

# 2022 SHELTER MEDICINE CONFERENCE



Maddie's Shelter  
Medicine Program  
Cornell University



Maddie's  
Fund  
#ThanksToMaddie

## FRIDAY, JULY 15

6:30 - 8:00 p.m.	<p><i>KEYNOTE ADDRESS: LECTURE HALLS 4 &amp; 5</i></p> <p><u>Lessons Learned as a Shelter Veterinary Behaviorist: The Evolution of Behavior in Shelters</u></p> <p>Sheila (D'Arpino) Segurson, DVM, DACVB, CDBC, CCBC Maddie's Fund</p>
8:00 to 9:00 p.m.	<p><i>WINE &amp; CHEESE RECEPTION</i></p>

## SATURDAY, JULY 16

DVM- Lecture Hall 4		LVT- Lecture Hall 2	Behavior- Lecture Hall 5	Operations- Lecture Hall 1
7:30 - 8:30 a.m.	<i>CONTINENTAL BREAKFAST</i>			
8:30 - 9:30 a.m.	<p><u>Clinical Cardiology on a Budget</u> Amara Estrada, DVM, DACVIM University of Florida</p>	<p><u>Caring for the Pets of the Vulnerably Housed</u> Biana G. Tamimi, BVM&amp;S, MRCVS ASPCA</p>	<p><u>Risky Business: Preventing Dog Bites with Risk Assessment</u> Sheila (D'Arpino) Segurson, DVM, DACVB, CDBC, CCBC Maddie's Fund</p>	<p><u>Safety Net Programs to Support Pet Ownership: Creating Strategic, Impactful Programs that Make a Difference</u> Seana Dowling-Guyer, MS Tufts University</p>
9:45 - 10:45 a.m.	<p><u>Clinical Cardiology on a Budget (Part 2)</u> Amara Estrada, DVM, DACVIM University of Florida</p>	<p><u>It's a Small World: Caring for Small Mammals in the Shelter</u> Elise Gingrich, DVM, MPH, MS, DACVPM, DABVP ASPCA</p>	<p><u>A Trauma-Informed Approach to Behavioral Care in Shelters</u> Sheila (D'Arpino) Segurson, DVM, DACVB, CDBC, CCBC Maddie's Fund</p>	<p><u>Emergency Fostering During the Pandemic: Takeaways for a Post-Pandemic World</u> Lisa Gunter, PhD, MA, CBCC-KA Arizona State University Erica Feuerbacher, PhD, BCBA-D, CAAB, CPDT-KA Virginia Tech University</p>
11:00 - Noon	<p><u>Heartworm Helpdesk: Case Studies in Heartworm Disease Management</u> Brian DiGangi, DVM, MS, DABVP ASPCA</p>	<p><u>Clinical Cardiology for the LVT/Assistant</u> Candy Jaynes, LVT Shelter Outreach Services</p>	<p><u>Behavior Research You Can Put to Use Right Now in Your Shelter</u> Sheila (D'Arpino) Segurson, DVM, DACVB, CDBC, CCBC Maddie's Fund Seana Dowling-Guyer, MS Tufts University</p>	<p><u>General Learning Principles and How to Apply in Daily Shelter Interactions</u> Erica Feuerbacher, PhD, BCBA-D, CAAB, CPDT-KA, Virginia Tech University</p>
Noon - 1:30 p.m.	<i>LUNCH</i>			
1:30-2:30 p.m.	<p><u>Pain Management in a Shelter Medicine Setting</u> Cheyenne Cannarozzo, DVM, Ella Pittman, DVM, Kelly Chen, DVM Cornell University</p>	<p><u>Tools and Tips for Transport Technicians</u> Karen Walsh, LVT, CAWA Brian DiGangi, DVM, MS, DABVP ASPCA</p>	<p><u>Behavioral &amp; Physiological Effects of Field Trips, Sleepovers, and Week-Long Fostering</u> Lisa Gunter, PhD, MA, CBCC-KA Arizona State University Erica Feuerbacher, PhD, BCBA-D, CAAB, CPDT-KA Virginia Tech University</p>	<p><u>"Ugh, I Just Don't Know What to Do Anymore": Addressing Decision Fatigue in Animal Sheltering</u> Erin Doyle, DVM, DABVP ASPCA</p>
2:45-3:45 p.m.	<p><u>Canine Brucellosis &amp; Sheltering Implications</u> Elise Gingrich, DVM, MPH, MS, DACVPM, DABVP ASPCA</p>	<p><u>Locoregional Techniques (Lab A)*</u> Cheyenne Cannarozzo, DVM, Ella Pittman, DVM, Kelly Chen, DVM Cornell University</p>	<p><u>Tools and Tips for Transport Technicians (Part 2)</u> Karen Walsh, LVT, CAWA Brian DiGangi, DVM, MS, DABVP ASPCA</p>	<p><u>Separation Anxiety</u> Erica Feuerbacher, PhD, BCBA-D, CAAB, CPDT-KA, Virginia Tech University</p>
4:00 - 5:00 p.m.	<p><u>Point-of-Care Ultrasound Basics</u> Denae Campanale, DVM Cornell University</p>	<p><u>Locoregional Techniques (Lab B)*</u> Cheyenne Cannarozzo, DVM, Ella Pittman, DVM, Kelly Chen, DVM Cornell University</p>	<p><i>CROSS TRACK WORKSHOP- LECTURE HALL 5</i></p> <p><u>Assessing Canine Welfare &amp; Implementing Interventions that Improve Welfare</u> Lisa Gunter, PhD, MA, CBCC-KA Arizona State University</p>	

\*Pre-registration and additional fee required. Labs will take place in the Bilinski Wet Lab on the second level of the Vet School.



## SUNDAY, JULY 17

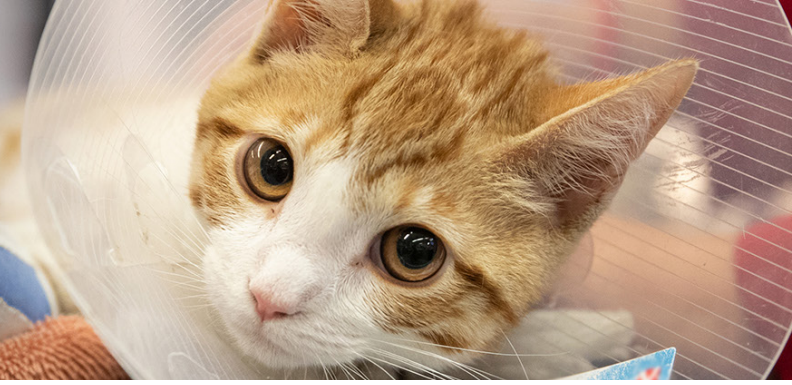
	DVM- Lecture Hall 4	Behavior- Lecture Hall 5	Operations- Lecture Hall 1
7:30 - 8:30 a.m.	CONTINENTAL BREAKFAST		
8:30 - 9:30 a.m.	<b><u>Principles of Wound Management</u></b> Dan Lopez, DVM, DACVS Cornell University	<b><u>CROSS TRACK WORKSHOP- LECTURE HALL 5</u></b> <b><u>Behavior Assessments in the Shelter: What Does the Science Say?</u></b> Lisa Gunter, PhD, MA, CBCC-KA, Arizona State University	
9:45 - 10:45 a.m.	<b><u>Advanced Surgical Reconstruction Techniques</u></b> Dan Lopez, DVM, DACVS Cornell University	<b><u>Canine Enrichment in the Shelter:</u></b> <b><u>Implementing Evidence-Based Best Practices</u></b> Lisa Gunter, PhD, MA, CBCC-KA Arizona State University Erica Feuerbacher, PhD, BCBA-D, CAAB, CPDT-KA Virginia Tech University	<b><u>Tough Choices: Thinking about the Shelter's Role in</u></b> <b><u>Antimicrobial Stewardship</u></b> Elizabeth Berliner, DVM, DABVP Cornell University
11:00 - Noon	<b><u>New and Noteworthy: Highlights from the Past Year's Publications</u></b> Stephanie Janeczko, DVM, MS, DABVP, CAWA ASPCA Lena DeTar, DVM, DABVP, DACVPM Cornell University	<b><u>Behavior Case Studies</u></b> Rebecca Lohnes, MS, CDBC, CCBC Alex Ferrente, CPDT-KA Young Lion Training & Behavior, LLC	<b><u>How to Translate the Modeling of Free-Roaming Cat Management to the</u></b> <b><u>Real World: Strategic Trap-Neuter-Return</u></b> Margaret Slater, DVM, PhD ASPCA
Noon- 1:00 p.m.	LUNCH		
1:00 - 2:00 p.m.	<b><u>New and Noteworthy: Highlights from the Past Year's Publications (Part 2)</u></b> Stephanie Janeczko, DVM, MS, DABVP, CAWA ASPCA Lena DeTar, DVM, DABVP, DACVPM Cornell University	<b><u>Behavior Case Studies (Part 2)</u></b> Rebecca Lohnes, MS, CDBC, CCBC Alex Ferrente, CPDT-KA Young Lion Training & Behavior, LLC	<b><u>Preconceptions That Can Limit Access to Veterinary Care:</u></b> <b><u>Looking Behind the Curtain</u></b> Margaret Slater, DVM, PhD ASPCA
2:15 - 4:30 p.m.	<b><u>CROSS TRACK WORKSHOP- LECTURE HALLS 4 &amp; 5</u></b> <b><u>Balancing Medical and Behavioral Well-Being in Shelter Animals</u></b> Erin Doyle, DVM, DABVP Melanie Benetato, VMD, MS Sydney Bartson Queen, CPDT-KA Rachel Maso, CPDT-KA ASPCA		

### CONTINUING EDUCATION:

- This program has been approved for 38 hours of continuing education credit in jurisdictions that recognize RACE approval, with 13.25 hours available to an individual attendee.
- The ASPCA is also approved as a New York State sponsor of continuing education (NYSSED) for veterinarians and veterinary technicians.
- The ASPCA is an approved provider of content that enhances professional competence and aligns with the 5 domains of the CAWA Exam specifications.
- The conference has been approved by IAABC & CCPDT.

# Shelter Medicine Conference

July 15-17, 2022



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## FRIDAY, JULY 15

6:30 p.m. to 8:00 p.m.

### CROSS TRACK

### KEYNOTE ADDRESS: LESSONS LEARNED AS A SHELTER VETERINARY BEHAVIORIST: THE EVOLUTION OF BEHAVIOR IN SHELTERS

*Sheila (D'Arpino) Segurson, DVM, DACVB, CDBC, CCBC, Maddie's Fund*

Animal shelters have been housing animals for over 100 years. Supporting the behavioral health of our canine and feline companions in the shelter environment is something that has been, is and will always be a challenge. In addition, many of us are overwhelmed by the sheer number of animals (especially big dogs) in our care. How do we do our best to help animals while also protecting public safety? During this session, you'll learn about the evolution of behavior in animal shelters. What lessons can we learn from how we did things in the past? How do we live for today and support the animals in our care? And how can we work towards a better future?

8:00 p.m. to 9:00 p.m.

### WINE & CHEESE RECEPTION

Join your fellow attendees at a networking reception immediately after the Keynote Address. Enjoy light appetizers and beverages while catching up with you colleagues from across the country.

### CONTINUING EDUCATION

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## SATURDAY, JULY 16

8:30 AM-9:30 AM

### **DVM TRACK** CLINICAL CARDIOLOGY ON A BUDGET

*Amara H. Estrada, DVM, DACVIM (Cardiology), University of Florida*

After attending this session, attendees will be able to provide individualized management plans that prioritize diagnostic testing and therapies for the most common types of heart disease seen in general practice.

### **LVT TRACK** CARING FOR THE PETS OF THE VULNERABLY HOUSED

*Biana G. Tamimi, BVM&S, MRCVS, ASPCA*

Pets have a tremendous impact on the lives of people at risk of or experiencing homelessness. They can provide companionship and a sense of responsibility and connection during a time of profound insecurity. However, pets also pose significant barriers for this already very vulnerable population. In this session we will look at the effects of pet ownership on homelessness and explore how we in animal welfare and shelters can become valuable resources that support the well-being of both the people and the animals.

### **BEH TRACK** RISKY BUSINESS: PREVENTING DOG BITES WITH RISK ASSESSMENT

*Sheila (D'Arpino) Segurson, DVM, DACVB, CDBC, CCBC, Maddie's Fund*

You know that famous saying, 'No risk, No reward'? There's risk in almost everything we do. When it comes to animal welfare, we're fortunate that seriously aggressive behavior is rare. Even if infrequent, we hope to protect public safety by preventing animals at high risk of causing serious harm from being placed in homes. Behavior assessment tests were standard of care; however, we now know that behavior assessment tests of shelter dogs don't reliably and accurately predict the occurrence of aggressive behavior in a home environment. So how do we identify animals who are a significant public safety risk and protect the public? During this session, we'll talk about risk assessment and how animal welfare organizations can assess the risk of placing dogs into the community.

### **OPS TRACK** SAFETY NET PROGRAMS TO SUPPORT PET OWNERSHIP: CREATING STRATEGIC, IMPACTFUL PROGRAMS THAT MAKE A DIFFERENCE

*Seana Dowling-Guyer, MS, Cummings School of Veterinary Medicine at Tufts University*

Programs that support pet ownership in the community not only help animals stay in homes but can improve their welfare while at home. These safety net programs can also help people and support the human-animal bond. But how best to do this? What programs will help and how do you decide which to implement at your organization? How can you tell if you are achieving your objective and making a difference? This session will include a description of common safety net programs and research into their efficacy. A strategic decision-making matrix will be shared to help organizations decide which programs to implement and how to best determine a program's outcomes. Supporting pet ownership through community programming is the future of animal sheltering; being strategic and adaptive when selecting and implementing these programs will enable your shelter to successfully achieve the goals of reducing surrenders, maximizing pet retention, improving welfare, and supporting the human-animal bond.

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## SATURDAY, JULY 16

9:45 AM-10:45 AM

### **DVM TRACK** CLINICAL CARDIOLOGY ON A BUDGET—PART 2

*Amara H. Estrada, DVM, DACVIM (Cardiology), University of Florida*

See [previous description](#).

### **LVT TRACK** IT'S A SMALL WORLD-CARING FOR SMALL MAMMALS IN THE SHELTER

*Elise Gingrich, DVM, MPH, MS, DACVPM, DABVP (Shelter Medicine Practice), ASPCA*

Shelters are encountering small mammals more frequently. This increased intake creates a new responsibility to care for these animals whose behavior differs vastly from those of traditional shelter animals. They may fit into smaller enclosures, but that does not mean these animals require less attention to their welfare. This session provides an overview of the normal behavior and related husbandry requirements of the small mammals most likely to be encountered in the shelter environment.

### **BEH TRACK** A TRAUMA-INFORMED APPROACH TO BEHAVIORAL CARE IN SHELTERS

*Sheila (D'Arpino) Segurson, DVM, DACVB, CDBC, CCBC, Maddie's Fund*

As our communities become more informed about recognizing and responding to human trauma, there's growing interest in the impact of chronic stress and trauma on animal behavior. There's a large volume of evidence that demonstrates the negative impact of trauma on human health and welfare. While research in animals isn't focused on the concept of trauma, this session will share evidence that demonstrates the impact of stressful experiences on animal health and welfare. Acknowledgement of the role of trauma in animal behavior encourages us to be more understanding and respond more appropriately to undesirable or challenging behaviors that may be caused by trauma. This session will discuss practical ways you can prevent trauma and help animals to recover.

### **OPS TRACK** EMERGENCY FOSTERING DURING THE PANDEMIC: TAKEAWAYS FOR A POST-PANDEMIC WORLD

*Lisa Gunter, PhD, CBCC-KA, Arizona State University*  
*Erica Feuerbacher, PhD, CAAB, BCBA-D, Virginia Tech University*

On March 11, 2020, the World Health Organization deemed the coronavirus outbreak a worldwide pandemic, and subsequently a nationwide emergency was declared in the United States. During this time, media outlets reported increased interest in foster caregiving and adoption of shelter pets. In this session, we will describe our exploration of canine foster caregiving at 19 US animal shelters during the first months of the COVID-19 pandemic. Specifically, we will focus on key takeaways for foster recruitment, trial adoption programs, caregiving practices, and behavioral support that can be utilized in our post-pandemic world.

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## SATURDAY, JULY 16

11:00 AM-Noon

### **DVM TRACK** HEARTWORM HELPDESK: CASE STUDIES IN HEARTWORM DISEASE MANAGEMENT

*Brian DiGangi, DVM, MS, DABVP (Canine & Feline Practice, Shelter Medicine Practice), ASPCA*

This case-based session will explore common real-life scenarios in heartworm disease management faced by animal shelters and recent adopters.

### **LVT TRACK** CLINICAL CARDIOLOGY FOR THE LVT/ASSISTANT

*Candice Jaynes, LVT, Shelter Outreach Services & Cornell University Hospital for Animals*

This session will discuss the potential of heart disease in a dog and cat and how to recognize the signs and symptoms. Attendees will also discover which breeds are predisposed to heart disease and what tools are available to diagnose and treat heart disease.

### **BEH TRACK** BEHAVIOR RESEARCH YOU CAN PUT TO USE RIGHT NOW IN YOUR SHELTER

*Sheila Segurson, DVM, DACVB, Maddie's Fund  
Seana Dowling-Guyer, MS, Cummings School of Veterinary Medicine at Tufts University*

Research into animal behavior has increased exponentially, particularly in the area of applied animal behavior. Although many of the behavior topics presented at this conference are supported by research findings, this lightning round of updates will focus on applied research that can be used immediately at your sheltering organization. From research to improve the welfare of animals in the shelter to decreasing lengths of stay to supporting pet ownership in the community, this session will present key findings from recent research along with caveats and critiques to help you put the research results in proper context. At the end of the session, the audience will be polled for their ideas for future research and those suggestions disseminated to the wider research community.

### **OPS TRACK** GENERAL LEARNING PRINCIPLES & HOW TO APPLY IN DAILY SHELTER INTERACTIONS

*Erica Feuerbacher, PhD, CAAB, BCBA-D, Virginia Tech University*

Teaching animals in our shelter useful skills helps them and our staff. New skills can make that animal's life better as it accesses more rewards and is hopefully developing desirable behaviors for post-adoption; a dog or cat with more desirable behavior can make our staff's lives better by the animal being easier to handle each time they need to interact. In every interaction we have with an animal, they are learning something. This means that anyone that interacts with a dog or cat, whether kennel staff, the adoption team, the marketing team, or more can have a positive impact on its behavior, with a little understanding of basic principles and consideration for what the animal is learning from us. In this session, we will review the basics of animal learning and focus on routine examples of how we can easily apply these principles in our daily interactions with shelter animals. This session is especially designed for the non-behavior professional to learn how small changes in our behavior can have big impact for the animals in our care.



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## SATURDAY, JULY 16

1:30 PM-2:30 PM

### **DVM TRACK** PAIN MANAGEMENT IN A SHELTER MEDICINE SETTING

*Kelly Chen, DVM, Cornell University College of Veterinary Medicine*

*Cheyenne J. Cannarozzo, DVM, Cornell University College of Veterinary Medicine*

*Ella M. Pittman, DVM, Cornell University College of Veterinary Medicine*

This lecture will provide attendees with knowledge on pain assessment, drug options and choices, and locoregional anesthesia. All information will be catered to be applicable in a shelter medicine setting.

### **LVT TRACK** TOOLS & TIPS FOR TRANSPORT TECHNICIANS

*Brian DiGangi, DVM, MS, DABVP (Canine & Feline Practice, Shelter Medicine Practice), ASPCA*

*Karen S Walsh, LVMT, CAWA, CFE, ASPCA*

This session will review current practices to ensure safe and healthy animal transport for shelters on both ends of the journey. An interactive tabletop exercise will feature real-life scenarios and help participants troubleshoot challenges and optimize the effectiveness of their transport program.

### **BEH TRACK** BEHAVIORAL & PHYSIOLOGICAL EFFECTS OF FIELD TRIPS, SLEEPOVERS, & WEEK-LONG FOSTERING

*Lisa Gunter, PhD, CBCC-KA, Arizona State University*

*Erica Feuerbacher, PhD, CAAB, BCBA-D, Virginia Tech University*

It is likely that social isolation contributes to reduced welfare for dogs living in animal shelters. One type of intervention that addresses this concern, human interaction, has been demonstrated to improve behavior and reduce physiological measures of stress for dogs awaiting adoption. In this talk, we will discuss research conducted at 11 animal shelters across the United States in which we've investigated the impacts of field trips, sleepovers, and weeklong fostering, on shelter dog stress and activity levels, and how these types of programs can be implemented to positively impact the lives of dogs in your shelter.

### **OPS TRACK** "UGH, I JUST DON'T KNOW WHAT TO DO ANYMORE": ADDRESSING DECISION FATIGUE IN ANIMAL SHELTERING

*Erin Doyle, DVM, DABVP (Shelter Medicine Practice), ASPCA*

Caring for shelter animals involves making decisions, often challenging ones, day in and day out. Whether you're working in shelter administration, operations, medicine, or behavior (or all of the above), you've likely experienced the fatigue that comes with decision-making and its impacts. Join us to recognize that we aren't alone and that we can implement strategies to address decision fatigue and support our own well-being, including effective communication techniques, collaborative decision making strategies, and cutting ourselves some slack when we "get it wrong."

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## SATURDAY, JULY 16

2:45 PM-3:45 PM

### DVM TRACK CANINE BRUCELLOSIS & SHELTERING IMPLICATIONS

*Elise Gingrich, DVM, MPH, MS, DACVPM, DABVP (Shelter Medicine Practice), ASPCA*

Canine brucellosis and its implications in animal sheltering are being discussed more frequently, especially in relation to relocation of animals. This session will review the biology and diagnosis of canine brucellosis that shelter professionals need to be familiar with when discussing prevention and control strategies for the disease.

### DVM TRACK LOCOREGIONAL TECHNIQUES IN A SHELTER MEDICINE SETTING—LAB A\*

*Kelly Chen, DVM, Cornell University College of Veterinary Medicine*

*Cheyenne J. Cannarozzo, DVM, Cornell University College of Veterinary Medicine*

*Ella M. Pittman, DVM, Cornell University College of Veterinary Medicine*

This lab will include demonstrations on how to perform said locoregional techniques in cadavers. All information will be catered to be applicable in a shelter medicine setting.

### LVT TRACK TOOLS & TIPS FOR TRANSPORT TECHNICIANS—PART 2

*Brian DiGangi, DVM, MS, DABVP (Canine & Feline Practice, Shelter Medicine Practice), ASPCA*

*Karen S Walsh, LVMT, CAWA, CFE, ASPCA*

See [previous description](#).

### BEH TRACK SEPARATION ANXIETY

*Erica Feuerbacher, PhD, CAAB, BCBA-D, Virginia Tech University*

Separation related problem behavior (SRPB) is a large category of behaviors, including separation anxiety. SRPB is one of the most problematic behavioral issues for owners, with it being the most referred behavioral issue after aggression to behaviorists. It is also quite common, with reports of 20-50% of the dog population showing SRPB issues at some point in their life. Given its severity and prevalence, identifying dogs in shelters that are at-risk for SRPB could help us make better adoption matches, as well as thoughtfully allocate our behavior resources to those dogs and adopters. In this session, we will review what is known about SRPB, including its severity and prevalence, current treatments and their efficacy, and then focus on in-shelter tests for predicting SRPB after adoption, as well as what the research tells us about adoption counseling's effects on SRPB after adoption. Attendees should leave with a greater understanding of the behavioral issue, the current state of the science, and considerations for using in-shelter tests to predict post-adoption behavioral issues.

### OPS TRACK "UGH, I JUST DON'T KNOW WHAT TO DO ANYMORE": ADDRESSING DECISION FATIGUE IN ANIMAL SHELTERING—PART 2

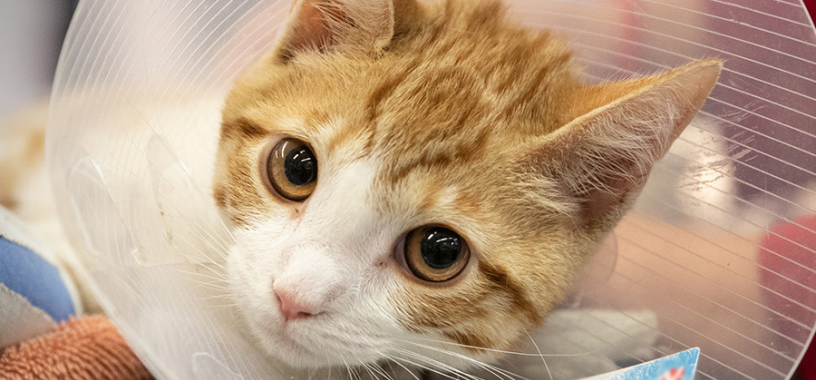
*Erin Doyle, DVM, DABVP (Shelter Medicine Practice), ASPCA*

See [previous description](#).



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## SATURDAY, JULY 16

4:00 PM-5:00 PM

### **DVM TRACK** POINT-OF-CARE ULTRASOUND BASICS

*Denaé Campanale, DVM, MPH, Cornell University Hospital for Animals*

This session will provide an introduction to point-of-care (i.e. AFAST and TFAST) ultrasound skills and interpretation using handheld, mobile, or otherwise small portable ultrasound machines. Attendees will learn how to identify and interpret thoracic abnormalities (pleural fluid, b-lines) and basic abdominal ultrasound anatomy and abnormalities.

### **DVM TRACK** LOCOREGIONAL TECHNIQUES IN A SHELTER MEDICINE SETTING—LAB B\*

*Kelly Chen, DVM, Cornell University College of Veterinary Medicine*

*Cheyenne J. Cannarozzo, DVM, Cornell University College of Veterinary Medicine*

*Ella M. Pittman, DVM, Cornell University College of Veterinary Medicine*

This lab will include demonstrations on how to perform said locoregional techniques in cadavers. All information will be catered to be applicable in a shelter medicine setting.

### **CROSS TRACK** ASSESSING CANINE WELFARE & IMPLEMENTING INTERVENTIONS THAT IMPROVE WELFARE

*Lisa Gunter, PhD, CBCC-KA, Arizona State University*

In this session, we will explore how we can assess canine welfare in the animal shelter and promising measures found across the scientific literature that can help us better understand dogs' experiences. I will also describe recent studies undertaken by our research team that have investigated the effects of certain types of housing and social interaction on the welfare of shelter dogs and how these interventions can be implemented to improve the lives of dogs in your shelter.

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## SUNDAY, JULY 17

8:30 AM-9:30 AM

### **DVM TRACK** PRINCIPLES OF WOUND MANAGEMENT

*Daniel Lopez, DVM, DACVS, Cornell University College of Veterinary Medicine*

In this session, we will review the principles of wound management from a clinical perspective. We will utilize the 3 stages (and substages) of wound healing as a framework to help understand why we perform certain interventions (eg. debridement, honey dressings, bandages, etc) at certain times, and review guidelines for when we need to surgically intervene. Attendees will gain an increased understanding of decision making surrounding open wound management.

### **CROSS TRACK** BEHAVIOR ASSESSMENTS IN THE SHELTER: WHAT DOES THE SCIENCE SAY?

*Lisa Gunter, PhD, CBCC-KA, Arizona State University*

During their stay in the animal shelter, dogs will likely experience assessment of their behavior, whether that's a formal procedure with an evaluation, informal observations made by staff and volunteers, or a combination of the two. Assessing a dog's behavior can help us meet the dog's needs in the shelter, and such information can guide us in placement choices and adopter support. This session will review the recent literature on behavior assessments and conclude with suggestions on how to proceed in this critical and complex issue of observing and interpreting canine behavior in the animal shelter.

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## SUNDAY, JULY 17

9:45 AM-10:45 AM

### **DVM TRACK** ADVANCED SURGICAL RECONSTRUCTION TECHNIQUES

*Daniel Lopez, DVM, DACVS, Cornell University College of Veterinary Medicine*

This session will build on the earlier session of Principles of Wound Management by reviewing different surgical techniques available for reconstruction of large open wounds (either chronic or those created by the surgeon for treatment of a primary condition). We will review the principles of subdermal plexus flaps, axial pattern flaps, and skin grafts and emphasize tips for success with each technique. Attendees will gain an increased understanding of the principles behind the success of advanced wound reconstructions, and an awareness in how to prepare for the completion of these techniques.

### **BEH TRACK** CANINE ENRICHMENT IN THE SHELTER: IMPLEMENTING EVIDENCE-BASED BEST PRACTICES

*Lisa Gunter, PhD, CBCC-KA, Arizona State University*

*Erica Feuerbacher, PhD, CAAB, BCBA-D, Virginia Tech University*

In recent years, animal sheltering organizations have increased their focus on improving the welfare of animals in their care. One component of this is the use of enrichment interventions. In this session, we will explore the evidence for various types of enrichment that can broadly be categorized as social interaction, object enrichment, sensory stimulation. We will discuss how these interventions can be assessed and how staff/volunteer efforts can be used to achieve programmatic success.

### **OPS TRACK** TOUGH CHOICES: THINKING ABOUT THE SHELTER'S ROLE IN ANTIMICROBIAL STEWARDSHIP

*Elizabeth Berliner, DVM, DABVP (Shelter Medicine Practice), Cornell University*

Antimicrobial stewardship is a systematic approach to improving the use of antimicrobials in people and animals in order to improve clinical outcomes and minimize adverse effects. In both human and veterinary medicine, the development of antimicrobial resistant organisms threatens to impact individuals and populations. In this session we will review several of the best practice and guidelines documents from other clinical settings to discuss how this work informs our treatment choices in shelters and shelter clinic populations.



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## SUNDAY, JULY 17

11:00 AM-Noon

### **DVM TRACK** NEW & NOTEWORTHY: HIGHLIGHTS FROM THE PAST YEAR'S PUBLICATIONS

*Stephanie Janeczko, DVM, MS, DABVP (Canine & Feline Practice, Shelter Medicine Practice), CAWA, ASPCA*

*Lena DeTar, DVM, MS, DACVPM, DABVP (Shelter Medicine Practice), Cornell University*

Shelter Medicine is a rapidly growing field and each year our knowledge expands. With literally hundreds of relevant papers published in dozens of journals it can be hard to stay on top of everything. That's where this session comes in! We'll highlight the top interesting, important, or otherwise noteworthy research on shelter medicine and community animal health that has been published in the field of shelter medicine and community animal health over the last year. We'll also share some details about the upcoming launch of a journal dedicated solely to these topics.

### **BEH TRACK** BEHAVIOR CASE STUDIES

*Rebecca Lohnes, CPDT-KA, Young Lions Training and Behavior*

*Alex Ferrente, CPDT-KA, Young Lions Training and Behavior*

Science and practice come together in case studies—where the rubber meets the road! This session will discuss feline and canine cases from both shelters and homes. Discussion will touch on the science behind the behavior modification techniques used and give tips for coaching and supporting “regular” people who are struggling with their animal's behavior.

### **OPS TRACK** HOW TO TRANSLATE THE MODELING OF FREE-ROAMING CAT MANAGEMENT TO THE REAL WORLD: STRATEGIC TRAP-NEUTER-RETURN

*Margaret Slater, DVM, PhD, ASPCA*

An interdisciplinary team of animal welfare professionals, wildlife experts, veterinarians, economists, and others developed a robust, realistic computer simulation model of free-roaming cat population (FRC) dynamics. The model considered several common approaches: Trap-Neuter-Return (TNR), removal for adoption, removal for euthanasia, removal with a combination of adoption and euthanasia, combined TNR and adoption, episodic culling, and taking no action. This session will translate modeling results into lessons that you can take back to your community to help improve the effectiveness of humane FRC population management in both population impact and cost using a combination of discussion and presentation.

# Shelter Medicine Conference

July 15-17, 2022

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## SUNDAY, JULY 17

1:00 PM-2:00 PM

### **DVM TRACK** NEW & NOTEWORTHY:

#### **HIGHLIGHTS FROM THE PAST YEAR'S PUBLICATIONS—PART 2**

*Stephanie Janeczko, DVM, MS, DABVP (Canine & Feline Practice, Shelter Medicine Practice), CAWA, ASPCA*

*Lena DeTar, DVM, MS, DACVPM, DABVP (Shelter Medicine Practice), Cornell University*

See [previous description](#).

### **BEH TRACK** BEHAVIOR CASE STUDIES—PART 2

*Rebecca Lohnes, CPDT-KA, Young Lions Training and Behavior*

*Alex Ferrante, CPDT-KA, Young Lions Training and Behavior*

See [previous description](#).

### **OPS TRACK** PRECONCEPTIONS THAT CAN LIMIT ACCESS TO VETERINARY CARE: LOOKING BEHIND THE CURTAIN

*Margaret Slater, DVM, PhD, ASPCA*

There are widely, although not universally, held potentially inaccurate, perceptions about clients, patients and veterinary practice that ultimately reduce access to veterinary care. This session will discuss the predicted impact of a low cost veterinary clinic on a full cost clinic in the same community, the general health of pets belonging to homeless individuals, and the importance of veterinary communication in this light.

2:15 PM-4:30 PM

### **CROSS TRACK** BALANCING MEDICAL & BEHAVIORAL WELL-BEING IN SHELTER ANIMALS

*Erin Doyle, DVM, DABVP (Shelter Medicine Practice), ASPCA*

*Melanie Benetato, VMD, MS, ASPCA*

*Rachel Maso, CPDT-KA, ASPCA*

*Sydney Barston Queen, MSc, CPDT-KA, ASPCA*

Supporting the welfare of shelter animals requires a holistic approach to their well-being. Physical and emotional health are each critical and are fully entwined. Strategies to support shelter animal well-being involve all of us, and all sheltering roles. Join us to recognize why and how we can help our shelter animals to be happy and healthy, including case examples and a group discussion to learn all of our tips and tricks!