.

SELECTING SESSIONS

Attendees are strongly encouraged to register for sessions they plan to attend at the live MVC for the following reasons:

- Allows OVMA to assign rooms and seating to accommodate all attendees and implement social distancing as able.
- Ensures you have a record of your sessions should you need proof for license renewal.
- Sessions you register for will automatically be added to your schedule in the MVC mobile app.

If needed, you can modify your session selections after registration. Instructions will be included in your confirmation email or can be found at www.mvcinfo.org/registration.

No advance registration is necessary for virtual sessions.

SPECIAL PROGRAMS & LABS

Due to limited capacities, advance registration is required for special programs and labs.

If you are registering by mail, visit www.mvcinfo.org/education to find out if the programs you wish to attend are still available at the time you register. **If registering online,** only available programs will be shown.

CONFIRMATION

All in-person attendees will receive a confirmation packet containing their badge via postal mail, provided they register by the Tier I cutoff of Jan. 21, 2022 (11:59 p.m. ET).

Anyone registering after this date may pick up their badge on site at the self-serve badge printing kiosk. **Attendees are strongly encouraged to register by the Tier I cutoff of Jan. 21 to minimize wait time on site.**

Confirmation packets will be mailed beginning the week of Jan. 31, 2022.

ON-SITE COVID PROTOCOLS

Enhanced cleaning and health safeguards will be implemented on site throughout the MVC.

Attendees are strongly encouraged to be vaccinated, as well as use face masks as conditions merit.

MVC will follow health orders in effect at the time of the Conference and advise registrants of any such requirements via email, the MVC website, and social media in the days leading up to the live event.

For More Information
www.mvcinfo.org/FAQs or
info@mvcinfo.org

REGISTRATION FORM // Register online and save up to \$25!

CONTACT INFORMATION // Please print clearly using dark/bold ink. Additional forms online at www.mvcinfo.org/registration.

Full Name _____ Preferred First Name (if different) _____

Individual Type ☐ Veterinarian ☐ Technician ☐ Practice Manager ☐ Hospital Staff ☐ Shelter Staff ☐ Student ☐ Other Professional

Area(s) of Practice ☐ Academic ☐ Corp/Assn ☐ Equine ☐ Exotic ☐ Food ☐ Govt/Military ☐ Mixed/General ☐ Pet ☐ Research/Lab ☐ Shelter

Company/Clinic _____

Preferred Address ☐ Home ☐ Work _____

This address will be encoded into your attendee badge and is where we will send your confirmation packet.

City / State / ZIP _____

Email* _____ Phone _____

**Required for email confirmation and access to Virtual MVC. Must be a unique address not shared with anyone else registering for the MVC.*

Emergency Contact Name & Number (optional) _____

ADA Special Accommodations (if any) _____

OVMA MEMBERSHIP // If you are a veterinarian, you can join or renew your membership for 2022 below.

☐ Active Member: \$195 (practicing in Ohio) ☐ Affiliate Member: \$65 (out of state) ☐ New Graduate Member: \$120 (graduated in 2020 or 2021) ☐ Military: \$65 (uniform/civil svc) ☐ Resident/Intern: \$65 (post-grad)

☐ Life Member: No Charge [Eligibility requirements: (a) 30 years of membership AND (b) retired or age 70+. Requires OVMA Board approval.]

NEW members, please provide: Vet School Attended _____ Grad Year _____

Payments and dues paid to the OVMA are not deductible for federal tax purposes as charitable contributions. They may be deductible as an ordinary and necessary business expense, except the portion related to representation on legislative issues, estimated to be 20%.

REGISTRATION CATEGORY // For complete details on registration options, please see page 4.

IN-PERSON MVC						
	ONE DAY			TWO DAYS		
	Select 1: <input type="checkbox"/> Thurs <input type="checkbox"/> Fri <input type="checkbox"/> Sat			Select 2: <input type="checkbox"/> Thurs <input type="checkbox"/> Fri <input type="checkbox"/> Sat		
					<input checked="" type="checkbox"/> Thurs	<input checked="" type="checkbox"/> Fri <input checked="" type="checkbox"/> Sat
VETERINARIANS	Tier I	Tier II		Tier I	Tier II	
OVMA Member: Active, New Grad, or Military	<input type="checkbox"/> \$190	\$225		<input type="checkbox"/> \$240	\$275	<input type="checkbox"/> \$290 \$325
OVMA Member: Resident/Intern or Life	<input type="checkbox"/> \$155	\$180		<input type="checkbox"/> \$195	\$225	<input type="checkbox"/> \$235 \$265
Non-Member in Ohio	<input type="checkbox"/> \$365	\$400		<input type="checkbox"/> \$415	\$450	<input type="checkbox"/> \$465 \$500
Out-of-State Veterinarian	<input type="checkbox"/> \$190	\$225		<input type="checkbox"/> \$240	\$275	<input type="checkbox"/> \$290 \$325
NON-VETERINARIANS						
Technicians, Staff, & Other Professionals	<input type="checkbox"/> \$125	\$160		<input type="checkbox"/> \$165	\$200	<input type="checkbox"/> \$195 \$225
STUDENTS						
Member <input type="checkbox"/> Veterinary Student (OVMA Member) <input type="checkbox"/> Technician Student (SCNAVTA Member)					\$0	\$0
Non-Member <input type="checkbox"/> Veterinary Student <input type="checkbox"/> Technician Student <input type="checkbox"/> Pre-Vet Student					\$30	\$40
<input type="checkbox"/> SPECIAL PROGRAM ONLY Does not include access to sessions or Exhibit Hall. Select your program(s) on next page. >>						

On-Site Program Preference (Details on page 4.) ☐ I will use the **MOBILE APP ONLY**. I do not need a hard copy. ☐ I would like a **HARD COPY** of the program.

HYBRID MVC (IN PERSON + VIRTUAL)

Email address required. You must also complete in-person registration section above. Select in-person sessions and programs on the next page. ☐ **VETERINARIAN** add \$125 ☐ **NON-VETERINARIAN** add \$75

VIRTUAL MVC ONLY

Email address required in contact section above. You do not need to register for individual sessions, unless you would like a record for your reference.

VETERINARIAN	<input type="checkbox"/> NON-VETERINARIAN	\$165
<input type="checkbox"/> OVMA Member or Out of State		\$250
<input type="checkbox"/> Non-Member in Ohio		\$425

IN-PERSON SESSIONS & SPECIAL PROGRAMS // Please write the session numbers and select any special programs you wish to attend. Special program capacities are limited; therefore, pre-registration is required and awarded on a first-come, first-served basis.

Thursday 2/17 _____

☐ A. End-of-Life Lunch & Learn: \$65*

Friday 2/18 _____

☐ B. Ultrasound: \$75

☐ C. EO Organoleptics: \$60

☐ D. Hepatic: \$120

☐ Zoo Excursion*: \$55

Saturday 2/19 _____

☐ E. Canine Dental: \$495

☐ F. Feline Dental: \$495

☐ G. HQHVS: \$110

☐ H1. BSE: \$100

☐ H2. BSE: \$100

☐ I. EO Blending: \$60

Lab registrants: ☐ Check here to denote latex allergy *Dietary restrictions _____

CHARITABLE CONTRIBUTIONS // As part of the 5 for 5 for the Future program, OVMA earmarks \$5 from every veterinarian and technician registration for student scholarships. Since the program's inception in 2012, MVC attendees have helped raise \$186,641.

☐ YES! I would like to donate an additional \$_____ to the 5 for 5 for the Future program.

TOTAL AMOUNT DUE // You may use this worksheet to calculate your grand total. If you are registering for a group, you do not need to complete this section on every form.

This Registration	Total from Side 1: \$	+ Total from Side 2: \$	= Total for this registration: \$
Group Registration	Total from other forms: \$	- Hospital Staff Discount: \$ (calculated below)	= Total for other registrations: \$
Hospital Staff Discount:	Number of blocks* purchased:	x \$30	= Total discount: \$

*A block consists of three (3) one-day in-person Hospital Staff registrations. Each block is priced at \$300, for a \$30 discount. Discount does not apply to veterinarian or technician registrations. Complete details on page 4.

Grand Total Due: \$

PAYMENT INFORMATION // If you are registering multiple individuals, please mail forms together with one payment.

Payment Type: ☐ Visa ☐ MasterCard ☐ Discover ☐ American Express ☐ Check # _____ made payable to OVMA

Cardholder Name _____ Exp. Date _____

Card Number _____ CVV _____

Billing Address: If different from address provided on previous page, please provide billing address as it appears on your statement.

Address _____

City/State/ZIP _____

Cardholder Signature _____

TERMS & CONDITIONS // By submitting this form, you acknowledge that you have read and agree to the following:

Attendee Cancellation Policy: In-Person MVC. When personal or professional circumstances prevent a pre-registered individual from attending the in-person portion of the Conference, OVMA will refund the in-person Conference registration fee, less a \$10 administrative fee plus 10% of fees paid. For students, 90% of the registration fee will be refunded. A written refund request must be received no later than seven days after the last day of the Conference (Feb. 26, 2022 at 11:59 p.m. ET). Refunds will be granted for specialty programs, less 10% of fees paid, *providing the participant's space is filled by another attendee.* **Virtual MVC.** A partial refund will be issued for 75% of the virtual fee if written cancellation notice is received by Feb. 21, 2022, at 12 p.m. ET.

Public Health Emergencies. In the event state or local health orders prevent the live MVC from occurring, pre-registered attendees will receive a full refund.

Consent to be Photographed. Registration for the Midwest Veterinary Conference and attendance at any events, educational sessions and/or wet labs held in conjunction with the MVC constitutes an agreement by the registrant to OVMA's use and distribution of his/her image or voice in photographs, videotapes, electronic reproductions and audiotapes of such events and activities.

Shared Content. The OVMA may use content you share in relation to the MVC in future promotional materials, including but not limited to social media posts, photos, and comments.




















































































































Privacy Disclosure. The OVMA will not release your contact information to non-exhibiting companies. Please be aware that the contact information you provide will be encoded into your attendee badge and/or virtual attendee profile and may be obtained by Exhibitors.

Hands-On Labs Policy. By registering for a Hands-On Lab, Registrant acknowledges and agrees that some labs involve working with live animals, cadavers, specimens, equipment and other unique learning materials which may expose the registrant to a risk of injury or disease in the same manner as a veterinary professional would be exposed to these risks in carrying out the same or similar procedures in a clinical setting. The registrant, by registering for these Hands-On Labs and completing this registration form, agrees to assume this risk and hereby waives and releases the OVMA, any faculty, and other participants from any and all damage or injury arising out of or related to registrant's participation in the Hands-On Lab.

Virtual Platform Access. Only registered attendees are permitted to access the MVC Virtual Platform and claim/be verified for continuing education (CE) credit. Each access code is limited to one simultaneous device sign-in. Registrants agree they will not share, distribute, record, or sell their individual access code, speaker videos, and/or conference proceedings to unregistered individuals or companies. OVMA is not responsible for attendee technology and/or equipment failures that prevent access to the Virtual Platform.

Mail completed form(s) and payment to: OVMA, 1472 Manning Pkwy., Powell OH 43065

2022 EXHIBITORS // On Site & Virtual

KEY	 On-Site Exhibitor	 Virtual Exhibitor	★ Sponsor
	Adequan Canine 	ForeverLawn of Ohio 	ServiceNet Medical X-Ray, LLC 
	Advantage Equipment, Inc. 	Fujifilm SonoSite 	Shor-line (Schroer Mfg. Co.) 
	Aesculight 	Gravity Payments 	Simmons Great Lakes 
	AIV, Inc. 	Hill's Pet Nutrition  	Smiths Medical/Surgivet 
	AKC Reunite 	Hippo Manager Software 	Snyder Manufacturing Co. 
	AllAcem, Inc. - SANOS 	IDEXX  ★	Specialty Veterinary Pharmacy 
	Antech, Sound Imaging 	KARL STORZ Veterinary Endoscopy America Inc. 	St. George's University School of Veterinary Medicine 
	ASPCA Pet Health Insurance 	Lap of Love Veterinary Hospice 	Standard Process Inc. 
	Avalon Medical  	Lighthouse Veterinary Personnel Services, LLC 	Suburban Surgical Co., Inc. 
	Avid Identification Systems Inc 	Magic Zoo 	Summus Medical Laser 
	AVMA LIFE / PLIT 	MAI Animal Health 	TC Architects 
	Banfield Pet Hospital   ★	Medical Illumination International 	THRIVE Affordable Vet Care 
	Blue Buffalo Natural Veterinary Diets 	Medical Pet Shirts International 	Torigen Pharmaceuticals 
	BluePearl PVSEC 	MedVet   ★	Total Practice Solutions Group 
	Bock Vet Pharma 	Merck Animal Health  ★	Trusted Journey Crematory and Cemetery 
	Boehringer Ingelheim  ★	Metropolitan Veterinary Hospital 	Tuttnauer USA Co., Ltd. 
	Buckeye X-ray 	MicroVet Diagnostics 	Universal Imaging, Inc. 
	C. Specialties, Inc. 	Midmark Corporation 	USA INNOVATION TECH 
	CareCredit  ★	Midwest Veterinary Supply 	VCA 
	Cattledog Publishing 	MILA International, Inc 	Veterinary Apparel Company 
	Centura Imaging 	Multi Radiance 	Veterinary United  ★
	Ceva Animal Health, LLC  ★	MWI Animal Health 	VetMatrix 
	Chi University 	Noah's Animal Hospital / Veterinary Specialty & Emergency Care 	VetMed Solutions 
	Christian Veterinary Mission 	Nutramax Laboratories Veterinary Sciences, Inc. 	Vetoquinol 
	ClieTrax Software 	NVA 	VetRay Technology by Sedecal 
	Covetrus 	Ohio Department of Agriculture 	VetSnoot 
	Coyne Vet 	Pathway Vet Alliance 	VetSpecs, Inc. 
	Dan Scott & Associates, Inc. 	Patterson Veterinary Supply 	Virbac Animal Health  ★
	Dechra Veterinary Products  ★	Paws & Remember 	Weave 
	Digatherm by ICI 	Penn Veterinary Supply, Inc. 	Wedgewood Pharmacy 
	Doctor Multimedia 	Pet Cremation Services, Inc. 	Wiley 
	Dog is Good 	PRN Pharmacal 	Young Living 
	Elanco Animal Health 	Purina  ★	Zoetis 
	Elite Veterinary products 	Rose Micro Solutions 	
	Encore Vet Group 	Royal Canin 	
	Epicur Pharma 	Samsung/Choice Medical Systems 	
	Esaote North America 	Schultz Technology 	
	Exubion Therapeutics 		
	Faithful Companion 		

Visit www.mvcinfo.org/exhibits to learn more about exhibiting companies and view an up-to-date list, or download the mobile app in January.

SCHEDULE // Education & Special Events

Thursday, Feb. 17, 2022

Registration & Assistance..... 7 a.m. – 6 p.m.
 Educational Programming 8 a.m. – 5 p.m.
 Exhibit Hall Open 10:30 a.m. – 6 p.m.
 Columbus Zoo & Aquarium
 Veterinary Hospital Tour 12 – 4:30 p.m.

COLUMBUS ZOO AND AQUARIUM VETERINARY HOSPITAL TOUR



- Who: All Registered Attendees
- Max Capacity: 20
- Cost: \$55 (includes transportation, zoo admission, and refreshments)
- RSVP: Required; sign up via online registration or mail-in form

During this excursion, attendees will tour the Columbus Zoo and Aquarium's recently renovated 17,000-square-foot veterinary hospital, including its treatment and diagnostic facilities, research lab space, and animal holding areas. The tour will conclude with a Q&A period with the hospital's staff, comprised of three American College of Zoological Medicine diplomates, three technicians, and a veterinary resident. Following the tour, attendees will have time for a walking tour of zoo grounds, much of which remains open in February. The 622-acre Columbus Zoo and Aquarium is home to nearly 10,000 animals representing more than 600 species from around the globe.

Get a Sneak Peek!

Meet the 2022 speakers and hear a preview of their sessions by tuning in to OVMA's official podcast, **Fully Vetted!** Available in your favorite podcast player or online at www.fullyvettedpodcast.com.

Friday, Feb. 18, 2022

OVMA Business Meeting 7 – 8 a.m.
 Registration & Assistance..... 7 a.m. – 6 p.m.
 Educational Programming 8 a.m. – 5 p.m.
 Rabies Titer Testing 10 a.m. – 2 p.m.
 Exhibit Hall Open 10:30 a.m. – 6 p.m.
 Connection Corner: Student/DVM Networking Lunch..... 11:45 a.m. – 1:15 p.m.
 Shelter Animal Reception.... 5:30 – 6:30 p.m.

OVMA BUSINESS MEETING

- Who: OVMA Members
- RSVP: None required

At the annual membership meeting, enjoy a complimentary breakfast while you hear important membership updates from officers and staff.

CONNECTION CORNER: STUDENT/ DVM NETWORKING LUNCH

- Who: OVMA Members
- Max Capacity: 15 veterinarians; 85 students
- Cost: Free for members
- RSVP: Required via online registration

Practicing veterinarians and veterinary students will come together at this popular event. Students will be able to ask questions about their future careers and strengthen their networking skills, while veterinarians will have a chance to give back to the profession—and maybe even find summer interns or future associates! Please visit www.mvcinfo.org/events for more information and sign up instructions.

Special thanks to the
Stanton Foundation for
 supporting this event.

STANTON
 FOUNDATION

SHELTER ANIMAL RECEPTION

- Who: Shelter Professionals
- Cost: Free
- RSVP: None required

Decompress after a long day of sessions and mingle with colleagues at this informal gathering of directors, veterinarians, humane agents, dog wardens, and other shelter professionals.

Special thanks to IDEXX
 and Merck Animal Health
 for supporting this event.



Saturday, Feb. 19, 2022

Registration & Assistance..... 7 a.m. – 6 p.m.
 Educational Programming 8 a.m. – 5 p.m.
 Rabies Titer Testing 10 a.m. – 4 p.m.
 Exhibit Hall Open 10:30 a.m. – 6 p.m.

RABIES TITER TESTING

- Who: All Attendees
- Cost: Antibody screen, \$75; Antibody endpoint, \$95
- RSVP: None; walk-ins welcome

Veterinary professionals who have received rabies pre-exposure vaccination and are at continued risk of exposure should get their titers tested every two years. ARCpoint Labs of Columbus will be on site to provide this service on Friday and Saturday, and no appointment is needed. The fee is \$75 for a rabies antibody screen or \$95 for rabies antibody endpoint testing; payment can be made in cash, credit card, or check payable to ARCpoint Labs.

On-Demand

VIRTUAL EXHIBIT HALL

- Who: All Virtual and Hybrid Attendees
- Cost: None
- When: Feb. 23 – May 24

Explore the Exhibit Hall at your own pace, on your own time! See page 7 to find out what companies have signed up so far and visit www.mvcinfo.org/exhibits for an updated list as MVC Virtual nears.

VIRTUAL MIND & BODY SESSIONS

- Who: All Virtual and Hybrid Attendees
- Cost: None
- When: Feb. 23 – May 24

Take a mental break and boost your overall wellbeing by joining our instructor for yoga, pilates, and barre sessions from the comfort of your home. Three 30-minute sessions, suitable for all experience levels, will be available for anytime viewing.

Special thanks to PetCo
 Veterinary Partners for
 supporting this event.



CE SCHEDULE // Thursday, Feb. 17

ANIMAL BEHAVIOR	EQUINE	FOOD ANIMAL	HOLISTIC & INTEGRATIVE MED.	PET ANIMAL ANESTHESIA & PAIN MANAGEMENT	PET ANIMAL AVIAN	
SESSION 100 Principles and Practice of Behavior Change: A Short Course, Part I <i>Friedman</i>	SESSION 106 Preservation of Equine Genetics: What are the Options? <i>Coutinho da Silva</i>	SESSION 112 Become a Mixed Animal Veterinarian! Adding Poultry to Your Companion Animal Practice <i>McDermott</i>	SESSION 118 Acupuncture: Does It Work? Who Says? <i>Baley</i>	SESSION 124 Diagnosing Osteoarthritis in Cats <i>Robertson</i>	SESSION 130 Avian Reproduction: Solving Common Problems <i>Thielen</i>	8:00 – 9:00
SESSION 101 Principles and Practice of Behavior Change: A Short Course, Part II <i>Friedman</i>	SESSION 107 Sperm versus Uterus: Controlling Inflammation to Increase Fertility <i>Coutinho da Silva</i>	SESSION 113 Introduction to Bee Vet Medicine <i>Farone</i>	SESSION 119 Acupuncture at the Level of the Cell <i>Baley</i>	SESSION 125 Treatment Options for Cats with Osteoarthritis <i>Robertson</i>	SESSION 131 Avian Diagnostic Clinical Pathology: From Blood Sampling to Interpretation <i>Thielen</i>	9:15 – 10:15
SESSION 102 Principles and Practice of Behavior Change: A Short Course, Part III <i>Friedman</i>	SESSION 108 Bad Behavior in Mares: Ovarian Tumor or Spoiled Brat? <i>Coutinho da Silva</i>	SESSION 114 Honey Bee Biology: What is Normal? <i>Farone</i>	SESSION 120 Chinese Herbal Medicine at the Level of the Cell <i>Baley</i>	SESSION 126 Acute and Chronic Pain: Is There a Connection? <i>Robertson</i>	SESSION 132 Avian Radiology: Curing the Coelomic Confusion <i>Thielen</i>	10:30 – 11:30

LUNCH & EXHIBIT HALL // 11:30 – 1:30

SESSION 103 Principles and Practice of Behavior Change: A Short Course, Part IV <i>Friedman</i>	SESSION 109 Clinical Case Discussions <i>Coutinho da Silva</i>	SESSION 115 Bee Infectious Diseases: Beyond Foulbrood <i>Farone</i>	SESSION 121 Introduction to Channel Theory, Part I <i>Baley</i>	SESSION 127 Ketamine's Role in Pain Management <i>Robertson</i>	SESSION 133 Atherosclerosis and Cardiovascular Disease in Avian Patients <i>Thielen</i>	1:30 – 2:30
SESSION 104 Principles and Practice of Behavior Change: A Short Course, Part V <i>Friedman</i>	SESSION 110 Equine Laminitis, Part I <i>Beasley</i>	SESSION 116 Honey Bee Nutrition <i>Farone</i>	SESSION 122 Introduction to Channel Theory, Part II <i>Baley</i>	SESSION 128 The Impact of Obesity on Anesthesia <i>Robertson</i>	SESSION 134 Clinical Approach to Feather Picking in Parrots <i>Thielen</i>	2:45 – 3:45
SESSION 105 Principles and Practice of Behavior Change: A Short Course, Part VI <i>Friedman</i>	SESSION 111 Equine Laminitis, Part II <i>Beasley</i>	SESSION 117 African Swine Fever: Getting Ohio Ready <i>Summers</i>	SESSION 123 You Fixed THAT with Chinese Medicine? <i>Baley</i>	SESSION 129 Preventing Adverse Anesthesia Events <i>Robertson</i>	SESSION 135 Avian Respiratory Disease: Tackling the Tail Bob <i>Thielen</i>	4:00 – 5:00

EXHIBIT HALL HOUR // 5:00 – 6:00

Note: Tracks highlighted in yellow will be recorded and made available on the Virtual Platform.

CE SCHEDULE // Thursday, Feb. 17

8:00 – 9:00

PET ANIMAL FELINE

SESSION 136
Feeding the Finicky
Kidney Kitty
Quimby

PET ANIMAL RADIOLOGY & SURGERY

SESSION 142
Gastric Dilatation
Volvulus: The A to Z
of GDV
Howard

PRACTICE MANAGEMENT I

SESSION 148
Ohio Veterinary Medical
Licensing Board Update
Riker-Brown

PRACTICE MANAGEMENT II

SESSION 154
Marketing for the NOW:
Surf the Digital Wave or
Get Washed Out
Boutaam

PUBLIC HEALTH

160A. Prepared for
African Swine Fever?
Planning in Action
Kalley
160B. Animal Cruelty
and Violent Crime in Ohio
Garrett

9:15 – 10:15

SESSION 137
Updates on
Management of
Feline CKD
Quimby

SESSION 143
The Other Bladder: Does
Surgery Really Matter?
Gallbladder Mucocoeles
in Dogs
Howard

SESSION 149
Radiology Equipment
Regulations
*Ohio Department
of Health*

SESSION 155
Hiring and Recruiting
in 2022: Adapt or
Stay Behind
Boutaam

SESSION 161
Ohio Rabies
Vaccination Regulations
Riker-Brown and Welsh

10:30 – 11:30

SESSION 138
Feline Pyelonephritis
Quimby

SESSION 144
Will that Pass?
Approach to "Routine"
Small Intestinal Foreign
Body Obstruction
Howard

SESSION 150
Infectious Waste Rules
*Ohio Environmental
Protection Agency*

SESSION 156
Corporate Practice
Ownership: Current
Landscape and
Preparing for a Sale,
Part I
Redman

SESSION 162
SARS-CoV-2 Detected
in White-Tailed Deer
Bowman

LUNCH & EXHIBIT HALL // 11:30 – 1:30

1:30 – 2:30

SESSION 139
Conundrum of
Subclinical Bacteriuria
Quimby

SESSION 145
Thoracic Radiography
Involves More than the
Lungs and Heart
Biller

SESSION 151
Commercial Dog
Breeding and Livestock
Rules for the Practitioner
Summers

SESSION 157
Corporate Practice
Ownership: Current
Landscape and
Preparing for a Sale,
Part II
Redman

SESSION 163
Updates from the
Departments of Health
Messer and Singh

2:45 – 3:45

SESSION 140
Recognizing Pain and
Stress in Feline Patients
Quimby

SESSION 146
Don't Panic about
Pulmonary Patterns
and Lung Disease
Biller

SESSION 152
Pharmacy Regulations
for Veterinary Practices
McNamee

SESSION 158
Attracting the Perfect
Candidate to Your Team
Fegan

SESSION 164
Ohio Department of
Agriculture Updates
León and Summers

4:00 – 5:00

SESSION 141
Feline Infectious
Peritonitis:
Revolutionary Times
Quimby

SESSION 147
Old Radiographic
Techniques Revisited
Biller

SESSION 153
Compliance Inspections
for Veterinary Practices
McNamee

SESSION 159
All Aboard! Getting Your
New Hires Onboard
Effectively and Quickly
Fegan

SESSION 165A
USDA APHIS Update
Skorupski
SESSION 165B
Ohio ADDL Update
French

EXHIBIT HALL HOUR // 5:00 – 6:00

SPONSORS



Note: Tracks highlighted in yellow will be recorded and made available on the Virtual Platform.

RECENT GRADUATES	SHELTER I HUMANE AGENT	SHELTER II INFECTIOUS DISEASE	TECHNICIAN I	TECHNICIAN II	SPECIAL PROGRAMS
SESSION 166 Top 10 Dog Behavior Myths <i>Herron</i>	SESSION 172 Ohio Livestock Rules and Regulations, Part I <i>Summers</i>	SESSION 178 Update on Canine Infectious Respiratory Disease <i>Sykes</i>	SESSION 184 A Face Only a Mother Could Love: Anesthesia for Brachycephalic Breeds <i>Lafferty</i>	SESSION 190 All Things Colic <i>Lemmenes</i>	8:00 – 9:00
SESSION 167 The Bad and the Ugly: The Science Behind Aversive Training Methods <i>Herron</i>	SESSION 173 Ohio Livestock Rules and Regulations, Part II <i>Summers</i>	SESSION 179 Leptospirosis in the Shelter Environment <i>Sykes</i>	SESSION 185 Crash Course: Anesthesia for Rabbits, Ferrets, and Rodents <i>Lafferty</i>	SESSION 191 Bandaging and Casts on Large Animals <i>Lemmenes</i>	
SESSION 168 Better Living Through Chemistry: Chemical Restraint in Your Busy Practice <i>Herron</i>	SESSION 174 Horses 101 for Humane Officers <i>Vale</i>	SESSION 180 Update on Vector-Borne Diseases in Shelters <i>Sykes</i>	SESSION 186 Analgesia Without Opioids <i>Lafferty</i>	SESSION 192 Common Equine Surgical Procedures and Equipment: Knowledge is Power! <i>Lemmenes</i>	
SESSION 169 Top 10 Cat Behavior Myths <i>Herron</i>	SESSION 175 Equine Abuse and Neglect for Humane Officers <i>Vale</i>	SESSION 181 Vaccination Controversies in Dogs and Cats <i>Sykes</i>	SESSION 187 Breathe In, Breathe Out: The Ins and Outs of Capnography <i>Lafferty</i>	SESSION 193 Canine Leptospirosis: A Brief Overview of Recent Data and Recommendations <i>Smith</i>	11:45 – 1:15 A End of Life in Veterinary Medicine: Euthanasia, Natural Death, and Moral Distress <i>Yaxley</i>
SESSION 170 Nuisance Behaviors in Cats: I Know it's Normal, But How Do I Make it Stop? <i>Herron</i>	SESSION 176 All in This Together: Pooling Shelter Resources to Help People and Animals, Part I <i>Arkow</i>	SESSION 182 Flea-Borne Diseases in Free-Roaming Cats <i>Lashnits</i>	SESSION 188 Advanced Anesthesia for Critical Kidney Cases <i>Lafferty</i>	SESSION 194 When the Body Sickens the Eyes: Ocular Manifestations of Systemic Diseases <i>Kirby</i>	
SESSION 171 Feline Undesirable Elimination: Current Thoughts and Practices <i>Herron</i>	SESSION 177 All in This Together: Pooling Shelter Resources to Help People and Animals, Part II <i>Arkow</i>	SESSION 183 Clinical Utility of Fecal Transplant for Parvovirus Enteritis in Shelter Dogs <i>Winston</i>	SESSION 189 Nuts and Bolts: Understanding and Using Your Anesthesia Machine <i>Lafferty</i>	SESSION 195 Is There Light at the End of the Tunnel? Causes of Blindness <i>Kirby</i>	1:30 – 2:30

A 11:45 – 1:15
End of Life in Veterinary Medicine: Euthanasia, Natural Death, and Moral Distress
Yaxley

CE SCHEDULE // Friday, Feb. 18

8:00 – 9:00

ANIMAL ABUSE

SESSION 200

Recognizing, Recording, and Reporting Suspected Animal Abuse and Neglect, Part I
Arkow

ANIMAL BEHAVIOR

SESSION 206

Control: The Other Primary Reinforcer
Friedman

EQUINE

SESSION 212

Equine Foot Research
Beasley

FOOD ANIMAL

SESSION 218

Ruminant Fractures: Management Strategies for the Farm and Clinic
Lozier

HOLISTIC & INTEGRATIVE MED.

SESSION 224

Essential Oil Essentials, Part I
Falck

9:15 – 10:15

SESSION 201

Recognizing, Recording, and Reporting Suspected Animal Abuse and Neglect, Part II
Arkow

SESSION 207

What's Emotion Got to Do with It?
Friedman

SESSION 213

Advanced Imaging and Equine Podiatry
Beasley

SESSION 219

Septic Arthritis in Calves: Diagnosis, Treatment, and Outcomes
Lozier

SESSION 225

Essential Oil Essentials, Part II
Falck

10:30 – 11:30

SESSION 202

Horses 101 for Small Animal Veterinarians
Vale

SESSION 208

Puppy Behavior Patients: How to Communicate with Their Pet Parents
Feltes

SESSION 214

Veterinarian-Farrier Relationship
Beasley

SESSION 220

Recognizing and Responding to Suspected Cases of Farm Animal Cruelty: The Role of the Veterinarian
Pempek

SESSION 226

Essential Oils for Wound Care
Falck

LUNCH & EXHIBIT HALL // 11:30 – 1:30

1:30 – 2:30

SESSION 203

Recognizing and Reporting Equine Abuse and Neglect
Vale

SESSION 209

Taking "Psycho" Out of "Psychopharmacology": Basics and Uses for General Practice
Feltes

SESSION 215

Clinical Approach to Equine Muscle Disease
Valberg

SESSION 221

Breeding Soundness Evaluations in the Bull
Runcan

SESSION 227

Why the Atlas Should Not be Overlooked
Ormston

2:45 – 3:45

SESSION 204

How to Use the AAEP's Welfare Toolkit
Vale

SESSION 210

Family Conflict: Aggression Between Household Dogs
Feltes

SESSION 216

Why Are Horses So Susceptible to Rhabdomyolysis?
Valberg

SESSION 222

Reproductive Surgery in Bulls
Niehaus

SESSION 228

Current Research in Animal Chiropractic
Ormston

4:00 – 5:00

SESSION 205

Equine Abuse: Perception versus Reality
Vale

SESSION 211

Hot Mess Express: Normal Nuisance Behaviors
Feltes

SESSION 217

Treatment and Prevention of Rhabdomyolysis
Valberg

SESSION 223

Reproductive Surgery in Cows
Niehaus

SESSION 229

Chiropractic in Production Animal Medicine
Ormston

EXHIBIT HALL HOUR // 5:00 – 6:00

SPONSORS



Note: Tracks highlighted in yellow will be recorded and made available on the Virtual Platform.

PET ANIMAL DENTISTRY	PET ANIMAL ONCOLOGY	PET ANIMAL RADIOLOGY & SURGERY	PET ANIMAL URINARY	PRACTICE MANAGEMENT I	
SESSION 230 How to Surgically Extract a Mandibular Canine and Mandibular First Molar <i>Greenfield</i>	SESSION 236 Canine Lymphoma for the Busy Practitioner <i>Ettinger</i>	SESSION 242 Why "Woundn't" You Manage This? A Practical Approach to Wound Management <i>Howard</i>	SESSION 248 Urinalysis: Getting the Most from Liquid Gold <i>Bartges</i>	SESSION 254 How to Not Run Out of Inventory Items <i>Clausen</i>	8:00 – 9:00
SESSION 231 How to Surgically Extract Caudal Maxillary Cheek Teeth <i>Greenfield</i>	SESSION 237 Feline Lymphoma for the Busy Practitioner <i>Ettinger</i>	SESSION 243 Potpourri of Surgery: Tips, Tricks, and Common Questions <i>Howard</i>	SESSION 249 Chronic Kidney Disease: Something New for Something Old <i>Bartges</i>	SESSION 255 How to Reduce Your Inventory Costs <i>Clausen</i>	9:15 – 10:15
SESSION 232 Start Anesthetic Dentistry Early for Lifelong Success <i>Greenfield</i>	SESSION 238 What's New in Mast Cell Tumors 2022 <i>Ettinger</i>	SESSION 244 Pain in the Rear: A Comprehensive Approach to Perineal Hernias <i>Howard</i>	SESSION 250 Treating Micturition Disorders: Fixing the Leak <i>Bartges</i>	SESSION 256 Inventory Management Best Practices <i>Clausen</i>	10:30 – 11:30
SESSION 233 Don't Neglect Those Cats! How Tooth Resorption Must be Addressed <i>Greenfield</i>	SESSION 239 Stelfonta® FAQs <i>Ettinger</i>	SESSION 245 Imaging of Gastrointestinal Obstruction <i>Biller</i>	SESSION 251 Urolithiasis: Summary of the ACVIM Consensus Statement <i>Bartges</i>	SESSION 257 The Inventory Trifecta: Reducing Inventory Costs, Stockouts, and Time Spent <i>Clausen</i>	1:30 – 2:30
SESSION 234 Oral Oncology 101 <i>Greenfield</i>	SESSION 240 Cancer ABCs: Aspirates, Biopsies, and Cytology <i>Ettinger</i>	SESSION 246 Imaging of the Young Laminate Canine Patient <i>Biller</i>	SESSION 252 Urinary Tract Infections: Bad Bugs and Bladder Drugs <i>Bartges</i>	SESSION 258 How to Squeeze Your Inventory Before It Squeezes You <i>Clausen</i>	2:45 – 3:45
SESSION 235 Aristotle Taught Us How to Get Clients on Board with Oral Care <i>Greenfield</i>	SESSION 241 Hemangiosarcoma Cliffs Notes: What You Need to Know <i>Ettinger</i>	SESSION 247 Case Studies: Thoracic, Abdominal, and Juvenile Bone Disease <i>Biller</i>	SESSION 253 Feline Idiopathic Cystitis: Cat Bladders and How to Live with Them <i>Bartges</i>	SESSION 259 What To Stock and How to Price Your Inventory <i>Clausen</i>	4:00 – 5:00



CE SCHEDULE // Friday, Feb. 18

	PRACTICE MANAGEMENT II	PUBLIC HEALTH	SHELTER ANIMAL	SMALL RUMINANTS	STAFF DEVELOPMENT
8:00 – 9:00	SESSION 260 Inventory Accounting: Getting it Right is Critical! <i>Felsted</i>	SESSION 266 Emergence of Canine Leptospirosis in the U.S.: Where It's 'Hot' and 'Not' <i>Smith</i>	SESSION 272 Ergonomics in the Veterinary Clinic <i>White</i>	SESSION 278 Breeding Soundness Evaluation in the Ram and Buck <i>Runca</i>	SESSION 284 Keeping the Good Ones <i>Morbitt</i>
9:15 – 10:15	SESSION 261 Pricing Strategies to Improve the Bottom Line, Part I <i>Felsted</i>	SESSION 267 Protecting Dogs from Leptospirosis: From Vaccination to Dodging Puddles <i>Smith</i>	SESSION 273 Ergonomics for the High-Volume Surgeon <i>White</i>	SESSION 279 Practitioner's Guide to Perineal Urethrostomy and Tube Cystostomy <i>Niehaus</i>	SESSION 285 Effective Communication in the Workplace <i>Morbitt</i>
10:30 – 11:30	SESSION 262 Pricing Strategies to Improve the Bottom Line, Part II <i>Felsted</i>	SESSION 268 Dog and Public Health Aspects of Leptospirosis <i>Sykes</i>	SESSION 274 HQHVSN Techniques, Part I: Canine and Feline Basics <i>White</i>	SESSION 280 Dental Disease in Small Ruminants and Camelids <i>Niehaus</i>	SESSION 286 Reduce Workplace Stress by Resolving Conflict <i>Stevenson</i>

LUNCH & EXHIBIT HALL // 11:30 – 1:30

1:30 – 2:30	SESSION 263 Profitability is NOT the Same as Net Income <i>Felsted</i>	SESSION 269 The Fatal Furry Friend: Bite Wound Infections That Kill <i>Sykes</i>	SESSION 275 HQHVSN Techniques, Part II: Complicated Patients <i>White</i>	SESSION 281 Strategies for Estrous Synchronization in Sheep <i>Garcia Guerra</i>	SESSION 287 Improve Prioritization in Work and Life <i>Stevenson</i>
2:45 – 3:45	SESSION 264 Translate Management Decisions into Dollars and Cents <i>Felsted</i>	SESSION 270 Zoonotic <i>Bartonella</i> Infection and Neuropsychiatric Illness in Humans <i>Lashnits</i>	SESSION 276 HQHVSN Surgical Complications and Challenges, Part I <i>White</i>	SESSION 282 Triage for the Thin Camelid: How to Evaluate and Treat <i>Walker</i>	SESSION 288 Compassion Fatigue: Prevention, Recognition, and Treatment <i>Williams</i>
4:00 – 5:00	SESSION 265 Selling Your Practice: Avoid These Fatal Mistakes! <i>Felsted</i>	SESSION 271 Bartonellosis in Dogs and Cats: Epidemiology and Clinical Decision Making <i>Lashnits</i>	SESSION 277 HQHVSN Surgical Complications and Challenges, Part II <i>White</i>	SESSION 283 Neonatal Diseases and Disorders of Camelids: How to Keep Them Healthy <i>Walker</i>	SESSION 289 Question, Persuade, Refer: Three Steps Anyone Can Use to Prevent Suicide <i>Williams</i>

EXHIBIT HALL HOUR // 5:00 – 6:00

SPONSORS



Note: Tracks highlighted in yellow will be recorded and made available on the Virtual Platform.

TECHNICIAN I	TECHNICIAN II	WELLNESS	SPECIAL PROGRAMS	SPECIAL PROGRAMS	
SESSION 290 Just Kidding Around: Dystocia and Neonatal Care in Farm Animals <i>VanHoy</i>	SESSION 296 Veterinary Technician Specialties Panel, Part I <i>Kirby, Lafferty, Lemmenes, Porter, and Wereszczak</i>	SESSION 302 The Art and (Brain) Science of "Peopling" <i>Brandt</i>	B 8:30–11:30 Imaging Rounds: Making Sense of Your Ultrasound Images <i>Habing</i>		8:00 – 9:00
SESSION 291 A Baker's Dozen: Common Parasite Eggs in Large Animals <i>VanHoy</i>	SESSION 297 Veterinary Technician Specialties Panel, Part II <i>Kirby, Lafferty, Lemmenes, Porter, and Wereszczak</i>	SESSION 303 Wellbeing and the Snake Oil Parable <i>Brandt</i>			9:15 – 10:15
SESSION 292 Pregnancy Toxemia: The Challenge of Diabetes in Late Pregnancy <i>VanHoy</i>	SESSION 298 Veterinary Technician Specialties Panel, Part III <i>Kirby, Lafferty, Lemmenes, Porter, and Wereszczak</i>	SESSION 304 Emotional Blackmail: How to End the Cycle <i>Brandt</i>			10:30 – 11:30
SESSION 293 Animals with One Stomach are Underachieving <i>VanHoy</i>	SESSION 299 Equine Emergencies: Be Prepared! <i>Lemmenes</i>	SESSION 305 The Art of Saying "No" <i>Peterson</i>	C 1:30–3:00 Essential Oil Organoleptics <i>Falck</i>	D 1:30 – 3:00 A Case-Based Approach to Hepatic Disease <i>Howard, Parker, Rudinsky, and Winston</i>	1:30 – 2:30
SESSION 294 Case Studies: Acute Abdomen in Farm Animals <i>VanHoy</i>	SESSION 300 Neonatal Care: Is Your Team Ready for Foaling Season? <i>Lemmenes</i>	SESSION 306 Professional Hazing, Gaslighting, and Discrimination: What's the Difference? <i>Peterson</i>			2:45 – 3:45
SESSION 295 Inside the Mind of a Vet Student: The Technician's Role in Teaching Shadow Students <i>VanHoy</i>	SESSION 301 Working With a Neurologic Horse: Be Prepared, Be Safe! <i>Lemmenes</i>	SESSION 307 Leaders Building a Culture of Wellbeing (Hint: No Yoga or Mindfulness Involved) <i>Peterson</i>			4:00 – 5:00

Sessions 302–304



SPONSORS

CE SCHEDULE // *Saturday, Feb. 19*

	ANIMAL BEHAVIOR	AQUACULTURE	EQUINE	FOOD ANIMAL	HOLISTIC & INTEGRATIVE MED.
8:00 – 9:00	SESSION 400 The Language of Meow: Decoding Cat Body Language and Social Behavior <i>Siracusa</i>	SESSION 406 All You Need to Know About Fish Health: It's Probably Something in the Water, Part I <i>Neves</i>	SESSION 409 Type 2 Polysaccharide Storage Myopathy and Myofibrillar Myopathy in Warmbloods <i>Valberg</i>	SESSION 415 Immune Development in Calves <i>Abuelo</i>	SESSION 421 Essential Oil Analgesia <i>Falck</i>
9:15 – 10:15	SESSION 401 The Feline Dream Home: Creating a Welfare-Friendly Home <i>Siracusa</i>	SESSION 407 All You Need to Know About Fish Health: It's Probably Something in the Water, Part II <i>Neves</i>	SESSION 410 Generalized Muscle Atrophy in Horses: Will it Come Back? <i>Valberg</i>	SESSION 416 Calf Vaccination: Science and Strategies <i>Abuelo</i>	SESSION 422 End-of-Life Comfort Care with Essential Oils <i>Falck</i>
10:30 – 11:30	SESSION 402 Do Cats Mean to be Mean? Part I: Cat Aggression to People <i>Siracusa</i>	SESSION 408 All You Need to Know About Fish Health: It's Probably Something in the Water, Part III <i>Neves</i>	SESSION 411 Movement Disorders in Horses: Shivers, Stringhalt, and More <i>Valberg</i>	SESSION 417 Impact of Early Life Events on the Health and Productivity of Dairy Heifers <i>Abuelo</i>	SESSION 423 Essential Oils for Veterinary Wellbeing <i>Falck</i>

LUNCH & EXHIBIT HALL // 11:30 – 1:30

1:30 – 2:30	SESSION 403 Do Cats Mean to be Mean? Part II: Aggression Between Cats <i>Siracusa</i>	SESSION 412 Equine Cutaneous Neoplasia <i>McCracken</i>	SESSION 418 Managing <i>Salmonella</i> Dublin in Calves <i>Abuelo</i>	SESSION 424 "Fixing" the Neurological Animal for the Common Joe <i>Ormston</i>
2:45 – 3:45	SESSION 404 My House is Not Your Toilet! Decoding Feline Elimination Problems <i>Siracusa</i>	SESSION 413 Management Strategies for Challenging Equine Wounds <i>McCracken</i>	SESSION 419 Potbellied Pig Primary Care, Part I <i>Millward</i>	SESSION 425 Alternative Therapies for the Neurological Animal <i>Ormston</i>
4:00 – 5:00	SESSION 405 Understanding and Managing Inappropriate Scratching in Cats <i>Siracusa</i>	SESSION 414 Techniques for Management of Equine Septic Arthritis <i>McCracken</i>	SESSION 420 Potbellied Pig Primary Care, Part II <i>Millward</i>	SESSION 426 Thank Goodness, It's All Neurology <i>Ormston</i>

EXHIBIT HALL HOUR // 5:00 – 6:00

Note: Tracks highlighted in yellow will be recorded and made available on the Virtual Platform.

PET ANIMAL CRITICAL CARE	PET ANIMAL DERMATOLOGY	PET ANIMAL GASTROINTESTINAL	PET ANIMAL OPHTHALMOLOGY	PRACTICE MANAGEMENT I	
SESSION 427 Dyspnea: A Pattern-Based Approach to Respiratory Distress <i>Byers</i>	SESSION 433 Otitis: Clinical Assessment and Therapeutic Approaches, Part I <i>Gram and Santoro</i>	SESSION 439 Gastrointestinal Foreign Bodies in Dogs and Cats: Diagnosis and Treatment <i>Forman</i>	SESSION 445 When to Worry: Complicated Canine Corneal Disease <i>Metzler</i>	SESSION 451 Human Resources Law 101 for Owners and Managers <i>Young</i>	8:00 – 9:00
SESSION 428 Common Cardiac Emergencies in Cats and Dogs <i>Byers</i>	SESSION 434 Otitis: Clinical Assessment and Therapeutic Approaches, Part II <i>Gram and Santoro</i>	SESSION 440 Cholangitis: Easy to Diagnose, But Easy to Miss <i>Forman</i>	SESSION 446 The Eye is the Window: Ocular Manifestations of Systemic Disease <i>Metzler</i>	SESSION 452 Shape Up or Ship Out: Best Practices for Employee Discipline and Termination, Part I <i>Young</i>	9:15 – 10:15
SESSION 429 Immune Thrombocytopenia: Practical Diagnosis and Management <i>Byers</i>	SESSION 435 Pruritus: Diagnostics and Therapeutics, Part I <i>Gram and Santoro</i>	SESSION 441 Gastrointestinal Dysmotility Disorders: Causes, Diagnosis, and Treatment <i>Forman</i>	SESSION 447 Cataract or Nuclear Sclerosis? What to Do with the Cloudy Lens <i>Miller</i>	SESSION 453 Shape Up or Ship Out: Best Practices for Employee Discipline and Termination, Part II <i>Young</i>	10:30 – 11:30
SESSION 430 Practical Approach to Shock in Cats and Dogs <i>Byers</i>	SESSION 436 Pruritus: Diagnostics and Therapeutics, Part II <i>Gram and Santoro</i>	SESSION 442 Feline Pancreatitis: Getting the Diagnosis and Providing Therapy <i>Forman</i>	SESSION 448 Common Ocular Neoplasia: How Aggressive Should Treatment Be? <i>Miller</i>	SESSION 454 Employee Handbooks: The Good, the Bad, and the Ugly <i>Young</i>	1:30 – 2:30
SESSION 431 Practical Approach to Urethral Obstruction in Cats <i>Byers</i>	SESSION 437 Pruritus: Diagnostics and Therapeutics, Part III <i>Gram and Santoro</i>	SESSION 443 IBD: Reaching a Definitive Diagnosis and Managing Difficult Cases <i>Forman</i>	SESSION 449 The Red Eye: Conjunctival Disease, or Something Else? <i>Newbold</i>	SESSION 455 To Pay Overtime or Not to Pay Overtime? That is the Question <i>Young</i>	2:45 – 3:45
SESSION 432 Hypoadrenocorticism: A Practical Approach to the Great Pretender <i>Byers</i>	SESSION 438 Pruritus: Diagnostics and Therapeutics, Part IV <i>Gram and Santoro</i>	SESSION 444 Canine Hepatopathies: Matching the Ultrasound Findings with Biopsy Options <i>Forman</i>	SESSION 450 Common Ocular Emergencies: When to Treat and When to Refer <i>Newbold</i>	SESSION 456 Top Five Manager Mistakes that Spark Lawsuits and How to Correct Them <i>Young</i>	4:00 – 5:00

CE SCHEDULE // Saturday, Feb. 19

	PRACTICE MANAGEMENT II	PUBLIC HEALTH	SHELTER ANIMAL	SMALL RUMINANTS	STAFF DEVELOPMENT
8:00 – 9:00	SESSION 457 Essential Strategies to Maximize Communication Effectiveness <i>Campbell</i>	SESSION 463 Public Health Implications of Antimicrobial-Resistant Bacteria <i>Sykes</i>	SESSION 469 Kittens, Part I: Morbidity and Mortality in Shelters and Rescues <i>Berliner</i>	SESSION 475 Laparoscopic Artificial Insemination, Part I: Is it Something I Can Do? <i>Gately</i>	SESSION 481 It's Not Always Training: Mastering the Training Needs Analysis <i>Romano</i>
9:15 – 10:15	SESSION 458 Surgery and Communication During a Pandemic: A Delicate Balance <i>Campbell</i>	SESSION 464 When You Hear Hooves, Think Zebras: The Unexpected Zoonosis <i>Sykes</i>	SESSION 470 Kittens, Part II: Medical Management and Best Care Practices <i>Berliner</i>	SESSION 476 Laparoscopic Artificial Insemination, Part II: Secrets of Success <i>Gately</i>	SESSION 482 How to Train Your Centennial <i>Romano</i>
10:30 – 11:30	SESSION 459 I Hate to be the Bearer <i>Campbell</i>	SESSION 465 Vector-Borne Disease in a One-Health Context, Part I <i>Lashnits</i>	SESSION 471 Diagnosis and Management of House Soiling in Shelter Cats <i>Berliner</i>	SESSION 477 Laparoscopic Artificial Insemination, Part III: The Role of High-Quality Semen <i>Gately</i>	SESSION 483 Managing Passive-Aggressive Personalities, Part I <i>Romano</i>

LUNCH & EXHIBIT HALL // 11:30 – 1:30

1:30 – 2:30	SESSION 460 Wound Healing: Reckoning with the Past, Understanding the Present, and Creating the Future for a More Inclusive Veterinary Profession <i>Campbell</i>	SESSION 466 Vector-Borne Disease in a One-Health Context, Part II <i>Lashnits</i>	SESSION 472 Diagnosis and Treatment of Feline Infectious Peritonitis <i>Berliner</i>	SESSION 478 Cosmetic Dehorns for the Ambulatory Practitioner <i>Gately</i>	SESSION 484 Managing Passive-Aggressive Personalities, Part II <i>Romano</i>
2:45 – 3:45	SESSION 461 When Media Calls: The Role of Media in Veterinary Communication <i>Campbell</i>	SESSION 467 SARS-CoV-2 Infections in Non-Human Animals <i>Lashnits</i>	SESSION 473 Companion Animal Population Health: It's About Much More than Sheltering <i>Berliner</i>	SESSION 479 The War on Worms, Part I: Practical Guide to Diagnostics <i>VanHoy</i>	SESSION 485 Falling in Love with Feedback <i>Romano</i>
4:00 – 5:00	SESSION 462 Tying the Knot: Effective Communication Between Surgery and Primary Veterinary Healthcare Team <i>Campbell</i>	SESSION 468 Human Pathogens Associated with <i>Ixodes Scapularis</i> <i>Lashnits</i>	SESSION 474 Design and Staffing of Medical Programs in Shelters <i>Berliner</i>	SESSION 480 The War on Worms, Part II: Integrated Parasite Control Options for Your Clients <i>VanHoy</i>	SESSION 486 Training When There's No Time <i>Romano</i>

EXHIBIT HALL HOUR // 5:00 – 6:00

SPONSORS



Note: Tracks highlighted in yellow will be recorded and made available on the Virtual Platform.

TECHNICIAN I	TECHNICIAN II	SPECIAL PROGRAMS	SPECIAL PROGRAMS	SPECIAL PROGRAMS	
SESSION 487 Blood Transfusions: A Technician's Guide <i>Porter</i>	SESSION 493 Why is This Dog Crying? Managing Canine Corneal Ulcers <i>Kirby</i>	E 8:00–11:30 Oral Surgical Extractions in the Dog <i>Greenfield</i>			8:00 – 9:00
SESSION 488 Addison's: Hypo Adrenals and The Great Pretender <i>Porter</i>	SESSION 494 Equine Cataract Surgery: Which Horses and Owners are Ideal Candidates <i>Kirby</i>		G 9:30–11:30 High-Quality, High-Volume Spay Neuter Techniques <i>White</i>		9:15 – 10:15
SESSION 489 Coagulation: Balancing Hemostasis <i>Porter</i>	SESSION 495 A Breath of Fresh Air: High-Flow Oxygen Delivery <i>Wereszczak</i>				10:30 – 11:30
SESSION 490 Gallbladder Disease: Mucocele, Cholecystitis, Oh My! <i>Porter</i>	SESSION 496 Nursing Assessment of the Critically Ill Patient <i>Wereszczak</i>	F 1:30–5:00 Oral Surgical Extractions and Crown Amputations in the Cat <i>Greenfield</i>	I 1:30–3:00 Blending Essential Oils <i>Falck</i>	H1 12:15 – 2:45 H2 1:15 – 3:45 Small Ruminant Male Breeding Soundness Exam <i>Cochran</i>	1:30 – 2:30
SESSION 491 Hepatitis: Jaundiced and Inflamed <i>Porter</i>	SESSION 497 No Small Problem: Neonatal Emergencies <i>Wereszczak</i>				2:45 – 3:45
SESSION 492 Pain Recognition: Advocating for Patients <i>Porter</i>	SESSION 498 Central Venous Catheters: Placement, Care, and Complications <i>Wereszczak</i>				4:00 – 5:00

SESSION DESCRIPTIONS // Thursday, Feb. 17

Note: The following session descriptions have been edited for length. To read the complete descriptions, please visit www.mvcinfo.org/education.

ANIMAL BEHAVIOR

100-105 8 a.m. – 5 p.m.

Principles and Practice of Behavior Change: A Short Course

Susan G. Friedman, Ph.D.

Audience: V, T, BT, MO, HS, SS // Level: 1, 2, 3

Topics covered in this day-long seminar will include:

- The significance of science to behavior consulting
- Respondent and operant learning
- Functional assessment
- The commitment to ethical practice
- Procedures for changing behavior

EQUINE

106 8 – 9 a.m.

Preservation of Equine Genetics: What are the Options?

Marco Coutinho da Silva, DVM, Ph.D., DACT

Audience: V // Level: 1, 2, 3

This session will cover:

- Techniques for preserving the genetic potential of a horse that would otherwise be lost
- Embryo freezing, post-mortem oocyte collection, epididymal semen cryopreservation, and cloning

107 9:15 – 10:15 a.m.

Sperm versus Uterus: Controlling Inflammation to Increase Fertility

Marco Coutinho da Silva, DVM, Ph.D., DACT

Audience: V // Level: 1, 2, 3

This session will discuss:

- The major physiological and pathological processes that occur during the interaction of sperm and the uterus
- Strategies to modulate the post-breeding inflammatory process

108 10:30 – 11:30 a.m.

Bad Behavior in Mares: Ovarian Tumor or Spoiled Brat?

Marco Coutinho da Silva, DVM, Ph.D., DACT

Audience: V // Level: 1, 2, 3

This session will:

- Explain a methodical way to work up similar cases
- Explore potential causes for the abnormal behavior, which may or may not be related to reproductive cycles

109 1:30 – 2:30 p.m.

Clinical Case Discussions

Marco Coutinho da Silva, DVM, Ph.D., DACT

Audience: V // Level: 1, 2, 3

In this interactive session, attendees will:

- Hear clinical cases involving both mares and stallions
- Discuss their own experiences with the audience

110-111 2:45 – 5 p.m.

Equine Laminitis

Brian Beasley, DVM, CJF, DWCF, DACVSMR

Audience: V, T, MO, HS // Level: 1, 2, 3

This two-part session will discuss:

- The pathophysiology/diagnostics of equine laminitis
- Treatment management of equine laminitis patients

FOOD ANIMAL

112 8 – 9 a.m.

Become a Mixed Animal Veterinarian! Adding Poultry to Your Companion Animal Practice

Timothy McDermott, DVM

Audience: V, T // Level: 1, 2

This session will provide a foundation for adding poultry services to a companion animal practice. Attendees will learn about common backyard poultry diseases and basic diagnostic sampling techniques.

113 9:15 – 10:15 a.m.

Introduction to Bee Vet Medicine

Tracy S. Farone, DVM

Audience: V, T // Level: 1

This lecture will review FDA rules and the veterinarian-client-patient relationship (VCPR), as they pertain to bees and beekeepers. Topics will include:

- The diagnostic process used in apiaries
- Bacterial diseases of honey bees
- Antibiotics used to treat honey bees
- Use of veterinary feed directives (VFDs)
- The types of beekeepers
- How to develop VCPRs with beekeepers
- Practical bee medicine resources

114 10:30 – 11:30 a.m.

Honey Bee Biology: What is Normal?

Tracy S. Farone, DVM

Audience: V, T // Level: 1

This lecture will discuss:

- Biology, anatomy, and physiology of the honey bee, both from an individual and super-organism perspective
- Hive organization and bee behavior
- Reproduction and colony lifecycle

115 1:30 – 2:30 p.m.

Bee Infectious Diseases: Beyond Foulbrood

Tracy S. Farone, DVM

Audience: V, T // Level: 1, 2

Honey bees get infectious diseases, just like every animal. This lecture will briefly describe:

- Parasitic, viral, and fungal diseases of honey bees
- *Varroa destructor*, the "tick" of the bee
- Signs, diagnosis, prevention, treatment, and prognosis

116 2:45 – 3:45 p.m.

Honey Bee Nutrition

Tracy S. Farone, DVM

Audience: V, T // Level: 1, 2

This lecture will cover:

- Why nutrition is one of the pillars of bee survival
- Nutritional needs of the honey bee
- Proper supplementation of honey bees over the seasons
- Environmental stressors related to bee nutrition

117 4 – 5 p.m.

African Swine Fever: Getting Ohio Ready

Dennis Summers, DVM, DACVPM

Audience: V, T, MO // Level: 1, 2, 3

This session will discuss:

- The status of African swine fever (ASF) on a global scale
- Recent ASF events in the western hemisphere
- Ohio's preparations for ASF as a state
- Roles of veterinarians in ASF prevention
- Programs for accredited veterinarians and producers

HOLISTIC & INTEGRATIVE MEDICINE

118 8 – 9 a.m.

Acupuncture: Does It Work? Who Says?

Patricia Baley, DVM, Ph.D., cVA, cVCH

Audience: V, T, MO, HS // Level: 1, 2, 3

This session will answer basic questions related to the science of acupuncture, including:

- Who's qualified to comment, and who's an expert?
- What scientific evidence is there for acupuncture as a treatment in veterinary settings?

119 9:15 – 10:15 a.m.

Acupuncture at the Level of the Cell

Patricia Baley, DVM, Ph.D., cVA, cVCH

Audience: V // Level: 1, 2, 3

This session will discuss:

- Studies on the cellular effects of acupuncture
- What happens to cells during acupuncture, specifically in terms of mitochondrial changes
- Why mitochondrial changes are clinically important

120 10:30 – 11:30 a.m.

Chinese Herbal Medicine at the Level of the Cell

Patricia Baley, DVM, Ph.D., cVA, cVCH

Audience: V // Level: 1, 2, 3

This session will explore using herbs to treat animals and address the following topics:

- How herbal medicines differ from pharmaceutical drugs
- Safety of herbal supplements
- What happens with herbs on a cellular level

121-122

1:30 – 3:45 p.m.

Introduction to Channel Theory

Patricia Baley, DVM, Ph.D., cVA, cVCH

Audience: V // Level: 2, 3

This two-part session will explore:

- Channel approaches to acupuncture
- Instances in which a channel approach for point location is preferred over a TCVM approach
- Benefits of using fewer needles in a treatment
- Point location through different channel models
- Choosing the correct channel approach

123

4 – 5 p.m.

You Fixed THAT with Chinese Medicine?

Patricia Baley, DVM, Ph.D., cVA, cVCH

Audience: V, T, MO // Level: 1, 2, 3

This case-based session will explore:

- Integrating acupuncture, herbs, and food therapies
- How these methods can help patients without a conventional medical treatment

PET ANIMAL ANESTHESIA & PAIN MANAGEMENT

124

8 – 9 a.m.

Diagnosing Osteoarthritis in Cats

Sheilah Ann Robertson, BVMS (Hons), Ph.D., DACVAA, DECVA, DACAW, DECAWBM (WSEL), CVA

Audience: V, T // Level: 2

Research shows that 60 percent to 90 percent of all cats have radiographic evidence of osteoarthritis. In this session, attendees will learn:

- How to screen cats with mobility impairment and pain
- Why client video clips are a key part of diagnosis
- How orthopedic examinations of cats differ from dogs

125

9:15 – 10:15 a.m.

Treatment Options for Cats with Osteoarthritis

Sheilah Ann Robertson, BVMS (Hons), Ph.D., DACVAA, DECVA, DACAW, DECAWBM (WSEL), CVA

Audience: V, T // Level: 2

This session will discuss:

- What drives osteoarthritis-related pain in cats
- Why a multimodal and integrative plan is needed to achieve comfort and restore mobility
- Current treatment protocols
- New targeted therapies, including monoclonal antibodies that target nerve growth factor

126

10:30 – 11:30 a.m.

Acute and Chronic Pain: Is There a Connection?

Sheilah Ann Robertson, BVMS (Hons), Ph.D., DACVAA, DECVA, DACAW, DECAWBM (WSEL), CVA

Audience: V, T // Level: 2, 3

This lecture will explore:

- Adaptive and maladaptive pain and why these terms are better suited than acute and chronic
- Why and how adaptive pain can become maladaptive

- Which patients are at risk of developing persistent post-operative pain

- Ways to prevent long-term pain after surgery

127

1:30 – 2:30 p.m.

Ketamine's Role in Pain Management

Sheilah Ann Robertson, BVMS (Hons), Ph.D., DACVAA, DECVA, DACAW, DECAWBM (WSEL), CVA

Audience: V, T // Level: 1, 2

In this session, attendees will learn:

- How ketamine can be more than a dissociative anesthetic when it comes to managing pain
- The importance of N-methyl-D-aspartate receptors
- What central plasticity is and its role in long-term pain
- About ketamine's neuroprotective properties
- Evidence for potential anti-endotoxic effects of ketamine

128

2:45 – 3:45 p.m.

The Impact of Obesity on Anesthesia

Sheilah Ann Robertson, BVMS (Hons), Ph.D., DACVAA, DECVA, DACAW, DECAWBM (WSEL), CVA

Audience: V, T // Level: 1, 2

In this session, attendees will learn:

- Current statistics on feline and canine obesity
- Why obese pets are high-risk anesthesia cases
- How a change in body composition affects the actions of anesthetic drugs
- How to reduce risk of anesthesia in obese cats and dogs

129

4 – 5 p.m.

Preventing Adverse Anesthesia Events

Sheilah Ann Robertson, BVMS (Hons), Ph.D., DACVAA, DECVA, DACAW, DECAWBM (WSEL), CVA

Audience: V, T, SS // Level: 1, 2

In this session, attendees will learn:

- The anatomy of medical errors
- Why checklists save lives and which checklists will work for their clinic
- Equipment that can help prevent accidents
- Why patients require close observation in the immediate post-anesthetic period

PET ANIMAL AVIAN

130

8 – 9 a.m.

Avian Reproduction: Solving Common Problems

Lauren Thielen, DVM, DABVP (Avian Practice)

Audience: V, T // Level: 1, 2, 3

This session will focus on:

- Cloacal and oviductal prolapses
- When egg laying goes wrong
- Infections of the reproductive tract
- Utility of gonadotropin-releasing hormone agonists
- Behaviorally induced reproductive issues

131

9:15 – 10:15 a.m.

Avian Diagnostic Clinical Pathology: From Blood Sampling to Interpretation

Lauren Thielen, DVM, DABVP (Avian Practice)

Audience: V, T // Level: 1, 2, 3

This lecture will discuss the importance of laboratory values on clinical case management. Topics will include:

- Blood sampling and handling
- Defining what chemistry values are clinically relevant in avian medicine
- How to evaluate each organ system via clinical pathology
- Protein and globulin interpretation: the protein electrophoresis

132

10:30 – 11:30 a.m.

Avian Radiology: Curing the Coelomic Confusion

Lauren Thielen, DVM, DABVP (Avian Practice)

Audience: V, T // Level: 1, 2, 3

This session will use case examples and current literature to demonstrate:

- Obtaining proper diagnostic positioning
- Reinforcing your avian radiology interpretation
- Establishing baselines for interpretation of each organ system

133

1:30 – 2:30 p.m.

Atherosclerosis and Cardiovascular Disease in Avian Patients

Lauren Thielen, DVM, DABVP (Avian Practice)

Audience: V // Level: 1, 2, 3

This lecture will focus on:

- Diagnosis of cardiac disease in birds
- Immediate and long-term treatment options
- Atherosclerosis and how to deal with the most common cardiac lesion in psittacines
- Congestive heart failure

134

2:45 – 3:45 p.m.

Clinical Approach to Feather Picking in Parrots

Lauren Thielen, DVM, DABVP (Avian Practice)

Audience: V, T // Level: 1, 2, 3

This lecture will highlight:

- Underlying causes of feather destructive behavior
- Treatment strategies
- Coping with a feather picking bird

135

4 – 5 p.m.

Avian Respiratory Disease: Tackling the Tail Bob

Lauren Thielen, DVM, DABVP (Avian Practice)

Audience: V, T // Level: 1, 2, 3

This session will primarily focus on:

- Brief overview of the unique avian respiratory anatomy and physiology
- Respiratory diagnostics and therapeutics
- Sinusitis challenges
- Air sac tube placement
- Dealing with aspergillosis

SESSION DESCRIPTIONS // Thursday, Feb. 17

PET ANIMAL FELINE

136 8 – 9 a.m.

Feeding the Finicky Kidney Kitty

Jessica M. Quimby, DVM, Ph.D., DACVIM

Audience: V, T // Level: 1, 2, 3

In this session, attendees will:

- Review nutritional assessment of CKD patients
- Learn updates on diet conundrums in CKD
- Discuss optimizing diet for individual patients
- Get tips on managing appetite in CKD cats

137 9:15 – 10:15 a.m.

Updates on Management of Feline CKD

Jessica M. Quimby, DVM, Ph.D., DACVIM

Audience: V, T // Level: 1, 2, 3

In this session, attendees will:

- Review common complications of CKD
- Learn updates on medical management, including BP and proteinuria
- Discuss use of gabapentin in feline CKD
- Hear updates on approaching feline glomerular disease

138 10:30 – 11:30 a.m.

Feline Pyelonephritis

Jessica M. Quimby, DVM, Ph.D., DACVIM

Audience: V, T // Level: 1, 2, 3

In this session, attendees will:

- Review ideal diagnostics to assess the acute-on-chronic azotemic patient
- Consider what evidence supports the diagnosis of pyelonephritis
- Learn tips for management and follow up of pyelonephritis patients

139 1:30 – 2:30 p.m.

Conundrum of Subclinical Bacteriuria

Jessica M. Quimby, DVM, Ph.D., DACVIM

Audience: V, T // Level: 1, 2, 3

This session will cover:

- Definitions of subclinical bacteriuria
- Determining whether a patient fits in this category
- Appropriate management or monitoring strategies

140 2:45 – 3:45 p.m.

Recognizing Pain and Stress in Feline Patients

Jessica M. Quimby, DVM, Ph.D., DACVIM

Audience: V, T, HS, SS, BT // Level: 1, 2, 3

In this session, attendees will:

- Review behaviors consistent with pain in cats
- Hear about available pain assessment tools
- Discuss how stress may manifest
- Learn about resources for improving stress mitigation

141 4 – 5 p.m.

Feline Infectious Peritonitis: Revolutionary Times

Jessica M. Quimby, DVM, Ph.D., DACVIM

Audience: V, T, SS // Level: 1, 2, 3

This session will:

- Briefly review the clinical presentation of FIP
- Discuss advances in diagnostics for FIP
- Explore available therapies for FIP

PET ANIMAL RADIOLOGY & SURGERY

142 8 – 9 a.m.

Gastric Dilatation Volvulus: The A to Z of GDV

James Howard, DVM, M.S., DACVS-SA

Audience: V, T // Level: 1, 2

This session will discuss:

- Preoperative evaluation and stabilization of GDV patients
- Surgical procedures and techniques for GDV correction and gastropexy
- Intraoperative decision making and advanced surgical techniques to address gastric resection
- Postoperative management techniques and goals

143 9:15 – 10:15 a.m.

The Other Bladder: Does Surgery Really Matter? Gallbladder Mucoceles in Dogs

James Howard, DVM, M.S., DACVS-SA

Audience: V, T // Level: 1, 2

In this session, attendees will learn about:

- Etiology and pathophysiology of mucoceles
- Preoperative evaluation, diagnostics, and treatment
- Surgical gallbladder removal techniques
- Postoperative management of mucoceles

144 10:30 – 11:30 a.m.

Will that Pass? Approach to "Routine" Small Intestinal Foreign Body Obstruction

James Howard, DVM, M.S., DACVS-SA

Audience: V, T // Level: 1, 2

This session will cover:

- Anatomy and etiology of small intestinal blockage
- Preoperative signs, diagnostics, and interpretations
- Surgical procedures and tips for enterotomies

145 1:30 – 2:30 p.m.

Thoracic Radiography Involves More than the Lungs and Heart

David S. Biller, DVM, DACVR

Audience: V, T // Level: 1, 2, 3

This session will discuss a systematic technique for interpreting thoracic radiographs of the chest wall, diaphragm, mediastinum, and pleura/pleural space, using abnormal examples to emphasize the normal.

146 2:45 – 3:45 p.m.

Don't Panic about Pulmonary Patterns and Lung Disease

David S. Biller, DVM, DACVR

Audience: V, T // Level: 1, 2, 3

This session will explain how practitioners can use radiographic examination of the lungs to confirm pulmonary disease, evaluate severity and chronicity of disease, determine etiology, demonstrate location of disease, show associated changes of the lungs, and demonstrate progression or regression.

147 4 – 5 p.m.

Old Radiographic Techniques Revisited

David S. Biller, DVM, DACVR

Audience: V, T // Level: 1, 2, 3

This session will:

- Review older radiographic techniques, including compression and positional radiography, pneumogastrography, pneumocolons, and partial barium enemas
- Discuss advantages and indications for clinical practice
- Explore why and how these techniques can still be used as adjunct imaging studies in small animal practice

PRACTICE MANAGEMENT I

148 8 – 9 a.m.

Ohio Veterinary Medical Licensing Board Update

Kimberly A. Riker-Brown, DVM

Audience: V, T // Level: 1

This session will cover:

- New OVMLB rules, legislative impact, and initiatives
- Disciplinary process, cases, and resolutions
- The Veterinary Medical Practice Act
- OVMLB's wellness initiative

149 9:15 – 10:15 a.m.

Radiology Equipment Regulations

Ohio Department of Health

Audience: V, T // Level: 1, 2

All Ohio veterinary practices using radiology equipment either in their practice or in the field must be registered with the Ohio Department of Health. This session will cover regulations regarding their use and required protections in Ohio.

150 10:30 – 11:30 a.m.

Infectious Waste Rules

Ohio Environmental Protection Agency

Audience: V, T // Level: 1, 2

What constitutes infectious waste for veterinary practices under Ohio EPA regulations? Learn the rules for handling sharps and various other medical wastes in Ohio law. In most cases, it's easier than you think!

151 1:30 – 2:30 p.m.

Commercial Dog Breeding and Livestock Rules for the Practitioner

Dennis Summers, DVM, DACVPM

Audience: V // Level: 1

The Ohio Department of Agriculture will review the rules all practitioners need to be aware of, whether they have clients who are breeders, producers, or both.

152 2:45 – 3:45 p.m.

Pharmacy Regulations for Veterinary Practices

Cameron J. McNamee, MPP

Audience: V, T // Level: 1, 2

From TDDD licensing and drug security to prescriptions and compounding, the Ohio Board of Pharmacy impacts how all veterinarians use, store, and distribute prescription drugs. In this session, attendees will learn about their responsibilities and be able to get their questions answered.

153 4 – 5 p.m.

Compliance Inspections for Veterinary Practices

Cameron J. McNamee, MPP

Audience: V, T, MO // Level: 1, 2

What happens when an Ohio Board of Pharmacy agent shows up at your front door for an inspection? This session will discuss what inspectors look for and how practices should respond to perceived shortcomings.

PRACTICE MANAGEMENT II

154 8 – 9 a.m.

Marketing for the NOW: Surf the Digital Wave or Get Washed Out

Mahmoud Boutaam, M.A.

Audience: V, MO // Level: 1, 2

This session will:

- Provide tools to assess a practice's marketing, identify areas of improvement, and develop a strategy
- Compare traditional and digital marketing
- Explain the hierarchy of Google search
- Discuss social media platforms best suited for a practice
- Explore cost-effective digital marketing

155 9:15 – 10:15 a.m.

Hiring and Recruiting in 2022: Adapt or Stay Behind

Mahmoud Boutaam, M.A.

Audience: V, MO // Level: 1, 2

This session will:

- Explore how to stay competitive in a digital era
- Teach attendees new ways to headhunt and recruit in 2022 and beyond

156–157 10:30 – 11:30 a.m.; 1:30 – 2:30 p.m.

Corporate Practice Ownership: Current Landscape and Preparing for a Sale

Roger S. Redman, DVM

Audience: V, MO // Level: 2, 3

This two-part session will discuss:

- Regulatory oversight, current marketplace, and practice valuations, and their effects on the profession
- How to prepare for a sale in terms of the healthcare team, medical standards, lab agreements, practice culture, and more

158 2:45 – 3:45 p.m.

Attracting the Perfect Candidate to Your Team

Ed W. Fegan

Audience: MO, HS // Level: 1, 2, 3

In this session, attendees will learn how to:

- Attract candidates
- Write effective job ads
- Develop a recruitment plan

159 4 – 5 p.m.

All Aboard! Getting Your New Hires Onboard Effectively and Quickly

Ed W. Fegan

Audience: MO, HS // Level: 1, 2, 3

This session will explore how to prevent staff members from leaving by developing an onboarding plan, creating a socialization plan, and evaluating new hires.

PUBLIC HEALTH

160A 8 – 8:30 a.m.

Prepared for African Swine Fever? Planning in Action

Aminata Kalley, DVM

Audience: V, T, MO // Level: 1

This half-hour session will cover:

- Impacts of transboundary animal diseases (TADs)
- Veterinary roles in planning and response to ASF
- The importance of state-level planning for ASF
- Coordinating resources to develop TAD response plans

160B 8:30 – 9 a.m.

Animal Cruelty and Violent Crime in Ohio

Anna C. Garrett, MPH

Audience: V, T, MO, HS // Level: 2

This half-hour session will discuss:

- Animal cruelty cases in Ohio
- Violent offenses toward humans committed by individuals convicted of animal cruelty
- Interventions to reduce risk of serial offenses

161 9:15 – 10:15 a.m.

Ohio Rabies Vaccination Regulations

Kimberly A. Riker-Brown, DVM and Abby Welsh, MPH-VPH

Audience: V, T, MO, HS, SS // Level: 1, 2, 3

The first half of this session will discuss:

- Variations in rabies vaccination regulations across Ohio
- Perceptions of risk for raccoon-variant rabies

- Existing support for statewide rabies vaccine regulation

The second half of this session will discuss:

- Who can administer rabies vaccines
- Local regulatory authorities
- Documentation required by veterinary and vaccine clinics
- Whether rabies certificates can be signed digitally

162 10:30 – 11:30 a.m.

SARS-CoV-2 Detected in White-Tailed Deer

Andrew S. Bowman, M.S., DVM, Ph.D., DACVPM

Audience: V, T // Level: 1, 2, 3

In August 2021, white-tailed deer in Ohio were the first in the world found to be infected by SARS-CoV-2. This session will cover:

- How the deer got the virus: From people, the environment, or other deer
- Whether deer could spread the virus to humans
- Clinical signs of illness
- If hunter-harvested game meat is safe to eat

163 1:30 – 2:30 p.m.

Updates from the Departments of Health

Aaron K. Messer, DVM, R.S. and Amber Singh, DVM, MPH

Audience: V, T, HS, SS // Level: 1, 2, 3

This session will provide updates from both the Columbus and Ohio departments of health.

164 2:45 – 3:15 p.m.

Ohio Department of Agriculture Updates

Juan C. León, DVM, M.S. and Dennis Summers, DVM, DACVPM

Audience: V, T, HS, SS // Level: 1, 2, 3

In the first half of this session, attendees will hear updates from Ohio's Food Safety and Inspection Service. The second half will cover news from the state Division of Animal Health.

165A 3:15 – 3:45 p.m.

USDA APHIS Update

Susan M. Skorupski, M.S., DVM

Audience: V // Level: 1, 2, 3

This half-hour session will hear share news on USDA APHIS Veterinary Services programs and projects.

165B 4 – 5 p.m.

Ohio Animal Disease Diagnostic Laboratory Update

Richard French, DVM, Ph.D., M.S.

Audience: V, T // Level: 1, 2, 3

This half-hour session will share news from the Ohio Department of Agriculture's laboratory.

RECENT GRADUATES

166 8 – 9 a.m.

Top 10 Dog Behavior Myths

Meghan E. Herron DVM, DACVB

Audience: V, T, HS, SS, BT // Level: 1

This presentation will debunk ten of the most common myths in regards to canine behavior using science-based reasoning to explain the fault behind the fiction.

SESSION DESCRIPTIONS // Thursday, Feb. 17

167 9:15 – 10:15 a.m.

The Bad and the Ugly: The Science Behind Aversive Training Methods

Meghan E. Herron DVM, DACVB

Audience: V, T, MO, HS, SS, BT // Level: 2

This presentation will:

- Review current literature regarding dog training
- Describe a recently published study that evaluated the safety of owner-implemented confrontational versus non-confrontational training methods in dogs

168 10:30 – 11:30 a.m.

Better Living Through Chemistry: Chemical Restraint in Your Busy Practice

Meghan E. Herron DVM, DACVB

Audience: V, T // Level: 3

This session will:

- Discuss oral premedication options to reduce anxiety and provide sedation in fearful and fractious patients
- Describe injectable chemical restraint protocols including drug choice, doses, and best means of administration
- Identify which patients need oral and/or injectable chemical assistance

169 1:30 – 2:30 p.m.

Top 10 Cat Behavior Myths

Meghan E. Herron DVM, DACVB

Audience: V, T, HS, SS, BT // Level: 1

This presentation will:

- Use science to debunk ten common feline behavior myths
- Discuss dominance theory and how it does and does not apply to feline behavior
- Recognize science-based behavioral facts versus fiction
- Explore basic learning concepts in cats

170 2:45 – 3:45 p.m.

Nuisance Behaviors in Cats: I Know it's Normal, But How Do I Make it Stop?

Meghan E. Herron DVM, DACVB

Audience: V, T, HS, SS, BT // Level: 2

This session will:

- Explore the roots of domestic cat behaviors
- Examine how many "wild" behaviors—such as destructive scratching, chewing, marking, climbing, and predatory play—are preserved in today's housecat
- Explain how to distinguish between nuisance behaviors that are normal versus abnormal
- Provide tips for preventing and managing problematic behaviors, as well as alternative outlets

171 4 – 5 p.m.

Feline Undesirable Elimination: Current Thoughts and Practices

Meghan E. Herron DVM, DACVB

Audience: V, T, BT // Level: 2

This session will:

- Share current literature on feline elimination problems, making a diagnosis, and implementing treatment
- List medical etiologies and behavioral causes
- Explain the difference between urine marking and inappropriate toileting and describe treatment plans for both

SHELTER ANIMAL I HUMANE AGENT TRAINING

172-173 8 – 10:15 a.m.

Ohio Livestock Rules and Regulations

Dennis Summers, DVM, DACVPM

Audience: V, T, HS, SS // Level: 1

This two-part session will discuss Ohio's laws governing the care standards for cattle, swine, poultry, equine, and other species.

174 10:30 – 11:30 a.m.

Horses 101 for Humane Officers

Alina M. Vale, DVM, M.S.

Audience: V, T, HS, SS // Level: 1

In this session, participants will learn:

- How society's view of horses has changed
- General information about the equine industry
- How to safely approach, halter, and lead a horse
- Basic equine care and nutrition

175 1:30 – 2:30 p.m.

Equine Abuse and Neglect for Humane Officers

Alina M. Vale, DVM, M.S.

Audience: V, T, HS, SS // Level: 1

In this session, participants will learn how to:

- Recognize signs of equine abuse and neglect
- Assess a horse and the environment in which it lives
- Communicate with a horse owner or caretaker and provide resources as appropriate

176-177 2:45 – 5 p.m.

All in This Together: Pooling Shelter Resources to Help People and Animals

Phil Arkow

Audience: V, T, HS, SS, MO, BT // Level: 1, 2, 3

This session will discuss:

- How the animal care and control movements have addressed the benefits of animal welfare to human welfare, and how this concept can be applied to today
- How the links between animal abuse and human violence have impacted animal care and control research, public policy, and organizational programming
- Opportunities for shelters to collaborate with human services organizations
- Resources for implementing these concepts into organizational programming and fund development

SHELTER ANIMAL II INFECTIOUS DISEASE

178 8 – 9 a.m.

Update on Canine Infectious Respiratory Disease

Jane Sykes, BVSc (Hons), Ph.D., MBA, DACVIM

Audience: V, T, SS // Level: 2

In this session, attendees will:

- Learn the range of pathogens associated with canine infectious respiratory disease
- Understand the prevalence of each of the causative agents in North America
- Know the approach to diagnosis and treatment of CIRDC
- Understand the importance of vaccination and other prevention methods, as well as the advantages and disadvantages of different types of vaccines

179 9:15 – 10:15 a.m.

Leptospirosis in the Shelter Environment

Jane Sykes, BVSc (Hons), Ph.D., MBA, DACVIM

Audience: V, T, SS // Level: 2

In this session, attendees will gain an understanding of:

- The prevalence of *Leptospira* shedding in shelters
- The pathogenesis of leptospirosis and risk factors for human infection
- Leptospirosis clinical signs in dogs and humans
- Best practices for preventing leptospirosis

180 10:30 – 11:30 a.m.

Update on Vector-Borne Diseases in Shelters

Jane Sykes, BVSc (Hons), Ph.D., MBA, DACVIM

Audience: V, T, SS // Level: 2

This session will cover:

- Vector-borne pathogens likely to be found in shelter animals, as well as their pathogenesis and clinical signs
- Vectors that transmit pathogens to dogs and cats in shelters, their geographic distributions, and prevention
- Public health implications of contact with animals that might have vector-borne diseases
- Preventing infection of shelter workers
- Educating fosters and adopters about vector-borne disease management

181 1:30 – 2:30 p.m.

Vaccination Controversies in Dogs and Cats

Jane Sykes, BVSc (Hons), Ph.D., MBA, DACVIM

Audience: V, T, SS // Level: 2

This session will explore:

- Current recommendations and rationale for vaccination
- Why vaccination recommendations for shelter animals differ from owned pets
- What and why some recommendations are controversial
- How individual shelters might need to adapt guidelines to optimize prevention of infectious diseases

182 2:45 – 3:45 p.m.

Flea-Borne Diseases in Free-Roaming Cats

Erin Lashnits, M.S., DVM, Ph.D., DACVIM (SAIM)

Audience: V, T, HS, SS // Level: 1, 2, 3

This session will provide updates on flea-borne disease research, including:

- Pathogens that affect cats, dogs, and people
- Current efforts to evaluate flea phylogeny worldwide
- Potential flea-borne diseases in free-roaming cats, such as *Bartonella*, *Rickettsia*, and hemotropic *Mycoplasma*

183 4 – 5 p.m.

Clinical Utility of Fecal Transplant for Parvovirus Enteritis in Shelter Dogs

Jenessa Winston, DVM, Ph.D., DACVIM

Audience: V, T, SS // Level: 2

This session will review the following:

- The impacts of parvovirus on the intestinal ecosystem
- Clinical utility of fecal microbiota transplantation
- Practicality of performing fecal microbiota transplantation in a shelter setting
- Feasibility of establishing a canine fecal donor program

TECHNICIAN I

184 8 – 9 a.m.

A Face Only a Mother Could Love: Anesthesia for Brachycephalic Breeds

Katrina Lafferty, RLAT, VTS (Anesthesia/Analgesia)

Audience: V, T, HS // Level: 2

This lecture will discuss special considerations for brachycephalic breeds during each stage of the surgical process, including:

- Premedication/sedation (drug options, pre-oxygenation, restraint)
- Induction (laryngeal examinations, intubation, continued oxygenation)
- Intra-operative concerns specific to airway procedures (monitoring, reintubation, analgesia)
- Recovery (continued monitoring and oxygenation, extubation, post-operative analgesia)

185 9:15 – 10:15 a.m.

Crash Course: Anesthesia for Rabbits, Ferrets, and Rodents

Katrina Lafferty, RLAT, VTS (Anesthesia/Analgesia)

Audience: V, T, HS // Level: 2

This lecture will explore important elements of rabbit, ferret, and rodent anesthesia, including injection sites; catheter placement; intubation; monitoring; recovery; and drugs for sedation, pain, and emergencies.

186 10:30 – 11:30 a.m.

Analgesia Without Opioids

Katrina Lafferty, RLAT, VTS (Anesthesia/Analgesia)

Audience: V, T, HS // Level: 2

This presentation will discuss the pros and cons of pharmacologic opioid-sparing analgesic drugs and techniques, as well as non-pharmacologic options.

187 1:30 – 2:30 p.m.

Breathe In, Breathe Out: The Ins and Outs of Capnography

Katrina Lafferty, RLAT, VTS (Anesthesia/Analgesia)

Audience: V, T, HS // Level: 2

This lecture will cover the many uses of capnography, including as a ventilation guide, intubation confirmation tool, and critical early alert system for a number of life-threatening situations.

188 2:45 – 3:45 p.m.

Advanced Anesthesia for Critical Kidney Cases

Katrina Lafferty, RLAT, VTS (Anesthesia/Analgesia)

Audience: V, T, HS // Level: 3

This presentation will discuss pharmacological effects of various drugs on critical kidneys, preoperative preparation, monitoring techniques and parameters, fluid therapies, analgesic techniques, and recovery considerations.

189 4 – 5 p.m.

Nuts and Bolts: Understanding and Using Your Anesthesia Machine

Katrina Lafferty, RLAT, VTS (Anesthesia/Analgesia)

Audience: V, T, HS // Level: 1

This lecture will break down the anesthesia machine into its basic parts to help attendees understand how it functions. Also covered will be correct usage of different systems (rebreathing, non-rebreathing), techniques (low-flow, closed circuit), and troubleshooting.

TECHNICIAN II

190 8 – 9 a.m.

All Things Colic

Shana A. Lemmenes, CVT, VTS (EVN)

Audience: T // Level: 1

In this session, attendees will learn:

- The most common causes of equine colic
- Surgical techniques for correcting colic
- Medical options for treating colic
- Monitoring and complications for equine colic patients

191 9:15 – 10:15 a.m.

Bandaging and Casts on Large Animals

Shana A. Lemmenes, CVT, VTS (EVN)

Audience: T // Level: 1

In this session, attendees will learn:

- What each bandage material is used for
- Common large animal bandage configurations
- Potential bandage and cast complications

192 10:30 – 11:30 a.m.

Common Equine Surgical Procedures and Equipment: Knowledge is Power!

Shana A. Lemmenes, CVT, VTS (EVN)

Audience: V, T // Level: 1

This session will discuss:

- Surgical procedures performed in a referral hospital

- Specialty equipment and instruments
- General anesthesia induction and recovery techniques

193 1:30 – 2:30 p.m.

Canine Leptospirosis: A Brief Overview of Recent Data and Recommendations

Amanda Smith, Ph.D., MPH

Audience: T, HS // Level: 1

In this session, attendees will find out:

- If veterinary professionals and dog owners should be concerned about canine leptospirosis
- Where canine leptospirosis is common in the U.S. and what the known risk factors are
- Recommendations for PPE and in-clinic infection control
- Key messages to communicate to clients

194 2:45 – 3:45 p.m.

When the Body Sickens the Eyes: Ocular Manifestations of Systemic Diseases

Pamela Kirby, RVT, VTS (Ophthalmology)

Audience: T // Level: 1, 2

Many systemic diseases can affect the eyes in one way or another. Ocular changes may be the first noticed sign of systemic disease. This lecture will discuss the ocular manifestations of various diseases in a variety of species.

195 4 – 5 p.m.

Is There Light at the End of the Tunnel? Causes of Blindness

Pamela Kirby, RVT, VTS (Ophthalmology)

Audience: T // Level: 2

This lecture will discuss causes of blindness and their potential therapies.

SPECIAL PROGRAMS

A 11:45 a.m. – 1:15 p.m.

End of Life in Veterinary Medicine: Euthanasia, Natural Death, and Moral Distress

Page Yaxley, DVM, DACVECC

Audience: V, T // Level: 1, 2, 3 // CE: 1.5 hours //

Capacity: 48 // Pre-Requisites: None // Fee: \$65

Participants in this special lunch-and-learn program will discuss controversial and uncomfortable situations in small animal end-of-life care. Participants will be encouraged to discuss their approach to provided case examples, which may include refusal of euthanasia, non-traditional routes of euthanasia, palliating natural death, behavioral euthanasia and moral distress placed upon the veterinary care team. Attendees will gain perspective and insight on serious illness conversations, planning for and delivering palliative end-of-life care, and alternative routes of euthanasia, as well as tools to manage personal stress.

SESSION DESCRIPTIONS // Friday, Feb. 18

Note: The following session descriptions have been edited for length. To read the complete descriptions, please visit www.mvcinfo.org/education.

ANIMAL ABUSE

200-201 8 – 10:15 a.m.

Recognizing, Recording, and Reporting Suspected Animal Abuse and Neglect

Phil Arkow

Audience: V, T, HS, SS // Level: 1, 2, 3

During this two-part session, attendees will:

- Be able to recognize various types of animal cruelty, abuse, and neglect
- Become familiar with how animal abuse often indicates co-occurring abuse against humans
- Understand their obligations in suspected cases of animal abuse and/or domestic violence
- Learn how to overcome challenges in recognizing and responding to suspected animal abuse

202 10:30 – 11:30 a.m.

Horses 101 for Small Animal Veterinarians

Alina M. Vale, DVM, M.S.

Audience: V, T, SS // Level: 1

In this foundational session, participants will learn:

- How society's view of horses has changed
- General information about the equine industry
- How to safely approach, halter, and lead a horse
- Equine care and nutrition, including refeeding syndrome

203 1:30 – 2:30 p.m.

Recognizing and Reporting Equine Abuse and Neglect

Alina M. Vale, DVM, M.S.

Audience: V, T, SS // Level: 1

This session, attendees will learn:

- How to recognize signs of equine abuse or neglect
- How to assess a horse and its environment
- When it may be appropriate to provide owner education and monitor a situation versus reporting

204 2:45 – 3:45 p.m.

How to Use the AAEP's Welfare Toolkit

Alina M. Vale, DVM, M.S.

Audience: V, T, SS // Level: 1

In this session, participants will learn:

- How the American Association of Equine Practitioners (AAEP) Equine Welfare Toolkit can be used to address and prevent equine abuse and neglect
- How to communicate with a horse owner or caretaker and provide resources as appropriate
- Tips for working with equine rescue organizations
- When to consider euthanasia as a welfare solution

205 4 – 5 p.m.

Equine Abuse: Perception versus Reality

Alina M. Vale, DVM, M.S.

Audience: V, T, SS, BT // Level: 1

In this interactive session, participants will:

- Learn about equine welfare issues in the U.S. and abroad

- Hear arguments related to concerns of equine abuse in specific equestrian disciplines
- Discover what is being done to improve racehorse welfare and safety

ANIMAL BEHAVIOR

206 8 – 9 a.m.

Control: The Other Primary Reinforcer

Susan G. Friedman, Ph.D.

Audience: V, T, MO, HS, SS, BT // Level: 1, 2, 3

This session will discuss:

- How learning and welfare are compromised to the extent that effective behavior is blocked
- Ways to enhance learning and welfare by increasing animals' control over their valued outcomes
- Science-based principles to improve learning by providing more control, safely and practically

207 9:15 – 10:15 a.m.

What's Emotion Got to Do with It?

Susan G. Friedman, Ph.D.

Audience: V, T, MO, HS, SS, BT // Level: 1, 2, 3

Are emotions pre-wired in the brain or learned, and how are they relevant to animal training? This session will focus on contemporary approaches to understanding emotions with action potential.

208 10:30 – 11:30 a.m.

Puppy Behavior Patients: How to Communicate with Their Pet Parents

Elizabeth S.M. Feltes, DVM, DACVB

Audience: V, T, MO, HS, SS, BT // Level: 2

It is difficult for clients to come to terms with the reality of a pet's problem behavior. This session will:

- Review warning signs of abnormal behavior and when to refer
- Discuss how to gain pet parents' confidence that their animal needs behavioral help
- Discuss intervention steps for immediate need

209 1:30 – 2:30 p.m.

Taking the "Psycho" Out of "Psychopharmacology": Basics and Uses for General Practice

Elizabeth S.M. Feltes, DVM, DACVB

Audience: V, T, MO, HS, SS, BT // Level: 2

Behavior medications and their options can make you feel like you are losing your mind! This lecture will cover:

- Which medications should be used situationally and which should be used for maintenance
- What to do when Option A does not work
- How to coach clients and manage expectations

210 2:45 – 3:45 p.m.

Family Conflict: Aggression Between Household Dogs

Elizabeth S.M. Feltes, DVM, DACVB

Audience: V, T, MO, HS, SS, BT // Level: 2

Aggression between housemates embodies family strife and creates it at the same time! This lecture will cover:

- Literature on inter-dog aggression within a household
- Warning signs and early symptoms
- Family-focused treatments
- How to triage and when to refer

211 4 – 5 p.m.

Hot Mess Express: Normal Nuisance Behaviors

Elizabeth S.M. Feltes, DVM, DACVB

Audience: V, T, MO, HS, SS, BT // Level: 2

How can you tell whether a behavior is normal or a symptom of something larger? This session will discuss:

- The sliding-scale of normal versus abnormal
- Common intervention steps in a 15-minute appointment
- Gaining follow up for success
- Outsourcing care when a referral is needed.

EQUINE

212 8 – 9 a.m.

Equine Foot Research

Brian Beasley, DVM, CJF, DWCF, DACVSMR

Audience: V, T, MO, HS // Level: 1, 2, 3

This session will highlight recent research involving the equine foot.

213 9:15 – 10:15 a.m.

Advanced Imaging and Equine Podiatry

Brian Beasley, DVM, CJF, DWCF, DACVSMR

Audience: V, T, MO, HS // Level: 1, 2, 3

This session will discuss the influence of advanced imaging techniques on equine podiatry.

214 10:30 – 11:30 a.m.

Veterinarian-Farrier Relationship

Brian Beasley, DVM, CJF, DWCF, DACVSMR

Audience: V // Level: 1, 2, 3

This session will focus on how to build a better relationship between veterinarian and farrier.

215 1:30 – 2:30 p.m.

Clinical Approach to Equine Muscle Disease

Stephanie Valberg, DVM, Ph.D., DACVIM, DACVSMR

Audience: V // Level: 2

Many muscle disorders look the same but have different underlying causes. This lecture will provide a systematic approach to diagnosing muscle disease in horses.

216 2:45 – 3:45 p.m.

Why Are Horses So Susceptible to Rhabdomyolysis?

Stephanie Valberg, DVM, Ph.D., DACVIM, DACVSMR

Audience: V // Level: 2

This lecture will describe new developments in the basis for tying-up in horses, which will provide a foundation for the next lecture on treatment and prevention.

217 4 – 5 p.m.

Treatment and Prevention of Rhabdomyolysis

Stephanie Valberg, DVM, Ph.D., DACVIM, DACVSMR

Audience: V // Level: 2

This session will cover treatment for horses with acute rhabdomyolysis and regimes for prevention of rhabdomyolysis based on the underlying etiology.

FOOD ANIMAL

218 8 – 9 a.m.

Ruminant Fractures: Management Strategies for the Farm and Clinic

Joseph W. Lozier, DVM, M.S., DACVS-LA

Audience: V // Level: 1, 2, 3

This session will describe common fractures in ruminant species, as well as techniques for stabilizing and treating fractures on the farm and in a clinic setting.

219 9:15 – 10:15 a.m.

Septic Arthritis in Calves: Diagnosis, Treatment, and Outcomes

Joseph W. Lozier, DVM, M.S., DACVS-LA

Audience: V // Level: 1, 2, 3

This session will review pathology, causes, and risk factors leading to septic arthritis. Diagnosis, existing and novel treatment options, and expected outcomes will also be covered.

220 10:30 – 11:30 a.m.

Recognizing and Responding to Suspected Cases of Farm Animal Cruelty: The Role of the Veterinarian

Jessica Pempek, Ph.D.

Audience: V // Level: 1, 2, 3

This session will:

- Describe animal welfare laws that are relevant to veterinarians in Ohio
- Improve veterinarians' comfortability with recognizing and reporting farm animal cruelty to authorities

221 1:30 – 2:30 p.m.

Breeding Soundness Evaluations in the Bull

Erin E. Runcan, DVM, DACT

Audience: V // Level: 1, 2, 3

This session will discuss best practices for routine breeding soundness evaluations (BSE), updates to the BSE manual, and step-by-step guidelines for semen collection and analysis.

222 2:45 – 3:45 p.m.

Reproductive Surgery in Bulls

Andrew J. Niehaus, DVM, M.S., DACVS-LA

Audience: V // Level: 2

This session will discuss surgical procedures to restore reproductive function to bulls. Attendees will learn:

- Common surgical conditions affecting the reproductive performance of bulls
- Clinical signs and how to diagnose these problems
- Surgical options available for correction of these issues, as well as pre- and post-operative treatment
- Prognosis and realistic expectations for these conditions

223 4 – 5 p.m.

Reproductive Surgery in Cows

Andrew J. Niehaus, DVM, M.S., DACVS-LA

Audience: V, T // Level: 2

This session will cover:

- Common reproductive issues affecting cows, including prolapse, urine pooling, and dystocia-related trauma
- How to diagnose these conditions on the farm
- What surgical options are available
- Prognosis and realistic expectations

HOLISTIC & INTEGRATIVE MEDICINE

224-225 8 – 10:15 a.m.

Essential Oil Essentials

Carol Falck, VMD

Audience: V, T // Level: 1

In this two-part session, attendees will learn the basics of essential oils, including:

- What essential oils are, where they come from, and how they work
- Why all essential oils are not created equal
- How essential oils compare to both conventional and alternative medications
- Whether and when they can be used safely in pet patients

Note: These sessions are recommended for Lab C.

226 10:30 – 11:30 a.m.

Essential Oils for Wound Care

Carol Falck, VMD

Audience: V // Level: 1

This session will review:

- The properties of essential oils that make them good candidates for wound care
- Types of wounds essential oils can be used to treat
- Essential oils as a potential solution to antimicrobial resistance
- A case report of how essential oils helped treat a MRSA infection following radiation therapy

Note: This session is recommended for Lab C.

227 1:30 – 2:30 p.m.

Why the Atlas Should Not be Overlooked

Bill Ormston, DVM, CAC, DVETHOM

Audience: V, T, MO, HS, BT // Level: 1, 2, 3

This session will look at mechanical, neurological, and physiological reasons that veterinarians should check the atlas on every patient they examine.

228 2:45 – 3:45 p.m.

Current Research in Animal Chiropractic

Bill Ormston, DVM, CAC, DVETHOM

Audience: V, MO // Level: 2

This session will discuss current research in animal chiropractic treatment.

229 4 – 5 p.m.

Chiropractic in Production Animal Medicine

Bill Ormston, DVM, CAC, DVETHOM

Audience: V, MO // Level: 1, 2, 3

This session will explore how chiropractic adjustments can be integrated into large and food animal practices.

PET ANIMAL DENTISTRY

230 8 – 9 a.m.

How to Surgically Extract a Mandibular Canine and Mandibular First Molar

Barden A. Greenfield, DVM, DAVDC

Audience: V // Level: 1, 2, 3

This session will teach attendees:

- How to perform an adequate flap
- How much buccal bone should be removed
- Dental radiography's role in successful outcomes
- Why tension-free closure is vital

231 9:15 – 10:15 a.m.

How to Surgically Extract Caudal Maxillary Cheek Teeth

Barden A. Greenfield, DVM, DAVDC

Audience: V // Level: 1, 2, 3

In this session attendees will learn:

- How to make an exposure flap without trauma
- How to remove buccal bone to facilitate extraction
- The difference between luxation and elevation
- Why a tension-free closure is essential

232 10:30 – 11:30 a.m.

Start Anesthetic Dentistry Early for Lifelong Success

Barden A. Greenfield, DVM, DAVDC

Audience: V, T, MO, HS // Level: 1, 2, 3

This session will cover:

- Proactively addressing crowding and rotation to prevent disease from occurring later in life
- Preventing periodontal disease early in life
- Making anesthetic dentistry an annual wellness procedure beginning at age 1

233 1:30 – 2:30 p.m.

Don't Neglect Those Cats! How Tooth Resorption Must be Addressed

Barden A. Greenfield, DVM, DAVDC

Audience: V // Level: 1, 2, 3

This session will discuss:

- Types of tooth resorption and their required therapies
- Performing crown amputations in the cat when needed

SESSION DESCRIPTIONS // Friday, Feb. 18

234

Oral Oncology 101

Barden A. Greenfield, DVM, DAVDC

Audience: V, T // Level: 1, 2, 3

This session will cover:

- Clinical differences between benign and malignant
- How to get the right biopsy
- Types of malignant tumors in dogs and cats
- Why some malignancies may not be a death sentence

235

Aristotle Taught Us How to Get Clients on Board with Oral Care

Barden A. Greenfield, DVM, DAVDC

Audience: V, T, MO, HS // Level: 1, 2, 3

Aristotle posited that effective persuasion makes use of three appeals: Ethos (morality), logos (logic), and pathos (emotion). In this session, attendees will learn how to present an effective argument for oral care using pathos as the driver.

PET ANIMAL ONCOLOGY

236

Canine Lymphoma for the Busy Practitioner

Sue Ettinger, DVM, DACVIM (Oncology)

Audience: V, T, HS // Level: 1, 2

This session will discuss:

- A practical approach to canine lymphoma diagnostics
- Updates on canine lymphoma treatment options at various budgets, including new drugs Tanovea® and Laverdia™
- Efficacy and toxicity of various protocols
- Prognostic factors and statistics with and without treatment
- Supportive care options when treatment is declined

237

Feline Lymphoma for the Busy Practitioner

Sue Ettinger, DVM, DACVIM (Oncology)

Audience: V, T // Level: 1, 2

This session will discuss:

- A practical approach to feline lymphoma diagnostics, focusing on low- and high-grade gastrointestinal lymphoma
- Challenges of distinguishing low-grade lymphoma and inflammatory bowel disease (IBD)
- Feline lymphoma treatment options at various budgets, including new therapies available or in development
- Efficacy and toxicity of various protocols
- Prognostic factors and statistics with and without treatment
- Supportive care options when treatment is declined

2:45 – 3:45 p.m.

238

What's New in Mast Cell Tumors 2022

Sue Ettinger, DVM, DACVIM (Oncology)

Audience: V, T // Level: 1, 2

This session will discuss:

- Current MCT controversies, including recommendations for surgical margins, workup, and staging
- Stelfonta®, a new option for intratumoral treatment of canine mast cell tumors
- MCT treatment options, including surgery, radiation, chemotherapy and Stelfonta®
- Efficacy and toxicity of various protocols
- Prognostic factors and statistics (survival times, response rates) with various treatment options

10:30 – 11:30 a.m.

239

Stelfonta® FAQs

Sue Ettinger, DVM, DACVIM (Oncology)

Audience: V, T // Level: 1, 2

This session will provide an in-depth look at Stelfonta®, focusing on practical use, patient selection, client education, and case examples. Attendees will learn about:

- The treatment's unique mode of action
- The case selection process and fit for MCT patients
- The importance of concomitant medications
- The drug's unique wound healing properties
- Best practices for using Stelfonta® in everyday practice

1:30 – 2:30 p.m.

240

Cancer ABCs: Aspirates, Biopsies, and Cytology

Sue Ettinger, DVM, DACVIM (Oncology)

Audience: V, T // Level: 1, 2

In this session, attendees will learn:

- How to incorporate aspirates and biopsies in early cancer detection of skin and subcutaneous in dogs and cats
- Practical tips and tools for getting clients involved in monitoring their pets
- Methods of fenestration and aspiration methods, tips for successful cytology, and when to biopsy
- Cytology commonly seen in practice, criteria of malignancy, and four categories of neoplastic cytology

2:45 – 3:45 p.m.

241

Hemangiosarcoma Cliffs Notes: What You Need to Know

Sue Ettinger, DVM, DACVIM (Oncology)

Audience: V, T // Level: 1, 2

This session will:

- Explain a practical approach to a dog with a splenic mass
- Provide statistics when hemangiosarcoma is more or less likely based on presentation and workup
- Provide updates on hemangiosarcoma diagnostics and treatment options at various budgets
- Describe efficacy and toxicity of various protocols
- Summarize prognostic factors and statistics
- Review supportive care options, including supplements

4 – 5 p.m.

PET ANIMAL RADIOLOGY & SURGERY

242

Why "Woundn't" You Manage This? A Practical Approach to Wound Management

James Howard, DVM, M.S., DACVS-SA

Audience: V, T // Level: 1, 2

In this session, attendees will explore approaches to treating patients with wounds, including:

- Evaluation and preliminary decision making
- Wound management and expectations
- Products and techniques
- Case review and discussion

8 – 9 a.m.

243

Potpourri of Surgery: Tips, Tricks, and Common Questions

James Howard, DVM, M.S., DACVS-SA

Audience: V, T // Level: 1

This lecture will cover instrumentation, operating room equipment, patient positioning tips, basic pain management, and common surgical techniques.

9:15 – 10:15 a.m.

244

Pain in the Rear: A Comprehensive Approach to Perineal Hernias

James Howard, DVM, M.S., DACVS-SA

Audience: V, T // Level: 1, 2

In this session, attendees will learn about:

- Disease etiology, clinical signs, and diagnostic approach
- Medical management options
- Surgical treatment options and techniques
- Postoperative management and prognosis

10:30 – 11:30 a.m.

245

Imaging of Gastrointestinal Obstruction

David S. Biller, DVM, DACVR

Audience: V, T // Level: 1, 2, 3

One of the most difficult and missed diagnoses in clinical practice is small internal obstructions. This session will use clinical cases to review expected changes, improve diagnostic and interpretation skills, and recommend adjunct imaging for cases of GI obstruction.

1:30 – 2:30 p.m.

246

Imaging of the Young Lambe Canine Patient

David S. Biller, DVM, DACVR

Audience: V, T // Level: 1, 2, 3

This session will use clinical cases of of developmental and juvenile bone diseases in canines to explain radiographic changes and diagnoses.

2:45 – 3:45 p.m.

247 4 – 5 p.m.

Case Studies: Thoracic, Abdominal, and Juvenile Bone Disease

David S. Biller, DVM, DACVR

Audience: V, T // Level: 1, 2, 3

This session will present radiology cases for audience members to diagnose. Emphasis will be placed on developing systemic interpretation skills, formatting differentials, and making imaging recommendations.

PET ANIMAL URINARY

248 8 – 9 a.m.

Urinalysis: Getting the Most from Liquid Gold

Joseph W. Bartges, DVM, Ph.D., DACVIM, DACVN

Audience: V, T // Level: 2

This session will focus on performing and maximizing results of a urinalysis. Topics to be covered include:

- The parts of a complete urinalysis
- The biochemical tests on a dipstick
- Crystals in urine
- Other findings on urine sediment examination
- How to perform a line smear

249 9:15 – 10:15 a.m.

Chronic Kidney Disease: Something New for Something Old

Joseph W. Bartges, DVM, Ph.D., DACVIM, DACVN

Audience: V, T // Level: 2

After this session, attendees will be able to:

- Describe the IRIS staging system
- Outline a treatment plan for CKD
- Explain the influence of proteinuria on CKD and its treatment
- Discuss recommendations for managing patients with IRIS stage 1 CKD
- Describe other treatments for CKD

250 10:30 – 11:30 a.m.

Treating Micturition Disorders: Fixing the Leak

Joseph W. Bartges, DVM, Ph.D., DACVIM, DACVN

Audience: V, T // Level: 2

This session will:

- Outline the neuroanatomy of urine storage and micturition
- Describe diagnosis and management of diseases of both urine storage and urine leakage
- Explain medical and non-medical management of urinary incontinence
- Explore drug options and their mechanism of action

251 1:30 – 2:30 p.m.

Urolithiasis: Summary of the ACVIM Consensus Statement

Joseph W. Bartges, DVM, Ph.D., DACVIM, DACVN

Audience: V, T // Level: 2

This session will highlight key points from the American College of Veterinary Internal Medicine's (ACVIM)

guidelines for treating and preventing uroliths in dogs and cats, including:

- Pathophysiology of urolith formation and prevention
- Diagnosis and management of both lower and upper urinary tract uroliths
- Medical and non-medical options for managing uroliths
- Preventative measures

252 2:45 – 3:45 p.m.

Urinary Tract Infections: Bad Bugs and Bladder Drugs

Joseph W. Bartges, DVM, Ph.D., DACVIM, DACVN

Audience: V, T // Level: 2

This session will:

- Describe host defenses against infection
- Outline management of asymptomatic bacteriuria
- Review management of both simple and complicated UTIs
- Detail prophylactic measures

253 4 – 5 p.m.

Feline Idiopathic Cystitis: Cat Bladders and How to Live with Them

Joseph W. Bartges, DVM, Ph.D., DACVIM, DACVN

Audience: V, T // Level: 2

This session will:

- List common causes of lower urinary tract signs in young versus old cats
- Outline potential causes of feline idiopathic cystitis (FIC)
- Review treatments for FIC and evidence for or against their use
- Compare and contrast typical versus atypical FIC cats
- Describe environmental and behavioral management

PRACTICE MANAGEMENT I

254 8 – 9 a.m.

How to Not Run Out of Inventory Items

Nicole Clausen, CSSGB, CCFP

Audience: T, MO, HS, SS // Level: 2

In this session, attendees will learn:

- Strategies to prevent a practice from running out of any inventory item, from white goods to injectables
- Formulas and techniques for calculating reorder points
- How to shift from reactive ordering to a proactive inventory ordering system

255 9:15 – 10:15 a.m.

How to Reduce Your Inventory Costs

Nicole Clausen, CSSGB, CCFP

Audience: T, MO, HS, SS // Level: 2

Inventory is the second largest expense in a veterinary practice. In this session, attendees will learn:

- Variables that can increase inventory costs
- How to calculate the cost of goods sold (COGS) and how it impacts the practice
- Top strategies for reducing COGS in a practice

256 10:30 – 11:30 a.m.

Inventory Management Best Practices

Nicole Clausen, CSSGB, CCFP

Audience: T, MO, HS, SS // Level: 1

During this session, attendees will learn:

- Best practices for managing inventory—beyond simply how to order
- Tasks critical for successful inventory management
- What is and is not important while managing inventory

257 1:30 – 2:30 p.m.

The Inventory Trifecta: Reducing Inventory Costs, Stockouts, and Time Spent

Nicole Clausen, CSSGB, CCFP

Audience: T, MO, HS, SS // Level: 2

During this session, attendees will learn:

- Strategies for reducing inventory costs, so the money can be invested in other ways
- How to keep things stocked to avoid running out
- Ways to reduce the amount of time spent managing inventory without sacrificing accuracy

258 2:45 – 3:45 p.m.

How to Squeeze Your Inventory Before It Squeezes You

Nicole Clausen, CSSGB, CCFP

Audience: T, MO, HS, SS // Level: 1, 2

In this session, attendees will learn:

- How to calculate reorder points and have an inventory system that doesn't rely on a "gut feeling"
- Tips for successfully delegating inventory to other team members, as a whole or as inventory helpers
- Key performance indicators related to inventory management that should be monitored regularly

259 4 – 5 p.m.

What To Stock and How to Price Inventory

Nicole Clausen, CSSGB, CCFP

Audience: T, MO, HS, SS // Level: 1, 2

In this session, attendees will learn:

- Several methods for determining what products to stock
- How to ensure a practice doesn't have too much cash tied up in inventory
- Best practices and strategies for pricing inventory items to ensure the practice isn't losing money

PRACTICE MANAGEMENT II

260 8 – 9 a.m.

Inventory Accounting: Getting it Right is Critical!

Karen E. Felsted, CPA, M.S., DVM, CVPM, CVA

Audience: V, MO // Level: 2

Most practices think their inventory accounting is done right, but this often isn't true. This session will:

- Identify the important basics of inventory accounting
- Explain how to know if your figures are accurate and what they tell you
- Suggest changes you can make in your inventory system to better control these costs

SESSION DESCRIPTIONS // Friday, Feb. 18

261-262

9:15 – 11:30 a.m.

Pricing Strategies to Improve the Bottom Line

Karen E. Felsted, CPA, M.S., DVM, CVPM, CVA

Audience: V, MO // Level: 2

Implementing a pricing strategy is just one part of the marketing mix. This two-part session will discuss:

- What research tell us about pricing in veterinary medicine
- Rethinking a practice's pricing strategy
- Components of an effective pricing decision framework
- New pricing strategies that make it easier for pet owners to say yes to more and better care

263

1:30 – 2:30 p.m.

Profitability is NOT the Same as Net Income

Karen E. Felsted, CPA, M.S., DVM, CVPM, CVA

Audience: V, MO // Level: 2

The standard measure of a practice's financial success is the operating profit margin. This session will discuss:

- The definition of operating profit, and how it's different from net income, cash flow, and taxable income
- How to calculate the operating profit
- Key focus areas for increasing profits

264

2:45 – 3:45 p.m.

Translate Management Decisions into Dollars and Cents

Karen E. Felsted, CPA, M.S., DVM, CVPM, CVA

Audience: V, MO // Level: 2

Practices need accurate data in order to make decisions about every aspect of business. This session will identify:

- Practice problems that can benefit from data analysis
- Key metrics that practices should review on a regular basis
- Drivers of these key metrics and how to use them to improve profitability

265

4 – 5 p.m.

Selling Your Practice: Avoid These Fatal Mistakes!

Karen E. Felsted, CPA, M.S., DVM, CVPM, CVA

Audience: V, MO // Level: 1

Selling a practice is a once-in-a-lifetime event for most owners, and the process has gotten more complicated than it used to be. This session will cover:

- Options for selling both a practice and real estate
- What practice owners need to know about selling to another veterinarian versus a corporate group
- What kind of expertise is needed to get the highest price
- How owners can protect themselves during the process

PUBLIC HEALTH

266

8 – 9 a.m.

Emergence of Canine Leptospirosis in the U.S.: Where It's 'Hot' and 'Not'

Amanda Smith, Ph.D., MPH

Audience: V // Level: 1, 2

In recent years, canine leptospirosis cases in the United States have increased. In this session, attendees will learn:

- If veterinary professionals and dog owners should be concerned about canine leptospirosis
- What factors contribute to the emergence of canine leptospirosis and where it is prevalent in the U.S.
- Risk factors for canine leptospirosis

267

9:15 – 10:15 a.m.

Protecting Dogs from Leptospirosis: From Vaccination to Dodging Puddles

Amanda Smith, Ph.D., MPH

Audience: V // Level: 1, 2

Due to the potential for severe illness and even death, mitigating the spread of leptospirosis is vital. In this session, attendees will review:

- Results of a recent canine leptospirosis case-control study in Chicago
- Canine leptospirosis vaccine data and common concerns
- Reasonable prevention recommendations for dog owners

268

9:15 – 10:15 a.m.

Dog and Public Health Aspects of Leptospirosis

Jane Sykes, BVSc (Hons), Ph.D., MBA, DACVIM

Audience: V, T // Level: 2

In this session, attendees will learn:

- How to recognize leptospirosis
- Diagnostic tests available and their pros and cons
- Ways best to manage dogs with leptospirosis
- The zoonotic implications of the disease

269

1:30 – 2:30 p.m.

The Fatal Furry Friend: Bite Wound Infections That Kill

Jane Sykes, BVSc (Hons), Ph.D., MBA, DACVIM

Audience: V // Level: 2

This session will cover:

- The spectrum of infections that can be transmitted through bites
- Pathogens that could cause death following introduction by a bite wound
- Risk factors for bite wounds from dogs and cats
- Risk factors for lethal outcomes following bite wounds
- How pathogens introduced through biting can cause death in humans and veterinarians' role in prevention

270

2:45 – 3:45 p.m.

Zoonotic *Bartonella* Infection and Neuropsychiatric Illness in Humans

Erin Lashnits, M.S., DVM, Ph.D., DACVIM (SAIM)

Audience: V, T, MO, HS, SS, BT // Level: 1, 2, 3

Bartonella infection has recently been reported in people with a variety of neuropsychiatric conditions.

This session will:

- Introduce the connection between bacterial infections and neuropsychiatric disease
- Review the transmission and common disease manifestations of zoonotic *Bartonella* species
- Provide an update on recent studies linking *Bartonella* infection and neuropsychiatric illnesses

271

4 – 5 p.m.

Bartonellosis in Dogs and Cats: Epidemiology and Clinical Decision Making

Erin Lashnits, M.S., DVM, Ph.D., DACVIM (SAIM)

Audience: V // Level: 1, 2, 3

Bartonella infection is becoming more common in companion animals. This session will summarize new evidence on:

- The epidemiology and clinical manifestations of bartonellosis in dogs and cats
- Diagnostic testing options and treatment recommendations for *Bartonella* infection in dogs and cats

SHELTER ANIMAL

272

8 – 9 a.m.

Ergonomics in the Veterinary Clinic

Sara White, DVM, M.Sc.

Audience: V, T, MO, HS, SS, BT // Level: 1, 2, 3

Ergonomics can improve the 'fit' between people and their work environment in order to improve safety, health, and performance. This session will explain:

- Risk factors associated with ergonomic strain or injury in the veterinary workplace, including repetition, forceful exertion, lifting, awkward postures, prolonged static loads, vibration, or a combination of these factors
- Recognizing ergonomic hazards
- Using the hierarchy of controls to find solutions to ergonomic hazards at work

273

9:15 – 10:15 a.m.

Ergonomics for the High-Volume Surgeon

Sara White, DVM, M.Sc.

Audience: V // Level: 1, 2, 3

High-quality, high-volume spay/neuter (HQHVSN) can be physically demanding, but there are ways to make it more comfortable. This session will cover:

- HQHVSN surgeon discomfort survey results
- Setting up the physical space for surgery, taking into account a variety of different workspaces
- Surgical techniques and ergonomics
- Instruments and instrument grasps

- Physical conditions, challenges, and differences that may impact an individual surgeon's ergonomics

274 10:30 – 11:30 a.m.
HQHVSN Techniques, Part I: Canine and Feline Basics

Sara White, DVM, M.Sc.

Audience: V // Level: 1, 2, 3

Learn the surgical techniques that make HQHVSN safe and quick! This session will cover ligations, including modified miller's knot and feline pedicle tie; incision placement; use of the spay hook; and closure techniques.

275 1:30 – 2:30 p.m.
HQHVSN Techniques, Part II: Complicated Patients

Sara White, DVM, M.Sc.

Audience: V // Level: 1, 2, 3

Things get trickier in this second hour of HQHVSN techniques. Attendees will learn approaches for challenging cases, including canine and feline cryptorchids, pregnant and lactating animals, and rabbits.

276–277 2:45 – 5 p.m.
HQHVSN Surgical Complications and Challenges

Sara White, DVM, M.Sc.

Audience: V, T // Level: 1, 2, 3

HQHVSN surgeries that begin as a routine procedure may not unfold that way. This two-part series will cover:

- Selecting and assessing patients prior to surgery
- Recognizing developmental anomalies, including intersex and uterus unicornis
- Intraoperative complications, including iatrogenic organ trauma, hemorrhage, and dropped pedicles
- Recognizing and treating postoperative abdominal hemorrhage, including autotransfusion protocols
- Postoperative complications, including scrotal swelling, seromas, hematomas, and infections
- Ovarian remnant syndrome
- Discussing complications with owners and staff
- Coping with and handling serious complications

SMALL RUMINANTS

278 8 – 9 a.m.
Breeding Soundness Evaluation in the Ram and Buck

Erin E. Runcan, DVM, DACT

Audience: V // Level: 1, 2, 3

This session will offer step-by-step guidelines for best practices of semen collection and analysis in small ruminants. *Note: This session is a pre-requisite for Lab H.*

279 9:15 – 10:15 a.m.
Practitioner's Guide to Perineal Urethrostomy and Tube Cystostomy

Andrew Niehaus, DVM, M.S., DACVS-LA

Audience: V, T // Level: 2

This session will discuss using perineal urethrostomy (PU) and tube cystostomy to correct life-threatening urinary

obstructions in small ruminants. Attendees will learn:

- Basics of urinary obstruction in small ruminants
- Pros, cons, and myths of PU and tube cystostomy
- Patient prognosis following a PU or tube cystostomy

280 10:30 – 11:30 a.m.
Dental Disease in Small Ruminants and Camelids

Andrew Niehaus, DVM, M.S., DACVS-LA

Audience: V, T // Level: 2

Dental issues are common among camelids and small ruminants. This session will review:

- The most common dental abnormalities in these patients
- Diagnosing and treating tooth root abscesses in camelids
- Common conditions affecting small ruminants' dentition
- Prognosis for dental disease

281 1:30 – 2:30 p.m.
Strategies for Estrous Synchronization in Sheep

Alvaro Garcia Guerra, DVM, M.Sc., Ph.D., DACT

Audience: V // Level: 1, 2, 3

This session will describe the physiological bases for estrous synchronization, new advancements in short duration protocols, and factors affecting fertility to synchronization.

282 2:45 – 3:45 p.m.
Triage for the Thin Camelid: How to Evaluate and Treat

Pamela G. Walker, DVM, M.S., DACVIM (LAIM)

Audience: V, T // Level: 1, 2, 3

There are many reasons why camelids can become thin, from parasites to geriatric conditions. In this session, attendees will learn about:

- Frequent causes and treatment options
- Factors to consider, including age, sex, pregnancy status, and the environment
- Vitamin regimens for ill-thrift and geriatric camelids

283 4 – 5 p.m.
Neonatal Diseases and Disorders of Camelids: How to Keep Them Healthy

Pamela G. Walker, DVM, M.S., DACVIM (LAIM)

Audience: V, T // Level: 1, 2, 3

Like any newborn, camelid crias need to be treated with special care. This session will cover:

- Proper care in the immediate postpartum period
- Diagnosing and treating common conditions
- Congenital defects that can be present or develop in crias

STAFF DEVELOPMENT

284 8 – 9 a.m.
Keeping the Good Ones

Matt Morbitt

Audience: V, MO // Level: 1

This session will provide practical advice on how to connect with your team members, helping to increase their engagement and reduce unwanted turnover.

285 9:15 – 10:15 a.m.
Effective Communication in the Workplace

Matt Morbitt

Audience: V, T, MO, HS, SS, BT // Level: 1

Think you're communicating enough? Think again. This session will explore practical ways to effectively communicate with your team members, helping to build trust, improve performance, and align behaviors.

286 10:30 – 11:30 a.m.
Reduce Workplace Stress by Resolving Conflict

Maura Stevenson, Ph.D.

Audience: V, T, MO, HS, SS, BT // Level: 1, 2

The work we do every day in veterinary medicine can bring us joy, but it also can be draining. In this practical session, attendees will learn how to:

- Separate healthy conflict from damaging conflict
- Leverage different styles of conflict resolution depending on the situation
- Break conflict down into smaller steps so it can be resolved in a more deliberate manner

287 1:30 – 2:30 p.m.
Improve Prioritization in Work and Life

Maura Stevenson, Ph.D.

Audience: V, T, MO, HS, SS // Level: 1, 2

Do you sometimes feel like you can't keep up? We all feel overwhelmed sometimes. This session will provide practical tips and tools so attendees can:

- Better assess and plan their to-do list
- Decide what to focus on and when to say "no"
- Get in the right mindset to reframe situations

288 2:45 – 3:45 p.m.
Compassion Fatigue: Prevention, Recognition, and Treatment

Megan E. Williams, GBA, CCFP

Audience: V, T, MO, HS, SS // Level: 1

We've all heard the buzzword "compassion fatigue," but what is it? In this session, attendees will learn:

- What it means to be compassion fatigued and how to prevent it
- The history and evolution of compassion fatigue and its impact on the veterinary profession
- Symptoms of compassion fatigue and how to treat them

289 4 – 5 p.m.
Question, Persuade, Refer: Three Steps Anyone Can Use to Prevent Suicide

Megan E. Williams, GBA, CCFP

Audience: V, T, MO, HS, SS // Level: 1

QPR—which stands for question, persuade, and refer—is a practical method of suicide prevention training. This session will discuss:

- The prevalence of suicide in the veterinary profession
- How to recognize direct and indirect signs of crisis
- The fundamentals of the QPR method and how to use it

SESSION DESCRIPTIONS // Friday, Feb. 18

TECHNICIAN I

290 8 – 9 a.m.

Just Kidding Around: Dystocia and Neonatal Care in Farm Animals

Grace VanHoy, DVM, M.S., DACVIM-LA

Audience: T // Level: 1, 2, 3

Three things are certain in life: Death, taxes, and dystocia season. This session will cover dystocia in cattle, camelids, goats, sheep, and pigs; required equipment; common presentations; and post-dystocia management.

291 9:15 – 10:15 a.m.

A Baker's Dozen: Common Parasite Eggs in Large Animals

Grace VanHoy, DVM, M.S., DACVIM-LA

Audience: T // Level: 1, 2, 3

Fecal flotation is one of the most valuable in-house diagnostics for diagnosing weight loss, diarrhea, and anemia. In this session, attendees will learn about:

- Diagnostic options, both in house and sent out
- Strengths and limitations of common diagnostics
- Common flotation solution set-ups
- Practical parasite egg identification

292 10:30 – 11:30 a.m.

Pregnancy Toxemia: The Challenge of Diabetes in Late Pregnancy

Grace VanHoy, DVM, M.S., DACVIM-LA

Audience: T // Level: 1, 2, 3

Pregnancy toxemia is one of the most common small ruminant emergencies in farm animal medicine. In this session, attendees will learn:

- Why ketosis and diabetes occur in late pregnancy
- Risk factors, diagnostics, and treatment
- How to educate clients on prevention

293 1:30 – 2:30 p.m.

Animals with One Stomach are Underachieving

Grace VanHoy, DVM, M.S., DACVIM-LA

Audience: T // Level: 1, 2, 3

A dog and an alpaca walk into a bar and eat some pretzels...but what happens next? Ruminants and camelids have an incredibly unique and complex digestive physiology. In this session, attendees will learn about:

- Forestomach anatomy and physiology
- How carbohydrate metabolism differs from monogastrics
- Common forestomach diseases

294 2:45 – 3:45 p.m.

Case Studies: Acute Abdomen in Farm Animals

Grace VanHoy, DVM, M.S., DACVIM-LA

Audience: T // Level: 2, 3

In this interactive case-based session, several cases of goats, cattle, and camelids with acute abdomen will be presented to highlight the following:

- Workups of both frequently diagnosed and less common diseases
- Medical management and surgical approaches

295 4 – 5 p.m.

Inside the Mind of a Vet Student: The Technician's Role in Teaching Shadow Students

Grace VanHoy, DVM, M.S., DACVIM-LA

Audience: T // Level: 1, 2, 3

Technicians are invaluable in the education of budding veterinarians. In this session, attendees will learn how to:

- Develop a shadowing program with defined goals and outcomes
- Give effective feedback
- Coach effectively in high- and low-stress settings

TECHNICIAN II

296–298 8 – 11:30 a.m.

Veterinary Technician Specialties Panel

Pamela Kirby, RVT, VTS (Ophthalmology), Katrina Lafferty, RLAT, VTS (Anesthesia/Analgesia), Shana A. Lemmenes, CVT, VTS (EVN), Jordan A. Porter, RVT, VTS (SAIM) and Leslie Wereszczak, LVMT, VTS (ECC)

Audience: T // Level: 1, 2, 3

In this panel discussion, each presenter will explain their specialty, what is necessary to obtain your VTS, how best to prepare yourself leading up to that point, and what doors will open for you once it is obtained.

299 1:30 – 2:30 p.m.

Equine Emergencies: Be Prepared!

Shana A. Lemmenes, CVT, VTS (EVN)

Audience: T // Level: 1

If you work in an equine practice, it's not uncommon to see colics, lacerations, and fractures—sometimes on the same day! Are you prepared? This session will cover:

- The most common emergencies seen in referral hospitals
- Required equipment to have ready for any emergency
- How to set up so you're ready to go at a moment's notice

300 2:45 – 3:45 p.m.

Neonatal Care: Is Your Team Ready for Foaling Season?

Shana A. Lemmenes, CVT, VTS (EVN)

Audience: T // Level: 1

Foals present a unique set of challenges, from handling to orphan care to oxygen therapy. In this session, attendees will learn:

- How to set up a foal unit
- Common reasons why foals are seen in the hospital
- Specialty equipment needed to work with foals

301 4 – 5 p.m.

Working With a Neurologic Horse: Be Prepared, Be Safe!

Shana A. Lemmenes, CVT, VTS (EVN)

Audience: T // Level: 2

A neurologic horse can be dangerous not only to itself, but to veterinary staff as well. This session will discuss:

- Techniques for moving a down horse
- Safety tips and special equipment needed when working with neurologic animals

WELLNESS

302 8 – 9 a.m.

The Art and (Brain) Science of "Peopling"

Jen C. Brandt, MSW, LISW-S, Ph.D.

Audience: V, T, MO, HS, SS, BT // Level: 1, 2, 3

This dynamic seminar will take an engaging look at "yes, but" thought patterns that get in the way of our own health and happiness and influence our interactions with others, through the lens of neuroscience and human behavior. We'll also explore the "yes, and" approach to affirming hope, fostering adaptability, and improving social connections, interpersonal rapport, health, and wellbeing.

303 9:15 – 10:15 a.m.

Wellbeing and the Snake Oil Parable

Jen C. Brandt, MSW, LISW-S, Ph.D.

Audience: V, T, MO, HS, SS, BT // Level: 1, 2, 3

This dynamic presentation will provide a brief history of snake oil to illustrate parallels to current trends in veterinary wellbeing programming and the widespread scope of practice issues. Participants will:

- Deconstruct wellbeing-based narratives on social media
- Learn evidence-based approaches for promoting wellbeing
- Identify six foundational criteria for becoming more qualified discerners of wellbeing programming

304 10:30 – 11:30 a.m.

Emotional Blackmail: How to End the Cycle

Jen C. Brandt, MSW, LISW-S, Ph.D.

Audience: V, T, MO, HS, SS, BT // Level: 1, 2, 3

Emotional blackmail is a form of manipulation used to coerce people into doing what someone else wants. This interactive seminar will address the cycle of manipulation, submission, and resentment that characterizes emotional blackmail. Participants will learn:

- Underlying triggers for emotional blackmail
- What makes us vulnerable to emotional blackmail
- Strategies to disrupt emotional blackmail at home and in the workplace

305

The Art of Saying “No”

Makenzie Peterson, M.Sc.

Audience: V, T, MO, HS // Level: 1, 2

Many of us struggle with setting professional boundaries and limits. From psychological barriers to a lack of technical skills to pressure from colleagues, there are many reasons why it can be difficult to say “no.” This presentation will walk participants through:

- How to identify their personal barriers to saying “no”
- The pinch points they may need to overcome
- Phrases they can use to help them create better boundaries and a more balanced workload that allows them to say “yes!” to life outside of work

306

Professional Hazing, Gaslighting, and Discrimination: What’s the Difference?

Makenzie Peterson, M.Sc.

Audience: V, T, MO // Level: 1, 2

This session will discuss cultural norms in the veterinary profession, ranging from subliminal gaslighting in an effort to keep the status quo, to institutionalized hazing aimed at making sure everyone “earns their stripes,” to full-out discrimination. Attendees will leave knowing how to end professional hazing in their workplace.

307

Leaders Building a Culture of Wellbeing (Hint: No Yoga or Mindfulness Involved)

Makenzie Peterson, M.Sc.

Audience: V, MO // Level: 1, 2

Trying to change a practice culture is a long, arduous process, but it is worth the energy and effort in order to build a more resilient profession. Not only does positive practice culture improve retention, but it also boosts morale and diminishes workplace burnout. In this session, attendees will:

- Learn the top models for organizational culture change
- Discover how to incorporate multiple stakeholder needs
- Identify and navigate barriers such as closed attitudes, counterproductive change dynamics, and lack of expertise
- Gain an awareness and intellectual framework to think more critically about how to achieve a culture of wellbeing in their practices and in veterinary medicine as a whole

1:30 – 2:30 p.m.

SPECIAL PROGRAMS**B**

8:30 – 11:30 a.m.

Imaging Rounds: Making Sense of Your Ultrasound Images

Amy Habing, DVM, DACVR

Audience: V // Level: 1, 2 // CE: 3 hours // Capacity: 40 // Prerequisites: Basic ultrasound experience. // Fee: \$75

This special program will include case-based discussions of technical tips for imaging, ultrasound appearance of certain disease processes, use of Doppler, and ultrasound guided sampling. Attendee interaction will be encouraged.

C

1:30 – 3 p.m.

Essential Oil Organoleptics

Carol Falck, VMD

Audience: V // Level: 1, 2 // CE: 1.5 hours // Capacity: 50 // Prerequisites: Sessions 224–226 recommended. // Fee: \$60

Participants in this lab will gain an understanding of the physiology and olfactory pathway of essential oils. This will include a review of essential oils, as well as a fun, hands-on exercise in essential oil organoleptics. Attendees will actively engage in using their senses to evaluate several essential oil mystery samples, followed by a reveal.

D

1:30 – 3 p.m.

A Case-Based Approach to Hepatic Disease

James Howard, DVM, M.S., DACVS-SA; Valerie J. Parker, DVM, DACVIM (SAIM), DACVN; Adam J. Rudinsky, DVM, M.S., DACVIM; and Jenessa A. Winston, DVM, Ph.D., DACVIM (SAIM)

Audience: V // Level: 2, 3 // CE: 1.5 hours // Capacity: 40 // Prerequisites: None. // Fee: \$120

This special program will use several cases to highlight various aspects of diagnosis and management of canine liver disease. This will be an interactive workshop in which attendees will:

- Review interpretation of labwork
- Determine how to best obtain liver biopsies
- Decipher histopathology and additional specialized testing
- Discuss appropriate medical and nutritional management strategies

SESSION DESCRIPTIONS // Saturday, Feb. 19

Note: The following session descriptions have been edited for length. To read the complete descriptions, please visit www.mvcinfo.org/education.

ANIMAL BEHAVIOR

400 8 – 9 a.m.

The Language of Meow: Decoding Cat Body Language and Social Behavior

Carlo Siracusa, DVM, Ph.D., DACVB

Audience: V, T, SS, BT // Level: 2

This session will cover how to:

- Read and interpret cat body language
- Explain interactions between cats and humans
- Explain interactions among cats

401 9:15 a.m. – 10:15 a.m.

The Feline Dream Home: Creating a Welfare-Friendly Home

Carlo Siracusa, DVM, Ph.D., DACVB

Audience: V, T, SS, BT // Level: 2

This session will cover:

- Principles behind welfare-friendly homes for cats
- Recommendations for creating a welfare-friendly home
- Promoting harmony in a multi-cat household

402 10:30 – 11:30 a.m.

Do Cats Mean to be Mean? Part I: Cat Aggression to People

Carlo Siracusa, DVM, Ph.D., DACVB

Audience: V, T, SS, BT // Level: 2

This session will explore:

- Early signs of cat aggressive behavior directed to people
- Behavioral treatment recommendations
- Prescription drug options

403 1:30 – 2:30 p.m.

Do Cats Mean to be Mean? Part II: Aggression Between Cats

Carlo Siracusa, DVM, Ph.D., DACVB

Audience: V, T, SS, BT // Level: 2

This session will describe:

- Early signs of aggressive behavior between cats
- Behavioral treatment recommendations
- Prescription drugs to alleviate aggression between cats

404 2:45 – 3:45 p.m.

My House is Not Your Toilet! Decoding Feline Elimination Problems

Carlo Siracusa, DVM, Ph.D., DACVB

Audience: V, T, SS, BT // Level: 2

This session will:

- List environmental enrichment recommendations that can prevent or treat inappropriate elimination
- Explore ways to prevent inappropriate elimination by managing social interactions among cats
- Differentiate pathogenic mechanisms of inappropriate elimination (differential diagnoses)
- Describe how to treat inappropriate elimination using a multimodal approach

405 4 – 5 p.m.

Understanding and Managing Inappropriate Scratching in Cats

Carlo Siracusa, DVM, Ph.D., DACVB

Audience: V, T, SS, BT // Level: 2

This session will:

- Describe mechanisms and motivations that regulate normal scratching behavior
- List recommendations for reducing undesired scratching

After this session, join Dr. Siracusa, along with Dr. Meghan Herron, for a meet-and-greet and book signing! Visit www.mvcinfo.org/events to learn more.

AQUACULTURE

406–408 8 – 11:30 a.m.

All You Need to Know About Fish Health: It's Probably Something in the Water

Kevin John Neves, Ph.D.

Audience: V, T, MO // Level: 1, 2, 3

Fish medicine can be very challenging, both in terms of diagnosis and treatment. In this three-part lecture, we will cover the following:

- A summary of all things fishy, including internal and external anatomy, a comparison of freshwater and saltwater fish, and types of fish keeping (home aquarist vs. public aquarium vs. aquaculture)
- The importance of water quality in terms of fish health
- How to identify common issues in fish, including disease, malnutrition, and stress
- Solutions to easily treat issues
- What to do when the easy solutions do not work

EQUINE

409 8 – 9 a.m.

Type 2 Polysaccharide Storage Myopathy and Myofibrillar Myopathy in Warmbloods

Stephanie Valberg, DVM, Ph.D., DACVIM, DACVSMR

Audience: V // Level: 2

This session will review common causes of exercise intolerance in warmbloods. Diagnostic approach, etiology, and treatment for type 2 polysaccharide storage myopathy and myofibrillar myopathy will also be presented.

410 9:15 – 10:15 a.m.

Generalized Muscle Atrophy in Horses: Will it Come Back?

Stephanie Valberg, DVM, Ph.D., DACVIM, DACVSMR

Audience: V // Level: 2

In this session, attendees will learn the best method for identifying the underlying cause of muscle atrophy and how to help restore muscle mass.

411 10:30 – 11:30 a.m.

Movement Disorders in Horses: Shivers, Stringhalt, and More

Stephanie Valberg, DVM, Ph.D., DACVIM, DACVSMR

Audience: V // Level: 2

Beyond lameness and ataxia, there are a number of movement disorders in horses. This session will review movement disorders such as shivers, stringhalt, stiff horse syndrome, and myoclonus.

412 1:30 – 2:30 p.m.

Equine Cutaneous Neoplasia

Megan McCracken, DVM, M.S., DACVS-LA

Audience: V, T // Level: 2, 3

In this session, attendees will:

- Gain knowledge of current information on the pathogenesis of common equine cutaneous neoplasia
- Learn about current therapy options for equine sarcoids and squamous cell carcinoma
- Improve ability to recommend the best therapy options

413 2:45 – 3:45 p.m.

Management Strategies for Challenging Equine Wounds

Megan McCracken, DVM, M.S., DACVS-LA

Audience: V, T, HS // Level: 2, 3

In this session, attendees will:

- Explore evidence-based recommendations for treating complicated equine wounds
- Learn about options and techniques for primary closure and delayed primary closure of wounds
- Gain a greater understanding of options for topical wound antimicrobial treatment
- Review recommendations for therapy at different stages of wound healing

414 4 – 5 p.m.

Techniques for Management of Equine Septic Arthritis

Megan McCracken, DVM, M.S., DACVS-LA

Audience: V, T, HS // Level: 2, 3

This session will discuss:

- Techniques for diagnosing septic arthritis in the field
- Available treatment options, including treatment on the farm and when to refer
- Options for antimicrobial and anti-inflammatory therapy in horses with septic arthritis

FOOD ANIMAL

415 8 – 9 a.m.

Immune Development in Calves

Angel Abuelo, DVM, Ph.D., MVetED, DABVP, DECBHM

Audience: V // Level: 2

This session will cover:

- Neonatal calf immunology and factors affecting immune development in calves
- Immune responses of newborn calves
- Strategies to improve neonatal immunity

416 9:15 a.m. – 10:15 a.m.

Calf Vaccination: Science and Strategies

Angel Abuelo, DVM, Ph.D., MVetED, DABVP, DECBHM

Audience: V // Level: 2

This session will review:

- Vaccination strategies appropriate for dairy calves, focusing on vaccination of calves in the first six months of life
- Types of vaccines available, with emphasis on newer products
- The immune response post-vaccination
- Current scientific information on vaccines that may impact how practitioners use these products in practice

417 10:30 – 11:30 a.m.

Impact of Early Life Events on the Health and Productivity of Dairy Heifers

Angel Abuelo, DVM, Ph.D., MVetED, DABVP, DECBHM

Audience: V // Level: 2

This session will review long-term effects of pre-weaning events and management practices on health outcomes, reproductive efficiency, and milk production.

418 1:30 – 2:30 p.m.

Managing *Salmonella* Dublin in Calves

Angel Abuelo, DVM, Ph.D., MVetED, DABVP, DECBHM

Audience: V // Level: 2

The prevalence of the multi-resistant bacteria *Salmonella* Dublin continues to rise in dairy farms in the U.S. This session will cover:

- Pathogenesis, recognition, and impact of *Salmonella* Dublin in dairy cattle
- Strategies for detecting *Salmonella* Dublin in a herd
- Conducting a risk-assessment analysis
- Control measures

419–420 2:45 – 5 p.m.

Potbellied Pig Primary Care

Laurie M. Millward, DVM, M.S., DACVP

Audience: V, T, HS, SS, BT // Level: 1, 2

This two-part session will provide an overview of potbellied pig care, including behavior, low-stress handling, physical examination, recommended preventive care, and common health problems.

HOLISTIC & INTEGRATIVE MEDICINE

421 8 – 9 a.m.

Essential Oil Analgesia

Carol Falck, VMD

Audience: V, T // Level: 1, 2

This session will discuss evidence that essential oils can help manage pain and how practitioners might incorporate essential oils into their analgesic protocols. *This session is recommended for Lab I.*

422 9:15 a.m. – 10:15 a.m.

End-of-Life Comfort Care with Essential Oils

Carol Falck, VMD

Audience: V, T // Level: 1, 2

This session will explore how essential oils can help maximize patient comfort during the final stages of life and the role they play in the physical, social, and emotional components of end-of-life care. *This session is recommended for Lab I.*

423 10:30 – 11:30 a.m.

Essential Oils for Veterinary Wellbeing

Carol Falck, VMD

Audience: V, T, MO, HS, SS, BT // Level: 1, 2

This session will discuss how essential oils can help the veterinary team cope with stress, including scientific evidence they can influence wellbeing and practical steps for safely incorporating them into a personal stress management plan. *This session is recommended for Lab I.*

424 1:30 – 2:30 p.m.

"Fixing" the Neurological Animal for the Common Joe

Bill Ormston, DVM, CAC, DVETHOM

Audience: V, T, MO // Level: 1, 2, 3

This session will look at how complex actions can be broken down into simple neurological problems that can be treated.

425 2:45 – 3:45 p.m.

Alternative Therapies for the Neurological Animal

Bill Ormston, DVM, CAC, DVETHOM

Audience: V, T, MO, HS // Level: 1, 2, 3

This session will explore case examples of therapies that help animals with neurological problems in day-to-day practice.

426 4 – 5 p.m.

Thank Goodness, It's All Neurology

Bill Ormston, DVM, CAC, DVETHOM

Audience: V, T, MO, HS // Level: 1, 2, 3

This session will explain why every animal that visits the clinic has a neurological issue and how this is an opportunity rather than an obstacle.

PET ANIMAL CRITICAL CARE

427 8 – 9 a.m.

Dyspnea: A Pattern-Based Approach to Respiratory Distress

Christopher Byers, DVM, DACVECC, DACVIM (SAIM), CVJ

Audience: V, T // Level: 1

In this session, attendees will learn to recognize patterns associated with disorders of the upper airway, pleural space, chest wall, and pulmonary parenchyma.

428 9:15 a.m. – 10:15 a.m.

Common Cardiac Emergencies in Cats and Dogs

Christopher Byers, DVM, DACVECC, DACVIM (SAIM), CVJ

Audience: V, T // Level: 1

Attendees will learn to diagnose and treat:

- Cardiac failure
- Cardiac tamponade
- Feline arterial thromboembolism

429 10:30 – 11:30 a.m.

Immune Thrombocytopenia: Practical Diagnosis and Management

Christopher Byers, DVM, DACVECC, DACVIM (SAIM), CVJ

Audience: V, T // Level: 2

This session will:

- Review clinically relevant pathophysiology of immune thrombocytopenia
- Discuss its accurate management
- Highlight available therapeutic options

430 1:30 – 2:30 p.m.

Practical Approach to Shock in Cats and Dogs

Christopher Byers, DVM, DACVECC, DACVIM (SAIM), CVJ

Audience: V, T // Level: 1

This session will:

- Review basic types of shock
- Discuss a logical diagnostic approach to shock patients
- Highlight practical therapeutic options

431 2:45 – 3:45 p.m.

Practical Approach to Urethral Obstruction in Cats

Christopher Byers, DVM, DACVECC, DACVIM (SAIM), CVJ

Audience: V, T // Level: 2

This session will:

- Review pathophysiology of feline urethral obstruction
- Discuss logical approaches to de-obstruction
- Highlight appropriate therapeutic interventions

432 4 – 5 p.m.

Hypoadrenocorticism: A Practical Approach to the Great Pretender

Christopher Byers, DVM, DACVECC, DACVIM (SAIM), CVJ

Audience: V, T // Level: 2

Attendees will:

- Review pathophysiology of hypoadrenocorticism
- Discuss logical approaches to accurate diagnosis
- Learn about appropriate therapies

SESSION DESCRIPTIONS // Saturday, Feb. 19

PET ANIMAL DERMATOLOGY

433-434

8 – 10:15 a.m.

Otitis: Clinical Assessment and Therapeutic Approaches

Dunbar Gram, DVM, DACVD, MRCVS and Domenico Santoro, DVM, M.S., Dr.Sc., Ph.D., DACVD, DECVD, DACVM

Audience: V // Level: 2

This two-part session will discuss clinical assessment and therapeutic approaches to otitis through the lens of two different dermatological practitioners.

435-438

10:30 – 11:30 a.m.; 1:30 – 5 p.m.

Pruritus: Diagnostics and Therapeutics

Dunbar Gram, DVM, DACVD, MRCVS and Domenico Santoro, DVM, M.S., Dr.Sc., Ph.D., DACVD, DECVD, DACVM

Audience: V // Level: 1, 2

In the first hour of this four-part series, the speakers will discuss diagnostic options for working up the pruritic dog. The second hour will cover diagnostic options for working up the pruritic cat. In the third session, the speakers will explore therapeutic options for pruritus. In the final hour, true cases of pruritic pets will be reviewed.

PET ANIMAL GASTROINTESTINAL

439

8 – 9 a.m.

Gastrointestinal Foreign Bodies in Dogs and Cats: Diagnosis and Treatment

Marnin Forman, DVM, DACVIM

Audience: V // Level: 2

This session will cover:

- How clinical signs often vary depending on the location, degree, and duration of obstruction
- Normal and abnormal findings
- Diagnostic accuracy of radiographs, ultrasound, and computed tomography in diagnosing GI foreign bodies and/or obstructions
- Indications, benefits, limitations, and risks of different treatment modalities, including medical management, endoscopy, and surgery

440

9:15 – 10:15 a.m.

Cholangitis: Easy to Diagnose, But Easy to Miss

Marnin Forman, DVM, DACVIM

Audience: V // Level: 2, 3

This session will review:

- Diagnostic evaluation, including signalment, clinical signs, physical examination findings, laboratories, and hepatobiliary ultrasonographic abnormalities, with a focus on the diagnostic accuracy of the evaluation
- Utilization, risk, and benefits of bile cytology obtained by ultrasound-guided percutaneous cholecystocentesis

- Histological classification scheme of inflammation of the bile ducts
- General and specific therapy of cholangitis, with a focus on neutrophilic and lymphocytic cholangitis

441

10:30 – 11:30 a.m.

Gastrointestinal Dysmotility Disorders: Causes, Diagnosis, and Treatment

Marnin Forman, DVM, DACVIM

Audience: V // Level: 2, 3

In this session, attendees will learn:

- Techniques to access GI motility and to determine if hypomotility, hypomotility, or normal motility is present
- Common and uncommon causes of abnormal motility, including those associated with mechanical obstructions and non-obstructive, functional conditions
- Therapies for hypomotility, dietary modifications, and prokinetics, including serotonergic drugs, motilin agonist, acetylcholinesterase inhibitors, and ghrelin-agonists
- Adverse sequelae of GI dysmotility

442

1:30 – 2:30 p.m.

Feline Pancreatitis: Getting the Diagnosis and Providing Therapy

Marnin Forman, DVM, DACVIM

Audience: V // Level: 2

In this session, attendees will learn:

- Diagnostic modalities that can be employed to rule out or diagnose pancreatitis in the cat, with a focus on serologic testing (Spec fPL®, Precision PSL®) and pancreatic ultrasound
- Recommendations for addressing discordant pancreatitis testing
- Which comorbid diseases to screen for
- Therapies for mild, moderate, and severe pancreatitis, including potential scenarios warranting the use of corticosteroids

443

2:45 – 3:45 p.m.

IBD: Reaching a Definitive Diagnosis and Managing Difficult Cases

Marnin Forman, DVM, DACVIM

Audience: V // Level: 2

Inflammatory bowel disease (IBD) is a common differential in cats and dogs with clinical signs of vomiting, diarrhea, and/or weight loss, as well as abnormalities including hypoalbuminemia, hypocobalaminemia, gastrointestinal thickening, or thickening of the muscularis layer. In this session, attendees will learn:

- Techniques to optimize the diagnosis of IBD in cats and dogs, including ultrasound interpretation, endoscopic utilization, and additional testing following standard light microscopy
- Global and specific therapeutic approaches to IBD
- Management options for steroid refractory IBD

444

4 – 5 p.m.

Canine Hepatopathies: Matching the Ultrasound Findings with Biopsy Options

Marnin Forman, DVM, DACVIM

Audience: V // Level: 2

This session will cover:

- Diagnostic accuracy of biochemical evaluation, liver function, and hepatic imaging for hepatobiliary disease
- Techniques on prioritizing differential diagnoses with canine hepatobiliary diseases
- Use, accuracy, risks, and benefits of hepatic sampling

PET ANIMAL OPHTHALMOLOGY

445

8 – 9 a.m.

When to Worry: Complicated Canine Corneal Disease

Anne Metzler, DVM, M.S., DACVO

Audience: V, T, SS // Level: 2

In this session, attendees will learn:

- How to differentiate between uncomplicated and complicated corneal ulcers
- When to perform corneal cytology and culture
- Standard and aggressive medical protocols for ulcers
- Recognizing and treating corneal degenerative disorders

446

9:15 – 10:15 a.m.

The Eye is the Window: Ocular Manifestations of Systemic Disease

Anne Metzler, DVM, M.S., DACVO

Audience: V, T, SS // Level: 2

In this session, attendees will learn:

- Diseases that may cause lesions in each anatomical part of the eye
- Ophthalmic signs that can be anticipated with a variety of systemic diseases
- How hypertensive retinopathy presents differently in dogs versus cats
- The most common causes of uveitis in dogs and cats

447

10:30 – 11:30 a.m.

Cataract or Nuclear Sclerosis? What to Do with the Cloudy Lens

Eric J. Miller, DVM, M.S., DACVO

Audience: V // Level: 1, 2, 3

In this session, attendees will learn:

- How to diagnose a cloudy lens
- Common causes of cataracts
- Complications of lens disease
- Recommended treatments

448

1:30 – 2:30 p.m.

Common Ocular Neoplasia: How Aggressive Should Treatment Be?

Eric J. Miller, DVM, M.S., DACVO

Audience: V // Level: 1, 2, 3

In this session, attendees will learn:

- Common tumors in dogs and cats
- General behavior of tumors by location and species
- Diagnostic approach for ocular tumors
- Approach to treatment of ocular neoplasia

449

2:45 – 3:45 p.m.

The Red Eye: Conjunctival Disease, or Something Else?

Georgina Newbold, DVM, DACVO

Audience: V, T // Level: 1, 2

In this session, attendees will learn:

- Common causes of conjunctival inflammation in dogs and cats
- How to determine whether the red eye is an infection or something else
- Which conditions can be vision threatening
- Ophthalmic diagnostic tests to rule out serious problems

450

4 – 5 p.m.

Common Ocular Emergencies: When to Treat and When to Refer

Georgina Newbold, DVM, DACVO

Audience: V, T // Level: 1, 2

This session will cover:

- Proptosis and deciding if the globe should be replaced or removed
- Determining whether glaucoma is primary or secondary and how to treat in an emergency setting
- Diagnosing lens luxation, important questions to ask in the exam, and when to refer
- Important examination tips in cases of sudden blindness, as well as diagnostic tests and referral decisions
- Differentiating between corneal laceration and deep ulcer, and when to treat or refer for each

PRACTICE MANAGEMENT I

451

8 – 9 a.m.

Human Resources Law 101 for Owners and Managers

Julie M. Young, J.D.

Audience: MO // Level: 1

Understanding the basics of HR laws allows an employer to be proactive instead of reactive. This session will:

- Introduce HR law fundamentals
- Describe practical application of those fundamentals in the workplace
- Share best practices for auditing HR policies and procedures for legal compliance

452–453

9:15 – 11:30 a.m.

Shape Up or Ship Out: Best Practices for Employee Discipline and Termination

Julie M. Young, J.D.

Audience: MO // Level: 1

Disciplining and terminating employees is no fun but is sometimes necessary. This two-part session will discuss:

- Proactive ways to avoid employee problems
- How to handle employee discipline... and how not to handle it
- Key considerations in deciding to fire an employee and how to do so effectively
- Post-termination matters to consider before firing someone

454

1:30 – 2:30 p.m.

Employee Handbooks: The Good, the Bad, and the Ugly

Julie M. Young, J.D.

Audience: MO // Level: 1

A handbook is essential for communicating with employees and protecting a practice. This session will discuss:

- The importance of legally sound policies and procedures
- Key elements of a good employee handbook
- Provisions to avoid at all costs

455

2:45 – 3:45 p.m.

To Pay Overtime or Not to Pay Overtime? That is the Question

Julie M. Young, J.D.

Audience: MO // Level: 1

Many employers mistakenly believe they get to decide who gets overtime (non-exempt employees) and who does not (exempt employees). This can result in devastating consequences for employers. This session will:

- Discuss the importance of correct classification and the crippling consequences of misclassifying non-exempt employees
- Break down the complexities of overtime law and provide practical steps for determining who is and is not entitled to overtime
- Examine the common mistakes employers make in classifying their employees
- Identify ways to self-audit both exempt and non-exempt classifications and correct problems

456

4 – 5 p.m.

Top Five Manager Mistakes that Spark Lawsuits and How to Correct Them

Julie M. Young, J.D.

Audience: MO // Level: 1

In this session, attendees will learn the top five most common and often unintentional manager mistakes and how to correct them before they turn into lawsuits. Topics to be covered include:

- The direct link between managers and legal claims
- Hidden legal traps behind performance, people, and policy management
- Simple changes that can defuse legal issues

PRACTICE MANAGEMENT II

457

8 – 9 a.m.

Essential Strategies to Maximize Communication Effectiveness

Courtney Campbell, DVM, DACVS-SA

Audience: V, T, MO, HS // Level: 1, 2, 3

Clients who have a clear understanding of the after-hospital care required for their pets are more likely to have a positive surgical outcome. This session will discuss communication strategies throughout the surgical journey for both the veterinary healthcare team and the client.

458

9:15 – 10:15 a.m.

Surgery and Communication During a Pandemic: A Delicate Balance

Courtney Campbell, DVM, DACVS-SA

Audience: V, T, MO, HS // Level: 1, 2, 3

This lecture will discuss the challenges associated with practicing surgery during a state of heightened concern over a transmissible virus. The lessons learned from this experience may be applicable long after the tide from the coronavirus pandemic has receded.

459

10:30 – 11:30 a.m.

I Hate to be the Bearer

Courtney Campbell, DVM, DACVS-SA

Audience: V, T, MO, HS // Level: 1, 2, 3

This session will discuss communication strategies for delivering bad news, which can help build a sense of trust and empathy between you and your client.

460

1:30 – 2:30 p.m.

Wound Healing: Reckoning with the Past, Understanding the Present, and Creating the Future for a More Inclusive Veterinary Profession

Courtney Campbell, DVM, DACVS-SA

Audience: V, T, MO, HS // Level: 1, 2, 3

This lecture will:

- Explore past policies, practices, and professional culture that has contributed to the lack of diversity in the veterinary profession
- Enumerate some of the changes, efforts, and actions currently underway to hasten change
- Discuss how diversity and inclusivity can strengthen the veterinary profession, stimulate creativity, and elevate business goals

461

2:45 – 3:45 p.m.

When Media Calls: The Role of Media in Veterinary Communication

Courtney Campbell, DVM, DACVS-SA

Audience: V, T, MO, HS // Level: 1, 2, 3

It is important that veterinary professionals guide conversation about animal care and provide accurate, up-to-date information to the public. This lecture will explore key strategies to survive and thrive when the media calls.

SESSION DESCRIPTIONS // Saturday, Feb. 19

462 4 – 5 p.m.

Tying the Knot: Effective Communication Between Surgery and Primary Veterinary Healthcare Teams

Courtney Campbell, DVM, DACVS-SA

Audience: V, T, MO, HS // Level: 1, 2, 3

During the coronavirus pandemic, the way we communicate not only with clients but with one another changed dramatically. This session will discuss effective communication between the primary care veterinary healthcare team, specialists, and clients to ensure the best surgical outcomes for patients.

PUBLIC HEALTH

463 8 – 9 a.m.

Public Health Implications of Antimicrobial-Resistant Bacteria

Jane Sykes, BVSc (Hons), Ph.D., MBA, DACVIM

Audience: V, T // Level: 2

In this session, attendees will:

- Understand the prevalence, types, and importance of antimicrobial-resistant bacteria in dogs and cats
- Hear evidence of zoonotic transmission of resistant bacteria to humans and the types of infections that they can cause
- Learn how to educate pet owners on ways to prevent zoonotic transmission of resistant bacteria

464 9:15 a.m. – 10:15 a.m.

When You Hear Hooves, Think Zebras: The Unexpected Zoonosis

Jane Sykes, BVSc (Hons), Ph.D., MBA, DACVIM

Audience: V, T, HS // Level: 2

This session will cover:

- When to suspect brucellosis, sporotrichosis, Q fever, tularemia, plague, and tuberculosis in dogs and cats
- How to diagnose and treat these diseases
- Educating the public on minimizing zoonotic transmission

465-466 10:30 – 11:30 a.m.; 1:30 – 2:30 p.m.

Vector-Borne Disease in a One-Health Context

Erin Lashnits, M.S., DVM, Ph.D., DACVIM (SAIM)

Audience: V, T, MO, HS, SS, BT // Level: 1, 2, 3

Vector-borne diseases have had a profound effect on human history worldwide. This two-part session will:

- Use historical examples to show how vector-borne diseases have shaped society and culture
- Present case studies of pertinent vector-borne diseases
- Explore social and ecological effects of vector-borne diseases across historical time periods and geographies
- Summarize vector-borne diseases commonly seen in dogs and cats in the Midwest

- Introduce attendees to emerging vector-borne diseases that are new to the Midwest
- Use interactive case studies to highlight clinical pearls

467 2:45 – 3:45 p.m.

SARS-CoV-2 Infections in Non-Human Animals

Erin Lashnits, M.S., DVM, Ph.D., DACVIM (SAIM)

Audience: V, T, MO, HS, SS, BT // Level: 1, 2

This session will highlight up-to-date reports of animals infected with SARS-CoV-2, focusing on:

- Potential natural reservoirs of infection
- Infection in dogs and cats
- Transmission risks both to and from animals

468 4 – 5 p.m.

Human Pathogens Associated with *Ixodes Scapularis*

Erin Lashnits, M.S., DVM, Ph.D., DACVIM (SAIM)

Audience: V, T, MO, HS, SS, BT // Level: 1, 2

With the expansion of *I. scapularis* throughout the Midwest, awareness of potential public health risks is increasingly critical. This session will:

- Introduce attendees to the pathogens transmitted by *Ixodes scapularis*
- Review epidemiological and ecological evidence for risks of infection with these pathogens
- Highlight tick prevention strategies for both companion animals and people

SHELTER ANIMAL

469 8 – 9 a.m.

Kittens, Part I: Morbidity and Mortality in Shelters and Rescues

Elizabeth Ann Berliner, DVM, DABVP (Shelter Medicine Practice, Canine and Feline Practice)

Audience: V, T, HS, SS // Level: 2

Lifesaving of kittens is a primary focus of many shelters today. The first hour of this two-part session will cover:

- Scientific literature on kitten morbidity and mortality
- Common diseases and prognostic indicators for kittens
- Streamlining medical decision making
- Successful interventions in kitten lifesaving programs

470 9:15 – 10:15 a.m.

Kittens, Part II: Medical Management and Best Care Practices

Elizabeth Ann Berliner, DVM, DABVP (Shelter Medicine Practice, Canine and Feline Practice)

Audience: V, T, HS, SS // Level: 2

The second half of this two-part session will review:

- Best treatment and management practices
- Best practices for kitten foster care
- Reliable resources for kitten lifesaving

471 10:30 – 11:30 a.m.

Diagnosis and Management of House Soiling in Shelter Cats

Elizabeth Ann Berliner, DVM, DABVP (Shelter Medicine Practice, Canine and Feline Practice)

Audience: V, T, SS // Level: 2

Cats that house soil can be a real predicament in shelters. In this session, attendees will:

- Review etiologies that fall on a spectrum from medical to behavioral
- Discuss how the environment can impact conditions and ways it can be modified
- Develop a protocol-based approach to streamline evaluation in the shelter and aid in diagnosis, management, and decision making for these difficult-to-place cats

472 1:30 – 2:30 p.m.

Diagnosis and Treatment of Feline Infectious Peritonitis

Elizabeth Ann Berliner, DVM, DABVP (Shelter Medicine Practice, Canine and Feline Practice)

Audience: V, T, SS // Level: 3

This session will discuss advances in feline infectious peritonitis (FIP) diagnosis and treatment, including:

- Treatments available online and abroad that show great promise in providing remission and potentially a cure
- Molecular diagnostic testing aimed at improving diagnostic methods and prognostic indicators for feline coronavirus

473 2:45 – 3:45 p.m.

Companion Animal Population Health: It's About Much More than Sheltering

Elizabeth Ann Berliner, DVM, DABVP (Shelter Medicine Practice, Canine and Feline Practice)

Audience: V, T, SS // Level: 2

Access to veterinary care is a national problem with tremendous impact on veterinarians, shelters, and communities at large. This session will:

- Review a variety of models and strategies to engage in population and individual care for companion animals
- Provide resources for shelter medical programs
- Discuss how medical programs can reduce intake and provide more comprehensive care

474 4 – 5 p.m.

Design and Staffing of Medical Programs in Shelters

Elizabeth Ann Berliner, DVM, DABVP (Shelter Medicine Practice, Canine and Feline Practice)

Audience: V, T, SS // Level: 2

In this session, attendees will learn how:

- Shelters are staffing and designing their medical programs for greater efficiency

- Protocols, communication points, and other documents can be crowdsourced to make the process more approachable for shelters
- To design medical programs to have the greatest impact without producing burnout

SMALL RUMINANTS

475 8 – 9 a.m.

Laparoscopic Artificial Insemination, Part I: Is it Something I Can Do?

Rachael Gately, DVM

Audience: V, T // Level: 1

The first hour of this three-part series will cover the basics of laparoscopic artificial insemination (AI) in small ruminants. Topics to be covered will include:

- Synchronization protocols
- Sedation protocols
- Laparoscopic AI procedure

476 9:15 – 10:15 a.m.

Laparoscopic Artificial Insemination, Part II: Secrets of Success

Rachael Gately, DVM

Audience: V, T // Level: 1

The second hour of this series will review:

- Equipment and consumables necessary
- Common pitfalls and frustrations
- Tips from experienced clinicians

477 10:30 – 11:30 a.m.

Laparoscopic Artificial Insemination, Part III: The Role of High-Quality Semen

Rachael Gately, DVM

Audience: V, T // Level: 1

The final hour of the laparoscopic AI series will discuss:

- Parameters to evaluate semen
- How to evaluate semen in the field
- Preserving semen to meet quality standards

478 1:30 – 2:30 p.m.

Cosmetic Dehorns for the Ambulatory Practitioner

Rachael Gately, DVM

Audience: V, T // Level: 1

This session will discuss cosmetic reasons why practitioners might dehorn small ruminants, anesthesia protocols, procedure, and post-op care, as well as pros and cons.

479 2:45 – 3:45 p.m.

The War on Worms, Part I: Practical Guide to Diagnostics

Grace VanHoy, DVM, M.S., DACVIM-LA

Audience: V // Level: 1, 2, 3

Choosing diagnostics sometimes feels like throwing darts blindfolded. This session will discuss:

- Individual animal versus herd-level diagnostic options
- Strengths and limitations of common diagnostics
- In-clinic and on-farm options versus send-out testing
- Diagnostic decision making

480 4 – 5 p.m.

The War on Worms, Part II: Integrated Parasite Control Options for Your Clients

Grace VanHoy, DVM, M.S., DACVIM-LA

Audience: V // Level: 1, 2, 3

Integrated parasite management gives clients better control, is more cost effective over time, and protects finite dewormer resources. This session will address:

- Risk factors in different farm management systems
- Pasture management to decrease parasite exposure
- Diagnostic types and recommended frequency
- Adjunctive (non-drug) options for control

STAFF DEVELOPMENT

481 8 – 9 a.m.

It's Not Always Training: Mastering the Training Needs Analysis

Heather Romano, MHRM, SPHR, SHRM-CP

Audience: V, T, MO // Level: 3

In this session, attendees will learn:

- What a training needs analysis is
- How to identify and eliminate training barriers
- How to determine what training is needed

482 9:15 a.m. – 10:15 a.m.

How to Train Your Centennial

Heather Romano, MHRM, SPHR, SHRM-CP

Audience: V, T, MO // Level: 3

Centennials, also known as Generation Z, were born in the mid '90s through the early 2010s. In this session, attendees will learn:

- Why Centennials are so different from Millennials
- Changes hospitals will have to make to engage them
- Centennial learning styles and how to adapt your practice's training program
- How to increase training retention
- The most important aspect of training Centennials

483-484 10:30 – 11:30 a.m.; 1:30 – 2:30 p.m.

Managing Passive-Aggressive Personalities

Heather Romano, MHRM, SPHR, SHRM-CP

Audience: V, T, MO // Level: 2, 3

In this two-part session, attendees will learn:

- How passive-aggressive personalities affect training and practice operations
- Different types of passive-aggressive personalities
- Why passive-aggressive behavior occurs
- Addressing these individuals based on their behaviors
- How to prevent passive-aggressive behavior

485 2:45 – 3:45 p.m.

Falling in Love with Feedback

Heather Romano, MHRM, SPHR, SHRM-CP

Audience: V, T, MO // Level: 3

In this session, attendees will learn:

- The value of feedback to different generations
- How feedback affects training and retention
- How to do away with traditional performance evaluations to increase employee development

486 4 – 5 p.m.

Training When There's No Time

Heather Romano, MHRM, SPHR, SHRM-CP

Audience: V, T, MO // Level: 3

In this session, attendees will learn:

- The critical role that training plays in employee engagement and retention
- How training affects your "employer brand"
- Tips and tricks for implementing training even during the busiest times

TECHNICIAN I

487 8 – 9 a.m.

Blood Transfusions: A Technician's Guide

Jordan A. Porter, RVT, VTS (SAIM)

Audience: T // Level: 2

This session will discuss available blood products, their uses, and handling techniques. Patient handling and possible reactions will also be covered.

488 9:15 – 10:15 a.m.

Addison's: Hypo Adrenals and the Great Pretender

Jordan A. Porter, RVT, VTS (SAIM)

Audience: T // Level: 2

In this session, attendees will:

- Learn about cortisol production feedback loops
- Discuss patient presentation and how to obtain an accurate patient history
- Understand treatment options for these patients
- Hear communication best practices for long-term care

489 10:30 – 11:30 a.m.

Coagulation: Balancing Hemostasis

Jordan A. Porter, RVT, VTS (SAIM)

Audience: T // Level: 2

In this session, attendees will:

- Understand the process of coagulation
- Discuss diseases affected by malfunctioning coagulation
- Learn how coagulation disorders may present in the veterinary setting

490 1:30 – 2:30 p.m.

Gallbladder Disease: Mucocele, Cholecystitis, Oh My!

Jordan A. Porter, RVT, VTS (SAIM)

Audience: T // Level: 2

This session will introduce attendees to:

- The basic anatomy and physiology of the liver and gallbladder
- Possible risks and complications of cholecystitis or gallbladder mucoceles
- Treatment options for these patients

SESSION DESCRIPTIONS // Saturday, Feb. 19

491 2:45 – 3:45 p.m.

Hepatitis: Jaundiced and Inflamed

Jordan A. Porter, RVT, VTS (SAIM)

Audience: T // Level: 2

This session will:

- Explain several causes for severe hepatic inflammation
- Describe client communication and adequate history taking to best investigate possible causes
- Discuss thorough diagnostic testing that may be involved

492 4 – 5 p.m.

Pain Recognition: Advocating for Patients

Jordan A. Porter, RVT, VTS (SAIM)

Audience: T // Level: 2

In this session, attendees will learn:

- How to recognize behavioral and physiological signs
- Ways to communicate with veterinarians and advocate for hospitalized patients
- Strategies to educate clients on how to recognize pain and care for their pets

TECHNICIAN II

493 8 – 9 a.m.

Why is This Dog Crying? Managing Canine Corneal Ulcers

Pamela Kirby, RVT, VTS (Ophthalmology)

Audience: T, SS // Level: 1, 2, 3

This session will review:

- Corneal anatomy and physiology
- Basic classifications of corneal ulcers
- What owners need to know about caring for dogs with ulcers
- Monitoring and rechecking patients with corneal ulcers

494 9:15 – 10:15 a.m.

Equine Cataract Surgery: Which Horses and Owners are Ideal Candidates

Pamela Kirby, RVT, VTS (Ophthalmology)

Audience: T // Level: 1, 2

Equine cataract surgery is intense. This session will:

- Discuss which horses are good candidates and which aren't
- Explain potential complications
- Describe ideal outcomes

495 10:30 – 11:30 a.m.

A Breath of Fresh Air: High-Flow Oxygen Delivery

Leslie Wereszczak, LVMT, VTS (ECC)

Audience: V, T // Level: 2

This lecture will discuss the technology of high-flow oxygen delivery systems as an alternative to mechanical ventilation. Topics to be covered include:

- Indications for therapy
- Selection of patients who may benefit from high flow

- Machine setup and troubleshooting
- Nursing considerations for patients on high-flow oxygen

496 1:30 – 2:30 p.m.

Nursing Assessment of the Critically Ill Patient

Leslie Wereszczak, LVMT, VTS (ECC)

Audience: T // Level: 2

The critical care technician is involved in continuous cage-side care of the critically ill patient, where prevention of sepsis is essential. This lecture will cover:

- Reducing sepsis through infection control
- Identifying patients at risk for developing sepsis
- Recognizing clinical signs of sepsis

497 2:45 – 3:45 p.m.

No Small Problem: Neonatal Emergencies

Leslie Wereszczak, LVMT, VTS (ECC)

Audience: T, HS // Level: 1

Neonatal emergencies create unique challenges for the veterinary nursing team. This session will explore:

- Unique needs of these fragile patients to improve resuscitation attempts
- Differences in neonate and adult physiology
- Equipment needs and readiness
- Proper handling techniques

498 4 – 5 p.m.

Central Venous Catheters: Placement, Care, and Complications

Leslie Wereszczak, LVMT, VTS (ECC)

Audience: T // Level: 2

When peripheral access is not sufficient, a central line can be a literal lifeline. This session will explain:

- How to choose the appropriate central line
- Placement techniques
- Care and complications

SPECIAL PROGRAMS

E 8 – 11:30 a.m.

Oral Surgical Extractions in the Dog

Barden A. Greenfield, DVM, DAVDC

Audience: V // Level: 1, 2 // CE: 3.5 hours // Capacity: 20 //

Prerequisites: None. // Fee: \$495

This interactive lab will address the types of releasing flaps; demonstrate how to properly remove buccal bone, section a tooth, and release the periosteum to ensure a tension-free closure; discuss elevation vs luxation; and demonstrate surgical extraction of the maxillary canine tooth, maxillary fourth premolar tooth, and others as time allows. Attention to detail will also be covered.

The Ohio Veterinary Medical Association is pleased to provide a comprehensive educational program at the Midwest Veterinary Conference. However, please be aware that OVMA does not endorse and cannot be responsible for speakers' content.

F 1:30 – 5 p.m.

Oral Surgical Extractions and Crown Amputations in the Cat

Barden A. Greenfield, DVM, DAVDC

Audience: V // Level: 1, 2 // CE: 3.5 hours // Capacity: 20 //

Prerequisites: None. // Fee: \$495

This interactive lab will address the types of releasing flaps; describe indications of crown amputation versus surgical extraction; demonstrate how to perform a crown amputation, section feline premolars, elevate and luxate; discuss proper removal of buccal bone; and explain tension-free closures. Participants will be able to perform multiple oral surgical extractions of a variety of teeth.

G 9:30 – 11:30 a.m.

High-Quality, High-Volume Spay/Neuter Techniques

Sara White, DVM, M.Sc.

Audience: V // Level: 1, 2 // CE: 2 hours // Capacity: 20 //

Prerequisites: Session 274. // Fee: \$110

This dry lab will focus on ligation techniques to help make high-quality, high-volume spay/neuter procedures safe and efficient. Participants will practice techniques for feline castration, feline ovarian pedicle autoligation, and placement of the modified miller's knot.

H1 12:15 – 2:45 p.m.

H2 2:15 – 3:45 p.m.

Small Ruminant Male Breeding Soundness Exam

Matthew R. Cochran, DVM

Audience: V // Level: 1 // CE: 2 hours // Capacity: 20 //

Prerequisites: Session 278. // Fee: \$100

This lab will provide participants with hands-on experience in a reproductive examination of the male small ruminant. This will include palpation of the testes; measurement of the testes; and examination of the ultrasound of the testes, epididymis, and spermatic cord. Some participants will be able to help collect the male by electroejaculation. Following the collection, each participant will be able to perform a semen analysis. This will include examining the gross and individual motility along with preparing and reading a morphology slide.

I 1:30 – 3 p.m.

Blending Essential Oils

Carol Falck, VMD

Audience: V // Level: 1, 2 // CE: 1.5 hours // Capacity: 50 //

Prerequisites: Sessions 421–423 recommended. // Fee: \$60

This lab will review essential oil safe-use guidelines. Participants will learn how to blend essential oils and create a hydrosol blend to take home.

2022 MVC SPEAKERS //

Angel Abuelo DVM, Ph.D., MVetED, DABVP, DECBHM
Michigan State University, East Lansing, Mich.
Track: Food Animal

Phil Arkow
National Link Coalition, Etowah, N.C.
Tracks: Animal Abuse, Shelter Animal

Patricia Baley DVM, Ph.D., cVA, cVCH
TCVMforAnimals, Hockley, Texas
Track: Holistic & Integrative Medicine

Joseph Bartges DVM, Ph.D., DACVIM-SAIM, DACVN
University of Georgia, Athens, Ga.
Track: Pet Animal

Brian Beasley DVM, CJF, DipWCF, DACVSMR
University of Georgia, Athens, Ga.
Track: Equine

Elizabeth Ann Berliner DVM, DABVP (Shelter
Medicine Practice, Canine and Feline Practice)
Cornell University, Ithaca, N.Y.
Track: Shelter Animal

David S. Biller DVM, DACVR
Kansas State University, Manhattan, Kan.
Track: Pet Animal

Mahmoud Boutaam
Sprout Digital Ltd, New Bremen, Ohio
Track: Practice Management

Andrew S. Bowman M.S., DVM, Ph.D., DACVPM
The Ohio State University, Columbus, Ohio
Track: Public Health

Jen C. Brandt MSW, LISW-S, Ph.D.
American Veterinary Medical Association, Schaumburg, Ill.
Track: Wellness

Christopher Byers DVM, DACVECC, DACVIM (SAIM), CVJ
CriticalCareDVM.com, Omaha, Neb.
Track: Pet Animal
Affiliation: VetCT, drip.vet

Courtney Campbell DVM, DACVS-SA
Track: Practice Management

Nicole Clausen CSSGB, CCFP
Veterinary Care Logistics LLC, Bozeman, Mont.
Track: Practice Management

Matthew R. Cochran DVM
The Ohio State University, Columbus, Ohio
Track: Special Programs

Marco Coutinho da Silva DVM, Ph.D., DACT
The Ohio State University, Columbus, Ohio
Track: Equine

Sue Ettinger DVM, DACVIM (Oncology)
Dr Sue Cancer Vet PLLC, Irvington, N.Y.
Track: Pet Animal

Carol Falck VMD
Petwise, Cleveland, Ga.
Tracks: Holistic & Integrative Medicine, Special Programs

Tracy S. Farone DVM
Grove City College, Grove City, Pa.
Track: Food Animal

Ed W. Fegan
Veterinary Business Professors LLC, Columbia Station, Ohio
Track: Practice Management

Karen E. Felsted CPA, M.S., DVM, CVPM, CVA
PantheraT Veterinary Management Consulting, Inc.,
Richardson, Texas
Track: Practice Management

Elizabeth S.M. Feltes DVM, DACVB
The Behavior Clinic, Olmsted Falls, Ohio
Track: Animal Behavior

Marnin Forman DVM, DACVIM
Cornell University Veterinary Specialists, Stamford, Conn.
Track: Pet Animal

Richard French DVM, Ph.D., M.S.
Ohio Department of Agriculture, Reynoldsburg, Ohio
Track: Public Health

Susan G. Friedman Ph.D.
Behavior Works, LLC, Millville, Utah
Track: Animal Behavior

Alvaro Garcia Guerra DVM, M.Sc., Ph.D., DACT
The Ohio State University, Columbus, Ohio
Track: Small Ruminants

Anna C. Garrett MPH
Columbus, Ohio
Track: Public Health

Rachael Gately DVM
Tufts Veterinary Field Service, Woodstock, Conn.
Track: Small Ruminants

Dunbar Gram DVM, DACVD, MRCVS
University of Florida, Gainesville, Florida
Track: Pet Animal

Barden A. Greenfield DVM, DAVDC
Memphis Veterinary Specialists, Memphis, Tenn.
Tracks: Pet Animal, Special Programs

Amy Habing DVM, DACVR
The Ohio State University, Columbus, Ohio
Track: Special Programs

Meghan E. Herron DVM, DACVB
Gigi's, Columbus, Ohio
Track: Recent Graduates
Affiliation: The Ohio State University

James Howard DVM, M.S., DACVS-SA
The Ohio State University, Columbus, Ohio
Tracks: Pet Animal, Special Programs

Aminata Kalley DVM
The Ohio State University, Columbus, Ohio
Track: Public Health

Pamela Kirby RVT, VTS (Ophthalmology)
Purdue University Veterinary Hospital, West Lafayette, Ind.
Track: Technician

Katrina Lafferty RLAT, CVT, VTS (Anesthesia/Analgesia)
University of Wisconsin, Madison, Wis.
Track: Technician

Erin Lashnits M.S., DVM, Ph.D., DACVIM (SAIM)
University of Wisconsin, Madison, Wis.
Tracks: Public Health, Shelter Animal

Shana A. Lemmenes CVT, VTS (EVN)
University of Minnesota, St Paul, Minn.
Track: Technician
Affiliation: AEVNT

Juan C. Leon DVM, M.S.
Ohio Department of Agriculture, Reynoldsburg, Ohio
Track: Public Health

Joseph W. Lozier DVM, M.S., DACVS-LA
The Ohio State University, Columbus, Ohio
Track: Food Animal

Megan McCracken DVM, M.S., DACVS-LA
University of Missouri, Columbia, Mo.
Track: Equine

Timothy McDermott DVM
The Ohio State University, Columbus, Ohio
Track: Food Animal

Cameron J. McNamee MPP
Ohio Board of Pharmacy, Columbus, Ohio
Track: Practice Management

Aaron K. Messer DVM, R.S., REHS, MPH
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Anne Metzler DVM, M.S., DACVO
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Track: Pet Animal

Eric J. Miller DVM, M.S., DACVO
The Ohio State University, Columbus, Ohio
Track: Pet Animal

Laurie Millward DVM, M.S., DACVP
ASPCA, Columbus, Ohio
Track: Food Animal

Matt Morbitt
MedVet, Hilliard, Ohio
Track: Staff Development

Kevin John Neves Ph.D.
Bowling Green State University, Bowling Green, Ohio
Track: Aquaculture

Georgina Newbold DVM, DACVO
The Ohio State University, Columbus, Ohio
Track: Pet Animal

Andrew J. Niehaus DVM, M.S., DACVS-LA
The Ohio State University, Columbus, Ohio
Tracks: Food Animal, Small Ruminants

Bill Ormston DVM, CAC, DVETHOM
Animal Chiropractic Education Source, Meridian, Texas
Track: Holistic & Integrative Medicine

Valerie J. Parker DVM, DACVIM (SAIM), DACVN
The Ohio State University, Columbus, Ohio
Track: Special Programs

Jess Pempek Ph.D.
The Ohio State University, Columbus, Ohio
Track: Food Animal

Makenzie Peterson M.Sc.
American Association Veterinary Medical Colleges,
Washington, D.C.
Track: Wellness

Jordan Porter RVT, LVT, VTS (SAIM)
Track: Technician

Jessica M. Quimby DVM, Ph.D., DACVIM
The Ohio State University, Columbus, Ohio
Track: Pet Animal

*Affiliations: Purina, Kindred Bio, Dechra, Zoetis, Hills Pet Nutrition,
Royal Canin, Elanco, Boehringer Ingelheim, and Vetoquinol*

Roger Redman DVM
American Association of Veterinary State Boards, Kansas
City, Mo.
Track: Practice Management
Affiliation: Encore Vet Group

Kimberly A. Riker-Brown DVM
Shoreland Animal Hospital, Toledo, Ohio
Tracks: Practice Management, Public Health
Affiliation: American Association of Veterinary State Boards

**Sheilah Ann Robertson BVMS (Hons), Ph.D.,
DACVAA, DECVA, DACAW, DECAWBM (WSEL), CVA**
Lap of Love Veterinary Hospice, Lutz, Fla.
Track: Pet Animal

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iVet360, Portland, Ore.
Track: Staff Development

Adam J. Rudinsky DVM, M.S., DACVIM
The Ohio State University, Columbus, Ohio
Track: Special Programs

Erin E. Runcan DVM, DACT
The Ohio State University, Columbus, Ohio
Track: Food Animal, Small Ruminants

**Domenico Santoro DVM, M.S., Dr.Sc., Ph.D., DACVD,
DECVD, DACVM**
University of Florida, Gainesville, Fla.
Track: Pet Animal

Amber Singh DVM, MPH
Ohio Department of Health, Columbus, Ohio
Track: Public Health

Carlo Siracusa DVM, Ph.D., DACVB
University of Pennsylvania, Philadelphia, Pa.
Track: Animal Behavior

Susan M. Skorupski M.S., DVM
USDA, APHIS, Veterinary Services, Pickerington, Ohio
Track: Public Health

Amanda Smith Ph.D., MPH
The Ohio State University, Columbus, Ohio
Tracks: Public Health, Technician

Maura Stevenson Ph.D.
MedVet, Worthington, Ohio
Track: Staff Development

Dennis Summers DVM, DACVPM
Ohio Department of Agriculture, Reynoldsburg, Ohio
Tracks: Food Animal, Practice Management, Public Health,
Shelter Animal

Jane Sykes BVSc (Hons), Ph.D., MBA, DACVIM
University of California, Davis, Davis, Calif.
Tracks: Public Health, Shelter Animal

Lauren Thielen DVM, DABVP (Avian Practice)
Texas Avian & Exotic Hospital, Grapevine, Texas
Track: Pet Animal

Stephanie Valberg DVM, Ph.D., DACVIM, DACVSMR
Michigan State University, East Lansing, Mich.
Track: Equine

Alina M. Vale DVM, M.S.
California Horse Racing Board, San Diego, Calif.
Tracks: Animal Abuse, Shelter Animal

Grace VanHoy DVM, M.S., DACVIM-LA
The Ohio State University, Columbus, Ohio
Tracks: Small Ruminants, Technician

Pamela G. Walker DVM, M.S., DACVIM (LAIM)
Camelid Care Veterinary Services, Grove City, Ohio
Track: Small Ruminants

Abby Welsh MPH-VPH
The Ohio State University, Columbus, Ohio
Track: Public Health

Leslie Wereszczak LVMT, VTS(ECC)
University of Tennessee, Knoxville, Tenn.
Track: Technician

Sara White DVM, M.Sc.
Spay ASAP Inc. and ergovet, Hartland, Vt.
Tracks: Shelter Animal, Special Programs

Megan E. Williams GBA, CCFP
MedVet, London, Ohio
Track: Staff Development

Jenessa Winston DVM, Ph.D., DACVIM
The Ohio State University, Columbus, Ohio
Tracks: Shelter Animal, Special Programs

Page Yaxley DVM, DACVECC
The Ohio State University, Columbus, Ohio
Track: Special Programs

Julie M. Young J.D.
JMY Law, LLC, Worthington, Ohio
Track: Practice Management

MVC EDUCATION COMMITTEES //

Education Committee Chair: Dr. Barbara Musolf

Animal Abuse and Shelter Animal

Dr. Laura Advent	Ms. Megan Newkirk
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Dr. Ray Hephner	Dr. Jonathan Yardley
Dr. Paul Masters	

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Dr. Amanda Berrian	Dr. Saba Osloobi
Dr. Julie Bilchak	Dr. Kristy Shaw
Dr. Kathryn Campitelli	Dr. Amber Singh
Ms. Kristen DuVal	Dr. Kathy Smith
Dr. John Gibbins	Dr. Jason Stull
Dr. Jeff Hayes*	Dr. Nicholas Wagner
Dr. Roger Krogwold	

Technician

Dr. Angela Beal*	Dr. Georgina Newbold
Ms. Courtney Beiter*	Ms. Vicki Riley

Wellness

Ms. Annie Abraham	Dr. Amber Kostelansky
Ms. Erica Blanford	Ms. Allegra Mooney Waldron
Ms. Jen Brandt	Dr. Jessica Pizzuli
Dr. Kenneth Brunson	Dr. Eric Schroeder
Dr. Carol Gifford	Dr. Colleen Shockling
Dr. Michelle Harcha	Dr. Jennifer Steelesmith
Dr. Karen Heinzerling	Dr. Natalie Theus
Dr. Kathryn Hogan	Dr. Jonathan Yardley
Dr. Ryan Jennings	
Dr. Tim Kolb*	

**Subcommittee chair*

ATTENDEE INFORMATION // FAQs & Hotels

GENERAL DETAILS

What is the dress code?

- Attire for the MVC is business casual. You may wish to dress in layers, as meeting room temperatures vary.

Can I bring my pets?

- Health codes prohibit pets on site. In keeping with the law, only service animals are permitted.

I require special assistance under the Americans With Disabilities Act. How do I make this request?

- Simply list your needs in the "ADA Accommodations" field of the paper or online registration form.
- Requests should be made no later than Jan. 17, 2022.

CONTINUING EDUCATION

How much CE can I earn at the MVC?

- Attendees can earn up to 7.5 hours on Thursday and 6 hours on both Friday and Saturday, for a maximum of 19.5 hours for the full in-person conference.
- The amount you may earn by participating in the Virtual MVC varies by state. In Ohio, veterinarians may earn all 30 of their hours online for their 2022 license renewal (*this is a temporary exception to OVMLB rules*).
- Please check with your licensing board to determine how many hours of online CE you can use toward license renewal and whether presentations need to be viewed live rather than pre-recorded.

Are the MVC's sessions approved for continuing education credit? How do I obtain verification?

- All sessions and labs are approved for CE credit by the Ohio Veterinary Medical Licensing Board, and almost all other states recognize this approval.
- Additional organization approvals will be posted on the MVC website at www.mvcinfo.org/education.
- Certificates will be available in the On-Site Program and online by logging in to your registration profile.
- If your state requires verification by the hosting organization (check with your state's licensing board; Ohio does not), present your certificate to an OVMA staff member on site or via email for signature.

COVID PROTOCOLS

- For those who are able to attend in person, both the MVC and our facility hosts will continue to provide various enhanced cleaning and health safeguards.
- The MVC will follow state and local requirements for its attendees and will advise those attending in-person of any such requirements.
- We encourage on-site attendees to be vaccinated and, where warranted, use face masks as conditions merit.
- In the event state or local health orders prevent the live MVC from occurring, pre-registered attendees will receive a full refund.

EXHIBIT HALL

Can I bring an unregistered guest with me?

- Yes. You may purchase one-day Exhibit Hall-only passes on site for \$25 each.
- Children are free but must still obtain a pass for entry.

Can exhibitors obtain my personal information?

- The QR code on your badge contains your full name, individual type (veterinarian, technician, etc.), company, mailing address, email, and phone number.
- Exhibitors may obtain this information (if you provide it during registration) if you allow them to scan your badge in the Exhibit Hall.
- If you do not wish to share your information, simply decline to have your badge scanned.
- OVMA does not make your email address available to any third parties outside of this context.

VIRTUAL & HYBRID MVC

When does the Virtual MVC begin? How long will I have access to the content?

- The virtual portion of the conference will take place after the live MVC ends, from Feb. 23 to May 24, 2022.
- Attendees who have registered for the Virtual or Hybrid MVC will have 90 days of unlimited access to session recordings, speaker documents, Virtual Exhibit Hall, and the Virtual Mind & Body sessions.

Will all the sessions be available online?

- Approximately a third of the presentations will be recorded and posted on the Virtual Platform.
- For a list of sessions that will be available, please see the CE Schedule on pages 9-19.

Does the Virtual Platform track my activity?

- The platform does not log the sessions you view or for how long you watch them, so if you need a record for license renewal, you will need to keep track manually.
- Exhibitors in the Virtual Exhibit Hall may be able to obtain your name and contact information when you visit their booth.

Can I share my registration with a colleague?

- No, multiple individuals may not share a single registration.
- Your access information is unique to you and can only be used to log in on one device at a time.
- Furthermore, only paid registrants can claim CE verification for license renewal purposes; OVMA will NOT verify CE for anyone who is not registered.

VOLUNTEER OPPORTUNITIES

- The MVC needs attendees to serve as moderators for select sessions.
- Any MVC attendee may volunteer as a session moderator on the day(s) they are registered to attend.
- Moderators introduce speakers, ensure the session runs smoothly, and assist in the event of technical difficulties by locating the appropriate staff person.
- For more information and a list of speakers who have requested a moderator for their sessions, please visit www.mvcinfo.org/volunteer.

For More Information

www.mvcinfo.org/FAQs or
info@mvcinfo.org

HOTEL BLOCKS

Property	Address	Nightly Rate ¹	Phone ²	Code	Close Date ³
Hyatt Regency <i>Headquarters</i>	350 N. High St. Columbus, Ohio 43215	Single: \$185 Double: \$195 Triple: \$205 Quad: \$215	888-421-1442	G-89LX	1/25/22
Hilton <i>Connected to GCCC</i>	401 N. High St. Columbus Ohio 43215	Single: \$184 Double: \$184	855-380-9591	OVMA22	1/17/22
Drury Inn & Suites <i>Connected to GCCC</i>	88 E. Nationwide Blvd. Columbus, Ohio 43215	Single: \$150-\$170 Double: \$150-\$170 Single Suite: \$170-\$190 Double Suite: \$170-\$190	800-325-0720	2437640	1/25/22
Hampton Inn <i>Across from GCCC</i>	501 N. High St. Columbus Ohio 43215	Single: \$159 Double: \$159	614-559-2000	MVC	1/26/22

1. Rates do not include current tax of 17.5%. // 2. Or book online at www.mvcinfo.org/travel. // 3. Or until sold out. See website for overflow hotels.



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Midwest Veterinary Conference
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Powell, Ohio 43065

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