



# ABVP SYMPOSIUM

**2 0 1 9**

**PROGRAM GUIDE**

**October 10-13 | Hilton Denver City Center, Colorado**

# DENVER



1701 California Street Denver, CO 80202

**[abvp.com/symposium](http://abvp.com/symposium)**



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## ON-SITE SYMPOSIUM CONTACTS

**NEED ABVP ASSISTANCE?  
VISIT THE ABVP REGISTRATION  
DESK OR [ABVP@NAVCCOM](mailto:ABVP@NAVCCOM)**

**HILTON DENVER CITY CENTER  
+1.303.297.1300**

If you need assistance with wheelchair accessible transportation, please visit the ABVP Registration Desk located on Lower Level 2 of the Hilton Denver City Center. All meeting rooms are wheelchair accessible in compliance with the Americans with Disabilities Act.





## MESSAGE FROM THE ABVP PRESIDENT

### Welcome to my hometown of Denver, Colorado!

Remember, you are now literally 'a mile high' in altitude. Our dry environment and your increased resting respiratory rate due to the relative low oxygen levels will result in dehydration very quickly. Early signs are a pounding headache and nausea. Simply drinking a ton of water will go a long way in preventing altitude sickness. I want you to enjoy your time here learning and networking so tip that water bottle back!

I am hoping mother nature cooperates and shows us just how beautiful our fall days can be. Please take a minute during your stay to get outside and enjoy our beautiful downtown. 16th Street has plentiful shopping and an abundance of eateries to choose from.

This year for the first time in many, many years, we are blessed to have a speaker for our dinner. Temple Grandin, PhD will be sharing her story of unlocking the mystery of animal behavior. While the parallel of Dr. Grandin's journey with that of ABVP's journey isn't at first obvious, I do believe we as an organization have much we can learn from her and how she has accomplished all she has.

Please join me Saturday, for an evening celebrating our newest Diplomates, congratulating our MOCer's and hearing the incredibly inspiring story of one woman who has changed the lives of millions of animals - Dr. Temple Grandin.

I can't wait to see you all!

*Tracey Jensen, DVM, DABVP*

**TRACEY JENSEN, DVM, DABVP (CANINE & FELINE PRACTICE)  
PRESIDENT, ABVP**







## MESSAGE FROM THE ABVP CONTINUING EDUCATION CHAIR

Welcome to the 24th Annual ABVP Symposium! We are thrilled to have you join us for this cutting-edge educational opportunity. Our goal is to provide a unique experience that will exceed your expectations. Not only do we strive to provide the most progressive and forward-thinking continuing education (CE), but we also provide opportunities for networking with colleagues at our daily lunches, opportunities to learn about our certification process, updates on maintaining your certification, current issues and opportunities with our Specialty Board, and the chance

to celebrate those who have recently achieved board status at our annual Awards Dinner. Another caveat to our unique ABVP Symposium is the strength found in our diversity. Where else can you sit with a Swine Specialist, Shelter Medicine Specialist, Avian Specialist, Feline Specialist and board certified technician and learn about the timely topic of CBD and the legal implications in our profession? We truly provide an experience that is a cross section of our profession representing practitioners, academicians, industry leaders and governmental bodies.

Our program this year is no exception. We are again offering some of our most popular hands-on workshops including the AFAST/TFAST/Global FAST Ultrasound Workshop and the Locoregional Nerve Block Workshop. This year we are excited to include a new Cytology Workshop. Not to mention, the species tracks are second to none in our profession.

As we attempt to attract timely topics, this year's Cross Species lecture series is no exception. We will hear from Stephanie McGrath on CBD Research and from DEA agent Jack Teitelman, on the topic of the DEA's Perspective on Cannabis and CBD in Veterinary Medicine.

We are also pleased and honored to announce our Annual Awards Dinner speaker, Temple Grandin, PhD. Not only will we have the opportunity to honor our newest Diplomates and those who have maintained certification, but we will also be inspired to "Move Mountains in Veterinary Medicine" through Dr. Grandin's fantastic message.

Finally, don't forget to visit our exhibit hall and say thank you to our supportive sponsors and exhibitors. Without our industry partners, ABVP would not be able to provide the excellent program we offer. We have fantastic exhibitors and sponsors that offer outstanding products and equipment allowing us to practice our craft with excellence.

We are also glad to partner with the ABVP Foundation as they offer scholarships to students who attend our Symposium. Make a point to find these students and welcome them to our conference!

We are glad you are in Denver with us! Your feedback is also very important. Please let us know if we can enhance your experience in any way. Our management staff is available throughout the weekend to answer questions and provide help.

Happy learning!

**CARONDELET NOLLNER, DVM, DABVP (CANINE & FELINE PRACTICE)  
CONTINUING EDUCATION CHAIR, ABVP**



## REGISTRATION DESK HOURS

**WEDNESDAY, OCTOBER 9 • 2:00 - 5:00 PM**

**THURSDAY, OCTOBER 10 • 11:00 AM - 5:00 PM**

**FRIDAY, OCTOBER 11 • 6:30 AM - 5:00 PM**

**SATURDAY, OCTOBER 12 • 7:30 AM - 5:00 PM**

**SUNDAY, OCTOBER 13 • 7:30 AM - 12:00 PM**

### CANCELLATIONS

Cancellations and refunds are no longer permitted. If you would like to sell your Annual Awards Reception and Dinner ticket, you can do so by posting a notice on the ABVP bulletin board by the registration desk.

### EXHIBIT HALL BREAKS

#### Friday, October 11

9:50 - 10:20 AM

1:00 - 1:30 PM

3:20 - 4:00 PM

5:00 - 6:00 PM

#### Saturday, October 12

9:50 - 10:20 AM

1:00 - 1:30 PM

3:20 - 4:00 PM

### LOCATION OF LECTURES

Please note all lectures, hands-on workshops, luncheons, and social sessions are at the Hilton Denver City Center unless otherwise noted.

### NAME BADGES

Name badges are required for participation in all sessions, luncheons, and the exhibit hall.

### PROCEEDING NOTES

The Veterinary Information Network (VIN) has proceedings available at their cyber cafe. Paper copies are not available for sell in an effort to make the ABVP Symposium a greener meeting.

### CONTINUING EDUCATION CERTIFICATES

CE certificates will be sent via email to the address used to register for the Symposium. Please check your inbox or email [abvp@navc.com](mailto:abvp@navc.com) for a replacement, if needed.

### CONTINUING EDUCATION CREDITS

This program 755-37658 is approved by the AAVSB RACE to offer a total of **25.00** CE credits (155.25 max) being available to any one veterinarian; and or **25.00** Veterinary Technician CE credits (169.25 max). This RACE approval is for the subject matter categories of:

Category One: Medical Program using the delivery method of Seminar/Lecture, Lab/Wet Lab.

This approval is valid in jurisdictions which recognize AAVSB RACE; however, participants are responsible for ascertaining each board's CE requirements. RACE does not "accredit" or "endorse" or "certify" any program or person nor does RACE approval validate the content of the program.

ABVP is also an approved provider of continuing education in the State of New York for veterinarians and Veterinary Technicians/nurses.

### ALLERGIES AND DIETARY REQUIREMENTS

We have made every effort possible to meet all allergy and dietary requirements. Please be advised that it is your responsibility to indicate your allergy or dietary requirement to your server. If you cannot find a member of the hotel wait staff, please see an ABVP staff member for assistance.



Approved as a New York State  
sponsor of continuing education  
for veterinarians and  
veterinary technicians





# Featured Events

Events are listed in the order they will occur.

## CROSS SPECIES LECTURE SERIES

### **CBD Research, Part 1**

*Thursday, October 10, 1:00 – 1:50 PM, Colorado Ballrooms A-D*

*Stephanie McGrath*

### **CBD Research, Part 2**

*Thursday, October 10, 2:00 – 2:50 PM, Colorado Ballrooms A-D*

*Stephanie McGrath*

### **Controlled Substances: DEA Compliance**

*Thursday, October 10, 3:00 – 3:50 PM, Colorado Ballrooms A-D*

*Jack Teitelman*

### **DEA's Perspective on Cannabis & CBD in Veterinary Medicine**

*Thursday, October 10, 4:00 – 4:50 PM, Colorado Ballrooms A-D*

*Jack Teitelman*

## HANDS-ON WORKSHOPS

### **Cytology Hands-On Workshop**

*Thursday, October 10, 1:00 – 5:00 PM, Penrose Ballroom 2*

*Ravi Dhaliwal*

### **Locoregional Nerve Block Hands-On Workshop**

*Thursday, October 10, 1:00 – 5:00 PM, Penrose Ballroom 1*

*Mark Epstein, Caitlin Tearney*



### **AFAST/TFast VetBlue Hands-On Workshop**

*Sunday, October 13, 8:00 AM – 12:00 PM, Workshop will be held offsite.*

*Greg Lisciandro*



**Reminder: You must attend the entire FAST Ultrasound series on Friday, October 11 if you registered for this workshop. Meet in the hotel lobby for departure to the workshop at 7:30 AM.**

## COMMITTEE MEETINGS

*Thursday, October 10, 7:00 – 8:30 PM*

ABVP Outreach Committee, Colorado Ballroom D

ABVP Symposium Committee, Colorado Ballroom C

ABVP Foundation Board, Matchless

## SUNRISE SESSION

### **Food Animal Injections: The Good, the Bad & the Ugly**

*Friday, October 11, 7:00 – 7:50 AM, Mattie Silks*

*Jeff Sarchet*



### **Cannabis: An Innovative Look Into the Future**

*Friday, October 11, 7:00 – 7:50 AM, Colorado Ballrooms A-D*

*Stephen Cital*





## AAFP/ABVP SEMINAR

*Friday, October 11, 8:00 AM – 12:10 PM, Colorado Ballrooms G-J*

### **Introduction to Feline Ultrasound - Scanning the Feline Urinary Tract**

*Jennifer Babineaux*

### **Scanning the Feline Spleen, GI Tract, Lymph Nodes & Peritoneal Cavity**

*Jennifer Babineaux*

### **Scanning the Feline Liver, Gallbladder & Pancreas**

*Jennifer Babineaux*

### **Obtaining Ultrasound Guided Diagnostic Samples**

*Jennifer Babineaux*

## SHELTER TOUR

*Friday, October 11, 6:00 – 9:30 PM, Longmont Humane Society*

Limited attendance. No additional fee.

Meet in the hotel lobby for departure to the tour at 5:45 PM prompt.



## REGENTS' WELCOME RECEPTION

*Friday, October 11, 5:00 – 6:00 PM, Colorado Ballrooms E-F*

All attendees are welcome to attend this reception hosted by ABVP's Regents.



## ABVP MAINTENANCE OF CERTIFICATION WORKSHOP

*Friday, October 11, 6:00 – 8:00 PM, Renee Rucinsky, Penrose Ballroom 1*

Do you have questions about ABVP's maintenance of certification process? Attend this workshop to ask questions and learn suggestions for completing the process.

## ABVP CERTIFICATION WORKSHOP

*Friday, October 11, 6:00 – 8:00 PM, Stephen Pittenger, Penrose Ballroom 2*

Have you applied for ABVP certification or are you considering applying and have questions about your case report and credentials packet? Are you unsure if you've picked the right case to write about? Are you concerned your CE might not be acceptable? Do you need help with the online platform? This session is designed to help answer all those questions and more. Anyone interested in the certification process is encouraged to attend.

## AVTCP BOARD MEETING

*Friday, October 11, 6:00 – 8:00 PM, Homestead*

## ABVP ITEM WRITING WORKSHOP

*Friday, October 11, 8:00 – 9:30 PM, Michael Dutton, Penrose Ballroom 1*

Create exam items in a classroom setting for MOC credit. Bring your computer with the Exam Item Creator Word Template ([>> Forms and Documents](http://www.ABVP.com)) loaded and reference materials. You will be guided on how to use the macro and start writing exam items that can be submitted for MOC credit consideration. You will also learn how to submit items through the MOC portal. Exam Items can be submitted at any time through your 10-year certification.

## ABVP DIPLOMATE MEETING

*Saturday, October 12, 5:00 – 6:00 PM, Colorado Ballrooms A-D*

All ABVP Diplomates in attendance are encouraged to attend this annual business meeting. Council of Regents members will be present to address questions, listen to suggestions, and offer updates on the status of the organization.

## AVTCP Q&A SESSION

*Saturday, October 12, 5:00 – 6:00 PM, Homestead*

All technicians are invited to participate in this workshop. Learn about AVTCP certification and the application process.

## ANNUAL AWARDS RECEPTION AND DINNER

*Saturday, October 12, 6:00 – 9:30 PM, Denver Ballrooms 1-6*

Reservations are required in advance. No tickets will be sold onsite.



We look forward to welcoming all attendees to this annual dinner where we recognize newly certified and recertified Diplomates.



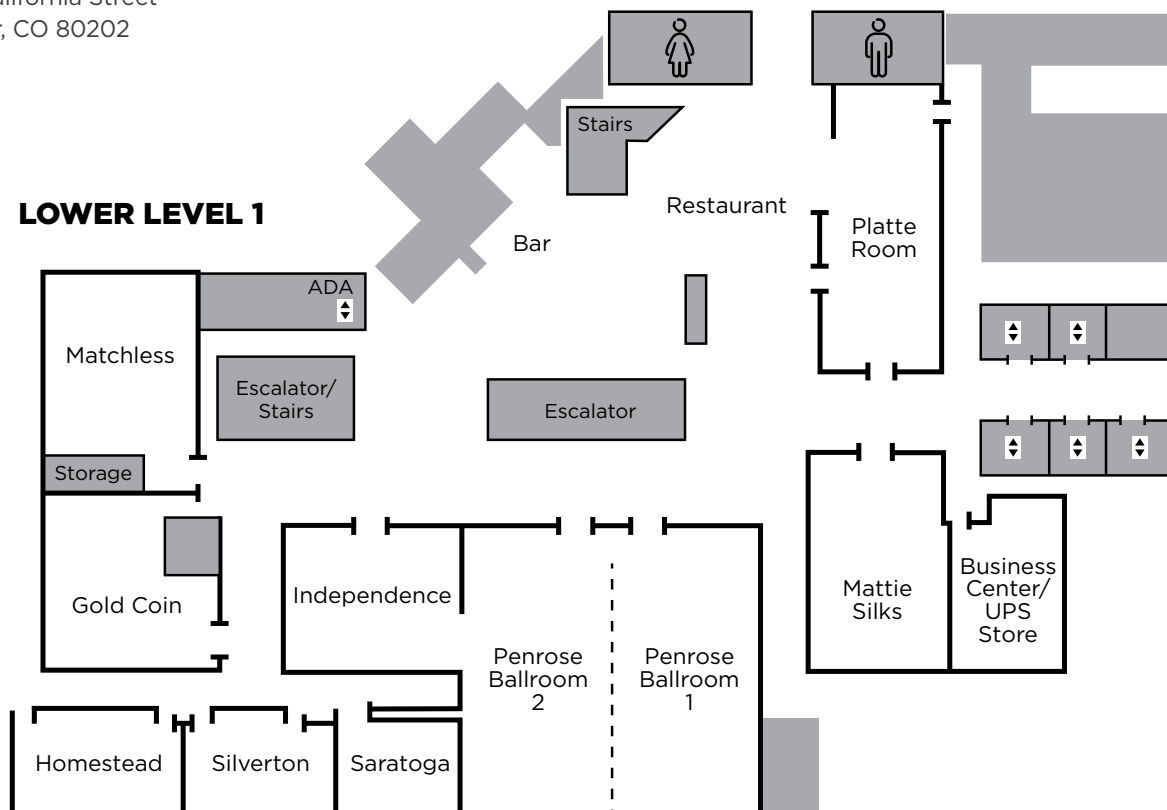
# Meeting Space

## HILTON DENVER CITY CENTER

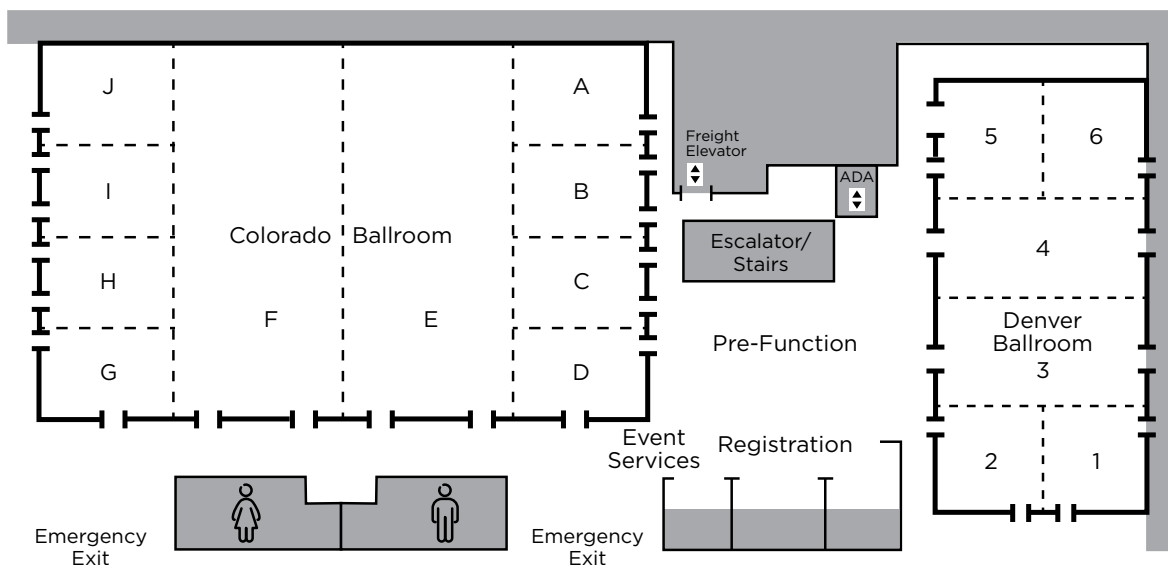
1701 California Street

Denver, CO 80202

### LOWER LEVEL 1



### LOWER LEVEL 2





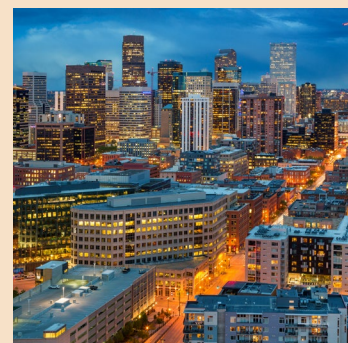
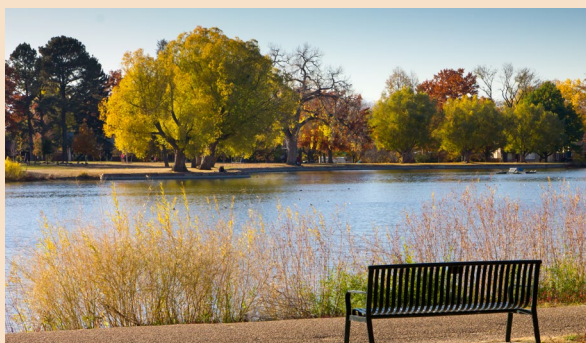
# Program Schedule

## WEDNESDAY, OCTOBER 9

8:00 AM - 12:00 PM	Penrose Ballrooms 1 & 2	<b>ABVP Exam</b>
2:00 - 6:00 PM	Penrose Ballrooms 1 & 2	<b>ABVP Exam (Continued)</b>
6:00 - 7:00 PM	Colorado Ballrooms I-J	<b>Reception for all Examinees</b>

## THURSDAY, OCTOBER 10

1:00 - 1:50 PM	Colorado Ballrooms A-D	<b>ABVP Cross Species Lecture Series: CBD Research, Part 1</b> <i>Stephanie McGrath</i>
2:00 - 2:50 PM	Colorado Ballrooms A-D	<b>ABVP Cross Species Lecture Series: CBD Research, Part 2</b> <i>Stephanie McGrath</i>
3:00 - 3:50 PM	Colorado Ballrooms A-D	<b>ABVP Cross Species Lecture Series: Controlled Substances: DEA Compliance</b> <i>Jack Teitelman</i>
4:00 - 4:50 PM	Colorado Ballrooms A-D	<b>ABVP Cross Species Lecture Series: DEA's Perspective on Cannabis &amp; CBD in Veterinary Medicine</b> <i>Jack Teitelman</i>
1:00 - 5:00 PM	Penrose Ballroom 2	<b>Cytology Hands-On Workshop</b> <i>Ravi Dhaliwal</i> Limited attendance. Additional fee.
1:00 - 5:00 PM	Penrose Ballroom 1	<b>Locoregional Nerve Block Hands-On Workshop</b> <i>Mark Epstein, Caitlin Tearney</i> Limited attendance. Additional fee.
7:00 - 8:30 PM	Colorado Ballroom D	<b>ABVP Outreach Committee Meeting</b>
7:00 - 8:30 PM	Colorado Ballroom C	<b>ABVP Symposium Committee Meeting</b>
7:00 - 8:30 PM	Matchless	<b>ABVP Foundation Board Meeting</b>





# Program Schedule

FRIDAY, OCTOBER 11

7:00 - 7:50 AM	<b>Sunrise Session: Food Animal Injections: The Good, the Bad &amp; the Ugly</b> <b>Mattie Silks Jeff Sarchet</b>				
7:00 - 7:50 AM	<b>Sunrise Session: Cannabis: An Innovative Look Into the Future</b> <b>Colorado Ballrooms A-D Stephen Cital</b>				
	<b>EXOTICS COMBINED TRACK</b>	<b>CANINE</b>	<b>FELINE</b>	<b>EQUINE</b>	
Location	Penrose Ballroom 1	Colorado Ballrooms A-D	Colorado Ballrooms G-J	Gold Coin	
8:00 - 8:50 AM	<b>Protein Electrophoresis of Exotic Species</b> <i>Carolyn Cray</i>	<b>Is One Test Enough to Diagnose Cancer? Diagnostic Approach to Malignancy</b> <i>Ravi Dhaliwal</i>	<b>AAFP/ABVP LECTURE SERIES: Introduction to Feline Ultrasound - Scanning the Feline Urinary Tract</b> <i>Jennifer Babineaux</i>	<b>Ophthalmic Examination of the Horse, Part 1</b> <i>Dennis Brooks</i>	
9:00 - 9:50 AM	<b>How, What &amp; Why of Acute Phase Protein Testing</b> <i>Carolyn Cray</i>	<b>Personalized Approach - Applying Molecular Techniques to Confirm Clinical Diagnosis</b> <i>Ravi Dhaliwal</i>	<b>AAFP/ABVP LECTURE SERIES: Scanning the Feline Spleen, GI Tract, Lymph Nodes &amp; Peritoneal Cavity</b> <i>Jennifer Babineaux</i>	<b>Ophthalmic Examination of the Horse, Part 2</b> <i>Dennis Brooks</i>	
<b>EXHIBIT HALL OPEN (30 MINUTES) COLORADO BALLROOMS E-F</b>					
10:20 - 11:10 AM	<b><i>E. Cuniculi</i> in Rabbits: What We Currently Know &amp; Think</b> <i>Carolyn Cray</i>	<b>Reviewing the Paper Diagnosis - Understanding Microscopic Findings in Neoplastic Disease</b> <i>Ravi Dhaliwal</i>	<b>AAFP/ABVP LECTURE SERIES: Scanning the Feline Liver, Gallbladder &amp; Pancreas</b> <i>Jennifer Babineaux</i>	<b>Corneal Healing &amp; Superficial Ulcers in the Horse, Part 1</b> <i>Dennis Brooks</i>	
11:20 AM - 12:10 PM	<b>Spurious Diagnoses in Avian Medicine</b> <i>Hugues Beaufrère</i>	<b>How Well is Your Patient? Clinical &amp; Molecular Staging of Neoplastic Disease</b> <i>Ravi Dhaliwal</i>	<b>AAFP/ABVP LECTURE SERIES: Obtaining Ultrasound Guided Diagnostic Samples</b> <i>Jennifer Babineaux</i>	<b>Corneal Healing &amp; Superficial Ulcers in the Horse, Part 2</b> <i>Dennis Brooks</i>	
<b>Networking Luncheon • 12:10 - 1:00 PM • Denver Ballrooms 1-6</b>					
<b>EXHIBIT HALL OPEN (30 MINUTES) COLORADO BALLROOMS E-F</b>					
	<b>EXOTICS COMBINED TRACK</b>	<b>CANINE</b>	<b>FELINE</b>	<b>EQUINE</b>	
1:30 - 2:20 PM	<b>The Art of Spurious &amp; False Diagnosis in ECM &amp; Reptiles</b> <i>Rob Coke, Tracey Ritzman</i>	<b>Road Map to Success - Review of Prognostic Factors in Neoplastic Disease</b> <i>Ravi Dhaliwal</i>	<b>Overcoming the Obesity Epidemic: Nutrient Sufficiency in the Face of Negative Energy Balance, Part 1</b> <i>Jackie Parr</i> 	<b>Corneal Healing in Deep &amp; Melting Ulcers in the Horse, Part 1</b> <i>Dennis Brooks</i>	
2:30 - 3:20 PM	<b>Round Table Discussion: Ethics of Exotic Pet Ownership - Time for Change?</b> <i>Heather Barron, Angela Lennox, Rob Coke</i>	<b>Healthy &amp; Loving Companionship - Preparing a Treatment Plan for Neoplasia</b> <i>Ravi Dhaliwal</i>	<b>Overcoming the Obesity Epidemic: Nutrient Sufficiency in the Face of Negative Energy Balance, Part 2</b> <i>Jackie Parr</i> 	<b>Corneal Healing in Deep &amp; Melting Ulcers in the Horse, Part 2</b> <i>Dennis Brooks</i>	
<b>EXHIBIT HALL OPEN (40 MINUTES) COLORADO BALLROOMS E-F</b>					
4:00 - 4:50 PM	<b>Round Table Discussion: Updates on Euthanasia in Exotics Pets</b> <i>Angela Lennox, Rob Coke</i>	<b>Lipomas, Liposarcoma &amp; Atypical Fatty Tumors</b> <i>Nicole Ehrhart</i>	<b>Key Nutritional Factors for Diabetics: The 3 Classes</b> <i>Jackie Parr</i> 	<b>Nonulcerative Keratopathies of the Horse, Part 1</b> <i>Dennis Brooks</i>	
<b>Regents' Welcome Reception • 5:00 - 6:00 PM • Colorado Ballrooms E-F (Exhibit Hall)</b>					
6:00 - 8:00 PM	<b>ABVP Maintenance of Certification Workshop • Penrose Ballroom 1</b> <i>Renee Rucinsky</i>				
6:00 - 8:00 PM	<b>ABVP Certification Workshop • Penrose Ballroom 2</b> <i>Stephen Pittenger</i>				
6:00 - 8:00 PM	<b>AVTCP Board Meeting • Homestead</b>				
6:00 - 9:30 PM	<b>Shelter Tour • Offsite at Longmont Humane Society</b> <i>Gail Rapport</i>				
8:00 - 9:30 PM	<b>ABVP Item Writing Workshop • Penrose Ballroom 1</b> <i>Michael Dutton</i>				



# Program Schedule

FRIDAY, OCTOBER 11

Sunrise Session: Food Animal Injections: The Good, the Bad & the Ugly Mattie Silks Jeff Sarchet			
Sunrise Session: Cannabis: An Innovative Look Into the Future Colorado Ballrooms A-D Stephen Cital			
FOOD ANIMAL	AVTCP	SHELTER	FAST ULTRASOUND SERIES
Mattie Silks	Homestead	Penrose Ballroom 2	Matchless
Genomics, Part 1: The Stuff You Should Remember Jason Osterstock 	AVTCP Exam	Infectious Disease Diagnostic Testing Elise Gingrich 	Introduction to AFAST & Its Target Organ Approach & Fluid Scoring System Greg Lisciandro
Genomics, Part 2: The Stuff You've Been Ignoring All These Years Jason Osterstock 		MRSA Infections in the Shelter Jeanette O'Quin 	The AFAST-Applied Abdominal Fluid Scoring System for Decision-Making in Bleeding Patients Greg Lisciandro
EXHIBIT HALL OPEN (30 MINUTES) COLORADO BALLROOMS E-F			
Genomics, Part 3: The Stuff You Keep Reading About Jason Osterstock 	AVTCP Exam	Feline Infectious Peritonitis Elizabeth Berliner	TFAST for Pleural Pericardial Effusion & Echo Views Greg Lisciandro
Genomics, Part 4: The Stuff You Really Want to Know Jason Osterstock 		Emerging Canine Respiratory Pathogens Elizabeth Berliner	Vet Blue Lung Ultrasound for Respiratory Dogs & Cats - Colossal Change Greg Lisciandro
Networking Luncheon • 12:10 - 1:00 PM • Denver Ballrooms 1-6			
EXHIBIT HALL OPEN (30 MINUTES) COLORADO BALLROOMS E-F			
FOOD ANIMAL	AVTCP	SHELTER	AFAST, TFAST, VETBLUE LECTURE
Calf Lung Ultrasound - Why Bother? Theresa Ollivett	Rabbit Anesthesia: What is Everyone So Scared Of? Stephen Cital	SCIENTIFIC ABSTRACTS Jennifer Bolser, Kim Carter, Meaghan Mielo	Update on Canine Anaphylaxis: Diagnosis, Treatment & Medically-Treated Hemoabdomen Greg Lisciandro
Calf Lung Ultrasound - What Am I Looking At? Theresa Ollivett	Pain Management in Exotic Small Mammals, Birds & Reptiles: They Have Feelings Too, Part 1 Stephen Cital	SCIENTIFIC ABSTRACTS Rachael Kriesler	Global FAST for CPR, Advanced Life Support, Patient Monitoring & Volume Status Greg Lisciandro
EXHIBIT HALL OPEN (40 MINUTES) COLORADO BALLROOMS E-F			
Calf Lung Ultrasound - How Do I Use It? Theresa Ollivett	Pain Management in Exotic Small Mammals, Birds & Reptiles: They Have Feelings Too, Part 2 Stephen Cital	SCIENTIFIC ABSTRACTS Erin Doyle, Emilia Gordon, Brian DiGangi	Use of Global FAST for Staging Oncology Cases: Don't Let Them Go Home Without Global FAST Greg Lisciandro
Regents' Welcome Reception • 5:00 - 6:00 PM • Colorado Ballrooms E-F (Exhibit Hall)			
ABVP Maintenance of Certification Workshop • Penrose Ballroom 1 Renee Rucinsky			
ABVP Certification Workshop • Penrose Ballroom 2 Stephen Pittenger			
AVTCP Board Meeting • Homestead			
Shelter Tour • Offsite at Longmont Humane Society Gail Rapport			
ABVP Item Writing Workshop • Penrose Ballroom 1 Michael Dutton			



# Program Schedule

**SATURDAY, OCTOBER 12**

	AVIAN	EXOTIC COMPANION ANIMAL	REPTILE & AMPHIBIAN	CANINE
Location	Penrose Ballroom 1	Independence	Matchless	Colorado Ballrooms A-D
8:00 - 8:50 AM	Advanced Diagnostic Sampling in Birds (Respiratory, Biopsy, etc) Heather Barron	Advanced Diagnostic Sampling in ECM (Respiratory/Biopsy/CNS) Tracey Ritzman	Advanced Diagnostic Sampling in Reptiles Eric Klaphake	Limb Salvage: Hope for the Toughest Salvage Cases Nicole Ehrhart
9:00 - 9:50 AM	Viral Diagnostics, Including Bornavirus Brenna Fitzgerald	Serum Chemistry Data: Small Mammals are Not Small Dogs Amy McNeil	Viral Diagnostics in Reptiles Eric Klaphake	Scientific Advances That Will Change the Face of Surgery Nicole Ehrhart
EXHIBIT HALL OPEN (30 MINUTES) COLORADO BALLROOMS E-F				
10:20 - 11:10 AM	Unusual Bacterial Diagnostics, Including Mycobacteriosis Brenna Fitzgerald	Critical Care Markers in ECM Angela Lennox	Reptile Anesthesia & Analgesia Heather Barron	Addressing the Dilemma of Surgical Margins Nicole Ehrhart
11:20 AM - 12:10 PM	Advanced Avian Radiography (Including Poultry) Brenna Fitzgerald	Unique Hematology Findings in Exotic Mammals Amy McNeil	Fungal Diagnostics in Reptiles Eric Klaphake	Nontraumatic Hemoabdomen: Splenectomy & Liver Lobectomy Catriona MacPhail
Networking Luncheon • 12:10 - 1:00 PM • Denver Ballrooms 1-6				
EXHIBIT HALL OPEN (30 MINUTES) COLORADO BALLROOMS E-F				
1:30 - 2:20 PM	Highlights of Avian Hematology & Cytology Amy McNeil	Ferret Infectious Disease Testing Angela Lennox	Parasitic Diagnostics in Reptiles Eric Klaphake	Skin & Subcutaneous Masses, Managing Tension & Mobilizing Tissue Catriona MacPhail
2:30 - 3:20 PM	Diagnosing via Thermal Imaging in Birds Hugues Beaufrère	Advanced Exotic Companion Mammal Radiology Angela Lennox	Advanced Reptile Radiology Eric Klaphake	Gastrointestinal Oncologic Surgery Catriona MacPhail
EXHIBIT HALL CLOSING (40 MINUTES) COLORADO BALLROOMS E-F				
4:00 - 4:50 PM	Clinical Lipidology in Birds Hugues Beaufrère	Common Cytologic Diagnosis in Small Mammals Amy McNeil	What's New? Thermography & Ophthalmology in Reptiles Eric Klaphake	Diagnostic Exploration & Organ Biopsy Catriona MacPhail
5:00 - 6:00 PM	ABVP Diplomate Meeting • Colorado Ballrooms A-D			
5:00 - 6:00 PM	AVTCP Question & Answer Session • Homestead			
Reception • 6:00 - 6:30 PM • Denver Ballrooms Pre-Function				
Annual Awards Dinner • 6:45 - 9:30 PM • Denver Ballrooms 1-6				

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# Program Schedule

**SATURDAY, OCTOBER 12**

FELINE	EQUINE	FOOD ANIMAL	AVTCP	SHELTER
Colorado Ballrooms G-J	Gold Coin	Mattie Silks	Homestead	Penrose Ballroom 2
Making Sense of Commercial Pet Foods, Part 1 <i>Jackie Parr</i> 	Nonulcerative Keratopathies of the Horse, Part 2 <i>Dennis Brooks</i>	Big Data, Big Opportunities for Dairy, Part 1 <i>Jeffrey Bewley</i> 	Exotic Animal Critical Care (Species Focus & General Overview) <i>Stephen Cital</i>	Dermatophytosis - Our Current Understanding <i>Chumkee Aziz</i> 
Making Sense of Commercial Pet Foods, Part 2 <i>Jackie Parr</i> 	Immune Mediated & Non-Immune Mediated Uveitis of the Horse, Part 1 <i>Dennis Brooks</i>	Big Data, Big Opportunities for Dairy, Part 2 <i>Jeffrey Bewley</i> 	Exotic Animal Blood Transfusions <i>Stephen Cital</i>	Dermatophytosis - A Practical Reality <i>Chumkee Aziz</i> 
<b>EXHIBIT HALL OPEN (30 MINUTES) COLORADO BALLROOMS E-F</b>				
Alternative Diets, Part 1 <i>Jackie Parr</i> 	Immune Mediated & Non-Immune Mediated Uveitis of the Horse, Part 2 <i>Dennis Brooks</i>	Practical Considerations for Technology & Data Implementation, Part 1 <i>Jeffrey Bewley</i> 	Veterinary Cannabinoids: An Innovative Look into the Future <i>Stephen Cital</i>	Some Things Should Not be Shared: Zoonotic Disease, Part 1 <i>Jeanette O'Quin</i>
Alternative Diets, Part 2 <i>Jackie Parr</i> 	Corneal Surgery & Conjunctival Surgery of the Horse <i>Dennis Brooks</i>	Practical Considerations for Technology & Data Implementation, Part 2 <i>Jeffrey Bewley</i> 	The Aquatic Animal Anesthetic Patient <i>Stephen Cital</i>	Some Things Should Not be Shared: Zoonotic Disease, Part 2 <i>Jeanette O'Quin</i>
<b>Networking Luncheon • 12:10 - 1:00 PM • Denver Ballrooms 1-6</b>				
<b>EXHIBIT HALL OPEN (30 MINUTES) COLORADO BALLROOMS E-F</b>				
Video Based Approach to the Feline Neurologic Examination <i>Simon Platt</i>	Lens Removal & Cataract Surgery in Foals & Horses <i>Dennis Brooks</i>	Identifying the Value of Diagnostic Testing. What Information Do We Seek? <i>Dan Scruggs</i> 	Perianesthetic Arrhythmias: What It Is & What Do I Do Now? <i>Katy Waddell</i>	Managing Rabies at Home & Abroad <i>Jeanette O'Quin</i>
Feline Head Tilts - An Approach to Vestibular Disease in Cats <i>Simon Platt</i>	Cardiac Murmurs & Arrhythmias: When Are They Significant? <i>Amy Polkes</i>	Methods of Diagnostic Testing. Understanding Their Shortcomings <i>Dan Scruggs</i> 	Pediatric Emergencies: Good Babies Gone Bad <i>Katy Waddell</i>	Interactive Practitioner Workshop: Case Presentations & Creative Solutions <i>Elizabeth Berliner</i>
<b>EXHIBIT HALL CLOSING (40 MINUTES) COLORADO BALLROOMS E-F</b>				
Circling & Confusion in the Cat <i>Simon Platt</i>	Equine Cardiac Case-Based Discussion <i>Amy Polkes</i>	Sophisticated Methods of Crude Blunt Tools. How Do We Utilize Both? <i>Dan Scruggs</i> 	Feline Friendly Handling <i>Katy Waddell</i>	Interactive Practitioner Workshop: Case Presentations & Creative Solutions <i>Staci Cannon</i>
<b>ABVP Diplomate Meeting • Colorado Ballrooms A-D</b>				
<b>AVTCP Question &amp; Answer Session • Homestead</b>				
<b>Reception • 6:00 - 6:30 PM • Denver Ballrooms Pre-Function</b>				
<b>Annual Awards Dinner • 6:45 - 9:30 PM • Denver Ballrooms 1-6</b>				



# Program Schedule

SUNDAY, OCTOBER 13

	AVIAN	EXOTIC COMPANION ANIMAL	REPTILE & AMPHIBIAN	CANINE	FELINE
Location	Colorado Ballroom G	Independence	Matchless	Colorado Ballrooms A-D	Colorado Ballroom F
8:00 - 8:50 AM	<b>Stuff in the Ventriculus: When Is It of Clinical Significance?</b> <i>Angela Lennox</i>	<b>Not Just Neoplasia: Reproductive Diseases in Exotic Companion Mammals</b> <i>Tracey Ritzman</i>	<b>Reproductive Disease in Herps</b> <i>Heather Barron</i>	<b>Full &amp; Partial Limb Amputation</b> <i>Catriona MacPhail</i>	<b>Seizures in Cats - How to Investigate</b> <i>Simon Platt</i>
9:00 - 9:50 AM	<b>Hot Topic: Reproductive Disease in Birds</b> <i>Heather Barron</i>	<b>Medical Management of Rabbit Gastrointestinal Stasis Syndrome</b> <i>Hugues Beaufrère</i>	<b>Anesthesia Updates in Reptiles</b> <i>Angela Lennox</i>	<b>New Radiation Modalities for Canine Oncology Patients, Part 1</b> <i>Susan LaRue</i>	<b>Cats with Seizures - What Drugs to Use?</b> <i>Simon Platt</i>
COFFEE BREAK (20 MINUTES)					
10:10 - 11:00 AM	<b>Hot Topic: Avian Analgesia Across the Taxons</b> <i>Heather Barron</i>	<b>Rabbit Analgesia &amp; Anesthesia</b> <i>Hugues Beaufrère</i>	<b>Diagnostics &amp; Treatment of Venomous Reptiles</b> <i>Rob Coke</i>	<b>New Radiation Modalities for Canine Oncology Patients, Part 2</b> <i>Susan LaRue</i>	<b>The Paralyzed Cat - A Video Based Approach to Neurological Collapse</b> <i>Simon Platt</i>
11:00 AM - 12:00 PM	<b>Hot Topic: Avian Anesthesia: Principles &amp; Application</b> <i>Heather Barron</i>	<b>Fear Free Handling for ECM</b> <i>Angela Lennox</i>	<b>Diagnostics &amp; Treatment of Crocodilians</b> <i>Rob Coke</i>	<b>New Radiation Modalities for Feline Cancers</b> <i>Susan LaRue</i>	<b>Feline Neuromuscular Weakness</b> <i>Simon Platt</i>





# Program Schedule

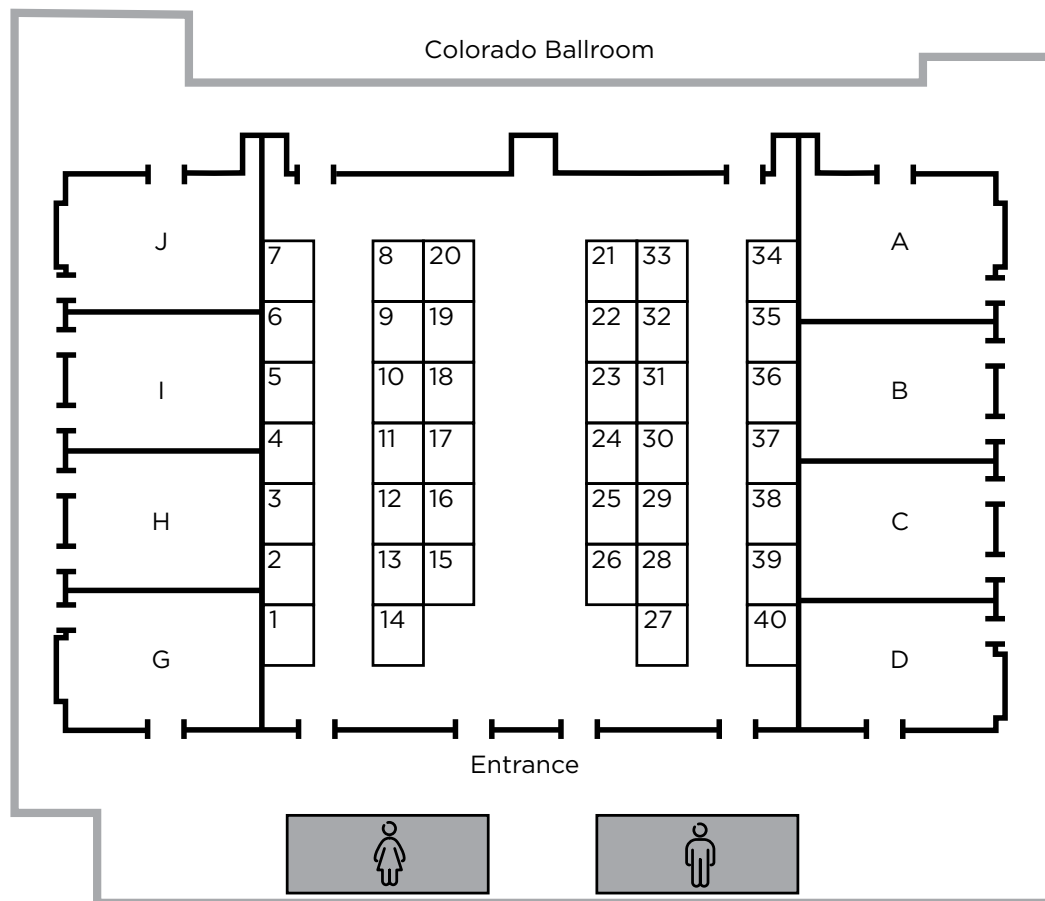
SUNDAY, OCTOBER 13

EQUINE	FOOD ANIMAL	AVTCP	SHELTER WORKSHOP 1	SHELTER WORKSHOP 2	AFAST/TFAST VETBLUE WET LAB
Gold Coin	Mattie Silks	Homestead	Penrose Ballroom 1	Penrose Ballroom 2	Offsite
Review of Equine Infectious & Non-Infectious Respiratory Disease in the Horse <i>Amy Polkes</i>	New Swine Technologies; What is Different Today in Genetics, Nutrition, Housing, Health Issues & Diagnostics <i>Tony Schieber</i>	Patient Monitoring: Do You Know What Your Machines Are Telling You? <i>Katy Waddell</i>	Diagnostic Testing Strategies - An Interactive Workshop <i>Brian DiGangi</i>	Mitigating Infectious Disease During Animal Relocation, A Roundtable Discussion <i>Erin Doyle</i>	AFAST/TFAST VetBlue Hands-On Workshop (Offsite) <i>Greg Liscandro &amp; Instructors</i>  <i>Offsite location: Gentle Touch Animal Hospital</i>
Case Studies on Equine Respiratory Disease, Diagnosis & Treatment <i>Amy Polkes</i>	New Technologies Meet Old Technologies: How to Work-Up Cases Using Production Records, Serology & Autopsies <i>Tony Schieber</i>	Heartworm Disease & Caval Syndrome <i>Katy Waddell</i>			
COFFEE BREAK (20 MINUTES)					
Updates on Endocrine Disorders, Including PPID & Insulin Dysregulation <i>Amy Polkes</i> 	Acidification of Bovine Milk <i>Billy Smith</i>	Anesthesia for Hyperthyroid Cats <i>Katy Waddell</i>	Diagnostic Testing Strategies - An Interactive Workshop <i>Brian DiGangi</i>	Mitigating Infectious Disease During Animal Relocation, A Roundtable Discussion <i>Erin Doyle</i>	AFAST/TFAST VetBlue Hands-On Workshop (Offsite) <i>Greg Liscandro &amp; Instructors</i>  <i>Offsite location: Gentle Touch Animal Hospital</i>
Top 10 ACVIM Abstracts <i>Amy Polkes</i> 	Acidification of Bovine Colostrum <i>Billy Smith</i>	Cardiac Effects of Anesthetic Agents <i>Katy Waddell</i>			





# Exhibitor Map



1. MILA International, Inc.
2. Companion Animal Health by LiteCure
3. Spray Master Technologies
4. Weave
5. Select Merchant Solutions
6. Biovision Veterinary Endoscopy
7. Elsevier
8. Sedecal USA, Inc.
9. Taylor's Pharmacy
10. Karl Storz Veterinary Endoscopy
11. Purina
12. Purina
13. Dechra Veterinary Products
14. MedTech International Group
15. Boehringer Ingelheim
16. ElleVet Sciences
17. Doctor Multimedia
18. Wiley
19. Wiley
20. SonoPath.com

21. Universal Surgical Instruments
22. Arthrex, Inc.
23. Multi Radiance Medical
24. ASPCA
25. Royal Canin Inc.
26. Royal Canin Inc.
27. VetFolio
28. Snyder Mfg Co.
29. IDEXX
30. VetScene
31. Nutramax Laboratories Veterinary Sciences, Inc.
32. Black Diamond Radio
33. MDS Incorporated
34. Veterinary Books by Success Concepts
35. Addison Biological Laboratory, Inc.
36. AVTCP
37. Ellman, A Cynosure Company
38. MicroVet Diagnostics
39. MicroVet Diagnostics
40. VetMatrix



# Exhibitor List

## **Addison Biological Laboratory, Inc. | Booth# 35**

507 North Cleveland Avenue, Fayette, MO 65248

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

The Academy of Veterinary Technicians in Clinical Practice advances the profession of veterinary technology through recognition and support of veterinary technicians and veterinary nurses who demonstrate the highest standards of practice in clinical healthcare.

## **Biovision Veterinary Endoscopy | Booth# 6**

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## **Black Diamond Radio | Booth# 32**

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**Doctor Multimedia | Booth# 17**

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**ElleVet Sciences | Booth# 16**

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[www.ellevetsciences.com](http://www.ellevetsciences.com)

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# Speakers

**Chumkee Aziz**, DVM, DABVP (Shelter Medicine Practice)  
**Jennifer Babineaux**, DVM, MBA, DABVP (Feline Practice)  
**Heather Barron**, DVM, DABVP (Avian Practice)  
**Hugues Beaufrère**, DVM, PhD, DABVP (Avian Practice), DACZM, DECZM  
**Elizabeth Berliner**, DVM, DABVP (Canine & Feline Practice), DABVP (Shelter Medicine Practice)  
**Jeffrey Bewley**, PhD  
**Jennifer Bolser**, DVM  
**Dennis Brooks**, DVM, PhD, DACVO  
**Kim Carter**, DVM  
**Stephen Cital**, RVT, SRA, RLAT, VCCS, VTS-LAM  
**Rob Coke**, DVM, DABVP (Reptile & Amphibian Practice), DACZM, CVA  
**Carolyn Cray**, PhD  
**Ravinder Dhaliwal**, MS, DVM, DABVP (Canine & Feline Practice), DACVIM (Oncology)  
**Brian DiGangi**, MS, DVM, DABVP (Canine & Feline Practice), DABVP (Shelter Medicine Practice)  
**Erin Doyle**, DVM, DABVP (Shelter Medicine Practice)  
**Nicole Ehrhart**, VMD, DACVS  
**Mark Epstein**, DVM, DABVP (Canine & Feline Practice), CVPP  
**Elise Gingrich**, DVM, DABVP (Shelter Medicine)  
**Emilia Gordon**, DVM  
**Temple Grandin**, PhD  
**Stephanie Janeczko**, MS, DVM, DABVP (Canine & Feline Practice),  
DABVP (Shelter Medicine Practice)  
**Eric Klaphake**, DVM, DABVP (Avian Practice), DABVP (Reptile & Amphibian Practice)  
**Rachael Kriesler**, VMD, MSCE, DACVPM (Epidemiology)  
**Susan Larue**, DVM, PhD  
**Angela Lennox**, DVM, DABVP (Avian Practice), DABVP (Exotic Companion Mammal Practice)  
**Gregory Lisciandro**, DVM, DABVP (Canine & Feline Practice), DACVECC  
**Catriona MacPhail**, DVM, PhD, DACVS  
**Stephanie McGrath**, DVM, DACVIM (Neurology)  
**Amy McNeil**, DVM, PhD, DACVP  
**Meaghan Mielo**, DVM  
**Jeanette O'Quin**, DVM, MPH, DABVP (Shelter Medicine Practice), DACVPM  
**Theresa Ollivett**, DVM, PhD, DACVIM (LAIM)  
**Jason Osterstock**, DVM, PhD  
**Jackie Parr**, DVM, BSCh, MSc, DACVN  
**Simon Platt**, BVMA, DACVIM (Neurology), DECVN, FRCVS  
**Amy Polkes**, DVM, DACVIM (LAIM)  
**Tracey Ritzman**, DVM, DABVP (Avian Practice), DABVP (Exotic Companion Mammal Practice)  
**Jeffrey Sarchet**, DVM, MPH, DABVP (Beef Cattle Practice), DACVPM  
**Tony Scheiber**, DVM, DABVP (Swine Health Management)  
**Daniel Scruggs**, DVM  
**Billy Smith**, MS, DVM, DABVP (Food Animal Practice)  
**Caitlin Tearney**, DVM, DACVAA  
**Jack Teitelman**  
**Katy Waddell**, LVT, VTS

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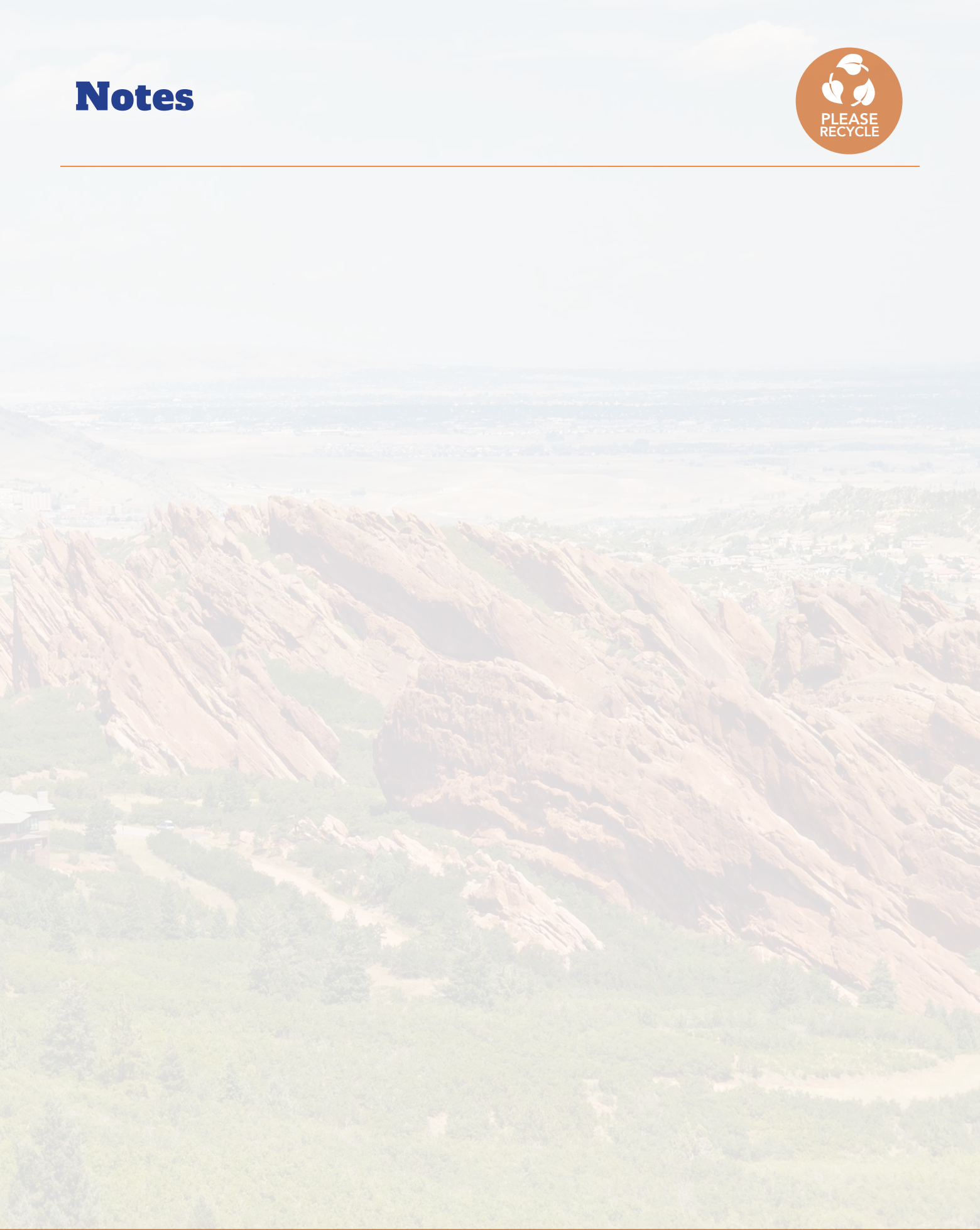
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# Notes

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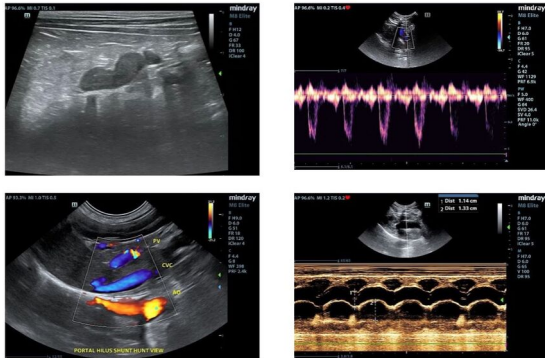
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