

To Animal Welfare Professionals,

Welcome to the 2004 Midwest Veterinary Conference. This year's program is being brought to you through the generosity of The Kenneth A. Scott Charitable Trust, a Key Bank Trust, and the Ohio Animal Health Foundation.

These two organizations recognize the importance of networking, and developing a "culture" of trust and cooperation between all the participants in the care and welfare of all the animals we serve. As our potential expands, our need for "teamwork" becomes more obvious.

The recent passage of the new state "Cruelty" Bill serves to remind us all of the obligation we have to safeguard the animals in our communities. The "Public" expects more from us. We are the first line of defense against inhumanity to animals. We can best fulfill our obligations by expanding our horizons and developing a network that works efficiently and quickly.

The Ohio Veterinary Medical Association (OVMA), Kenneth Scott Trust and the Ohio Animal Health Foundation recognize the financial restraints that some organizations have to work under. A "scholarship" fund has been developed that will help bring some less than economically flush participants to the big show here in Columbus.

The Community Awareness/Animal Advocacy Track brings some of the best and the brightest speakers from around the country. We hope that you enjoy these discussions. Your participation is a pivotal part of our networking potential and our capacity to truly care for the welfare needs of the animals in our communities.

In our quest to bring you the most timely and pertinent CE in the field, we need to hear from YOU. Let me extend a personal invitation to any one interested in becoming more active in the development of this conference to contact me through the OVMA office or via e-mail (Bforsgren1@aol.com).

Thank you again for your support and interest.



Scholarship Assistance Available

Scholarship assistance is based on economic need on a limited basis for animal shelter/humane society personnel. Please contact the OVMA office for an application and further information.

Ohio Veterinary Medical Association

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Schedule At A Glance

Wednesday, 2.25.04

Registration Open 4:30 pm – 6:30 pm

Thursday, 2.26.04

Registration Open 7:00 am – 6:00 pm
Concurrent Sessions 8:00 am – 5:30 pm
Exhibit Hall Open 12:00 pm – 6:00 pm
Evening Sessions 6:00 pm – 8:30 pm

Friday, 2.27.04

Registration Open 7:00 am – 6:00 pm
Concurrent Sessions 8:00 am – 5:30 pm
Exhibit Hall Open 11:30 am – 7:30 pm
Welcome Reception 5:30 pm – 7:30 pm

Saturday, 2.28.04

Registration Open 7:00 am – 6:00 pm
Concurrent Sessions 8:00 am – 5:30 pm
Exhibit Hall Open 9:00 am – 6:00 pm
MVC LIVE! Featuring the
Second City National Touring
Company 6:30 pm – 9:30 pm

Sunday, 2.29.04

Ecumenical Worship Service 7:00 am
Registration Open 7:30 am – 2:00 pm
Concurrent Sessions 8:00 am – 5:00 pm
Exhibit Hall Open 9:00 am – 1:30 pm
Lunch with Dr. Kevin Fitzgerald
of Animal Planet 12:00 pm – 1:30 pm

2.28.04 - Experience the debut of MVC LIVE! with *The Second City*



On Saturday evening, February 28, 2004, be a part of the "new" Saturday night invasion of **entertainment** as MVC LIVE! debuts with the presentation of Second City National Touring Company. Performing a special medley of classic scenes, songs, improvisation and scenes created just for the MVC, Second City will take you through a 2-act show of **highly charged and wildly funny comedy**. The cost to attend is \$25.00 per person. **Sponsored in part by Pfizer Animal Health.**

2.29.04 - Have Lunch with Dr. Kevin Fitzgerald with Emergency Vets on Animal Planet

Bayer 



"The hardest working veterinarian in show business!"

You may know Dr. Kevin Fitzgerald as the star of Animal Planet's "Emergency Vets," but there is much more to him. In addition to being a full-time veterinarian, Dr. Fitzgerald has also been performing stand-up comedy on an almost nightly basis since 1986. He is a regular at the famed Comedy Works in Denver, one of the top ten clubs in the country. Join us in welcoming Dr. Fitzgerald to the MVC during his lunch presentation on Sunday, February 29.

HOTEL ACCOMMODATIONS

For further information, please review the full list of hotel information at www.mvcinfo.org

SESSION DESCRIPTIONS

Thursday, February 26

Animal Behavior

8:00-9:00 AM 120

Generalized Anxiety in the Dog: What Is It, and Why Is It Important?

Dr. Ilana Reisner

Generalized anxiety disorder (GAD) in human patients is characterized by chronic anxiety and worry, restlessness, a tendency to be easily fatigued, difficulty in concentrating, and irritability. Generalized anxiety contributes to a variety of veterinary behavior problems, ranging from aggression to destructiveness. This session will cover how the management of acute or chronic anxiety in dogs may be accomplished with a combination of behavior modification and avoidance of anxiety-inducing stimuli. Discussion will also consider that drug therapy is often required because of the difficulty of identifying, controlling or avoiding all relevant stimuli.

9:15-10:15 AM 121

Use of Behavioral Drugs for Canine Aggression

Dr. Ilana Reisner

As an adjunct to safety precautions and behavior modification through learning, behavioral medication can be a useful tool in the management of canine and feline aggression. Psychopharmacologic agents are used primarily for the reduction of anxiety and arousal, which often contribute to biting. Anxiety can also override or inhibit learning so that temporary anxiolytic therapy is needed in order to help with re-training. The indications, use, benefits and potential side effects of anti-anxiety, anti-depressant and other psychotropic agents will be discussed.

10:30-11:30 AM 122

Understanding and Prevention of Canine Aggression to Children

Dr. Ilana Reisner

Children are the primary targets of all reported dog bites. Because reported injuries require a visit to a hospital emergency room, reported bites represent only a small percentage of the total number of bites that occur annually in the United States. Toddlers and school-age children are at high risk because of their small size and quick movements. Compounding these risks, children are more likely than adults to be bitten in the face and head. The epidemiology, characteristics and prevention of aggression to children will be discussed.

1:00-2:00 PM 123

Diagnosis, Characteristics and Management of Inter-dog Aggression

Dr. Ilana Reisner

Aggressive behavior between dogs may be a manifestation of fear, anxiety, territorial defense, social dominance, illness or other problems. Dogs may threaten or fight with other household pets, or they may be aggressive primarily to unfamiliar dogs outdoors during walks. The stress and potential injury of such altercations can significantly impair quality of life for both dogs and owners. The diagnosis and management of inter-dog aggression, including avoidance of provocations, safety practices, and behavior modification through learning and, at times, drug therapy, will be discussed.

2:15-3:15 PM 124

The Way to a Pet's Heart: Pica and Ingestive Behavior Problems in Dogs and Cats

Dr. Ilana Reisner

Abnormal eating and drinking behaviors can be quite troubling to owners and may pose health risks to pets. Although the clinical signs of such disorders are similar (typically excessive or aberrant feeding or drinking), they may stem

from a variety of causes. Abnormal ingestive behavior is secondary to a general medical condition and must be distinguished from attention-seeking or other primary behavior problems. The presentation, diagnosis and management of the most common canine and feline eating disorders will be addressed, including anorexia, obesity, coprophagia (stool-eating) other forms of pica (ingestion of non-food items), and psychogenic polydipsia.

4:00-5:00 PM 125

Rude Awakenings: Diagnosis and Management of Aggressive Behavior in Cats

Dr. Ilana Reisner

Aggression is the second most common behavior problem reported in cats. The most common primary behavioral motivations for aggression include fear and territorial defense. Feline aggression can be directed towards any member of the household (of any species), including people, dogs or other cats, or towards unfamiliar targets. Typically severe and sudden, it may involve apparently unprovoked attacks from the owner's point of view. Diagnosis, prevention and management of feline aggression to humans and other cats will be discussed.

Public Health

1:30-2:30 PM 127

The Role of the Veterinarian in Homeland Security – Are You Prepared?

Dr. Ty Vannieuwenhoven

Veterinarians have always played a role in securing our country against bioterrorism, foreign animal disease and other threats. But since 9/11, this role has been pushed to the forefront and not everyone has a full understanding of the veterinarian's role. What is the veterinarian's role in risk communication? How do you participate in a disease response? These questions and others will be answered as participants discuss topics such as the mitigation of biological events, biosecurity measures, foreign animal disease awareness and reporting of anomalous events.

3:15-4:15 PM 128

The National Plan for Response to an Animal Disease Outbreak – Where Do You Fit In?

Dr. Ty Vannieuwenhoven

What is the risk and impact of an animal disease outbreak? What are the authorities of the USDA and the States to do with such an event? What is the role of the Department of Homeland Security and other federal agencies? These questions and topics are important areas for veterinarians and their practices to know and understand. Attendees will learn about the relationship between agriculture and emergency management at the local, state and national level, the resource needs be to respond to a large-scale event and the roles for veterinarians in such a response.

4:30 – 5:30 PM 129

The Status of Permitting Large Livestock Farms: Environmental & Health Issues

Mr. Kevin Elder

The type and number of operations being inspected will be discussed along with reports on recent findings. Surface and ground water quality monitors will also be explored. Attendees will learn about the status of air and health perimeter testing during this session as well.

Community Awareness

8:30-9:30 AM 130

Pediatric Spay/Neuter: Surgical and Anesthetic Consideration

Dr. Leslie Appel

Pediatric spay/neuter is safe and effective and these procedures are essential in the shelter environment and help reduce companion animal overpopulation. This session will first address the history and concerns surrounding pediatric neutering and highlight recent scientific studies. Surgical procedures and anesthetic considerations will be discussed in detail for pediatric ovariectomy and castration in both the canine and feline patient.

9:45-10:45 AM

Mobile Spay/Neuter: An Effective Alternative for the Shelter Community

Dr. Leslie Appel

This presentation will discuss the nuts and bolts of how to start a mobile spay/neuter program, as well as how to implement high quality surgical and anesthetic standards. Focus will be placed on ways to work with the local shelter community. The speaker will also describe and highlight a successful new program called Shelter Outreach Services, which is located in the Fingerlakes region of upstate NY.

11:00 AM -12:00 PM 132

Assessment of Stress Levels Among Cats in Animal Shelters Using Urine Cortisol Levels & a Behavioral Assessment Score

Dr. Emily McCobb

This session will review stressors for cats confined in animal shelters as well as strategies for stress reduction. Results of a study comparing physiological and behavioral stress among cats in the Boston area animal shelters will be presented and used to frame a discussion of methods for stress assessment.

1:30-2:30 PM 133

(Session Continuation 3:15-4:15 PM)

Animal Hoarding—A Man-Made Disaster for People & Animals

Dr. Gary Patronek

The cause of animal hoarding is not completely understood and it happens all too often. But because hoarders often use the services of veterinarians, veterinarians can help identify the problem if they understand the issue of hoarding. In the first part of the session, a description of hoarding will be provided with an explanation as to the extent of the problem. The discussions will also cover the impact of hoarding on animals, people and communities as well as the psychological and behavioral origins of hoarding. In the latter section, attendees will learn about what factors make for a successful mass rescue in addition to developing an understanding of excuses used and how to manage effective media portrayal. The session will also cover sentencing, negotiated agreements and benefits of a task force.

4:30 – 5:30 PM 134

Veterinary Philanthropy

Drs. Gary Block, Brian Forsgren, Barry Kipperman, Gary Patronek, James Pruetter and Mr. Bernard Rollins, Ph.D.

The veterinary reputation portrays veterinarians as those who truly care about animals. Public enthusiasm over the welfare of all animals demands that the profession actually live up to the image implicit in our cherished reputation. But why are veterinarians under such pressure to "give," and is this pressure real or imagined—fair or unfair? Are veterinarians obligated to make philanthropic contributions for animals as they are supposed to do for the church, environment, international relief, etc? What does the public perceive as a "contribution"? Are we making contributions in hidden ways that no one sees? Join this panel in examining a "positive energy" approach to handling specific animal welfare issues and facilitating cooperation between humane groups and animal control, while exploring the philanthropic role of the veterinarian further. This panel will help to answer what it means to be a part of a "caring profession" and what the real benefits are of living up to the veterinary reputation.

Equine

1:30-2:30 PM 138

Equine Psychology and Its Application to Veterinary Practice I The Revolution in Horsemanship

Dr. Robert M. Miller (R.M.M.)

The art and science of horsemanship is changing rapidly and equine veterinarians must be aware of it. The horse is the easiest of all domestic animals to control behavior, if one knows how. These skills are not being taught in veterinary schools, but the information is readily available.

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3:15–4:15 PM (Session Continuation 4:30–5:30 PM) Equine Psychology and Its Application to Veterinary Practice II: Ten Unique Characteristics of Equine Behavior Dr. Robert M. Miller (R.M.M.) There are ten equine characteristics that are genetically predetermined. Understanding them is essential to getting along with horses. The horse is the ultimate prey creature and humans are the ultimate predator, yet compatibility is possible.	139	10:30–11:30 AM Walking the Talk: Making the Veterinary Clinic A Behaviorally Friendly Place Ms. Suzanne Hetts, Ph.D. A veterinary practice that subscribes to the notion that monitoring behavioral health is an integral part of providing total wellness care must strive to make the practice itself a behaviorally friendly place. How the practice handles patients speaks volumes to clients about the practice, and influences their trust and loyalty. Learn how to make veterinary visits less stressful for pets and less dangerous for staff by using behavioral knowledge to guide handling procedures and improve hospital configuration.	232	9:45–10:45 AM Animal Handling Principles to Reduce Stress Ms. Temple Grandin, Ph.D. This session will look at flight zone, point of balance, distractions, troubleshooting problems with handling and the detrimental effects of not handling animals properly. Attendees will learn how to trouble shoot animal handling facilities to improve animal movement as well as methods to reduce stress on animals during handling and how genetic factors affect stress. Attendees will also learn tips on how to improve facilities for handling animals.	243
Food Animal		1:00–2:00 PM Dr. Nicole Kelly	233	11:00 AM–12:00 PM Understanding the Animal Welfare Issue Ms. Temple Grandin, Ph.D. Why is the animal welfare issue important? This session will look at restaurant audits of slaughter plants and audits of farms and how to audit farms for animal welfare.	244
8:30-9:30 AM Update on Johne's Disease Diagnostics Dr. Beverly Byrum In this session, a new rapid method for fecal culture using PCR techniques will be discussed. Attendees will come away with a better understanding of interpreting serological tests. Further, the basics of herd risk assessments shall be covered.	142	2:15–3:15 PM Dr. Nicole Kelly	234	1:30-2:30 PM Medical Records and Informed Consents Drs. Charlotte Lacroix, Barry Kipperman, James Prueter, Marsha Heinke, Charles Neer, Gary Block and Mr. Bernard Rollin, Ph.D. Veterinarians, practice managers and staff need to know how to keep and maintain proper medical records on their clients. Do you have a duty of confidentiality to your clients? If a client asks you for a copy of "Spot's" records, do you know how much time you have to respond to that request? Should you give the originals or copies to clients? This presentation is part lecture, part "wet-lab." Attendees will also get an overview of the use of consent forms in veterinary practices. This entails an explanation of 1) the different types of authorizations; 2) the reasons for requiring consents; 3) the components of legally enforceable consents; 4) the problems in obtaining consents, and 5) the elements of a "Consent for Treatment."	245
9:45-10:45 AM Bovine Viral Diarrhea: Infection, Diagnosis & Control Dr. Yan Zhang Bovine viral diarrhea (BVD) and mucosal disease (MD) is caused by a BVD virus (BVDV). Cattle of all ages are susceptible to BVDV infection with wide spectrum of clinical outcome. Because of the economical impact of BVD/MD on the cattle industry, quick and accurate diagnosis of BVDV infection is an important part in the control. In this presentation, the author will discuss the pathogenesis and epidemiology and how the recent development in diagnostic techniques can be used in the prevention and control of BVDV infection.	143	4:00–5:00 PM Teaming Up: How to Utilize Your Veterinary Technician in Your Hospital's Behavior Health Program Ms. Julie Shaw, RVT The success of a hospital's behavior health program may be directly related to how well it utilizes veterinary technicians in the treatment and prevention of behavior problems. This lecture will discuss the role of the veterinarian and the technician in treatment of behavior problems. Attendees will learn how to improve the efficiency of behavior consultations and client compliance in addition to learning about different types of technician driven behavior problem prevention programs that can be developed in the practice.	235	Public Health	
Friday, February 27		8:30-9:30 AM SARS & Monkeypox, 2002 Zoonotic Disease Challenges Drs. Linda Saif and Kathleen Smith There is a need for veterinarians to pursue careers in public health and to be involved in investigations on newly emerging zoonotic infections. This session will cover this lesson as learned from SARS. SARS is a newly emerged respiratory coronavirus infection of humans with potential similarities in pathogenesis to other animal respiratory coronaviruses. Discussion will cover how SARS is likely a zoonosis with wildlife reservoir.	236	3:15-4:15 PM (Session Continuation 4:30-5:30 PM) Medicine, Business & Ethics: Fundamentally Incompatible? Drs. Charlotte Lacroix, Barry Kipperman, James Prueter, Marsha Heinke, Charles Neer, Gary Block and Mr. Bernard Rollin, Ph.D. If practicing veterinary medicine was only about providing quality medical care, life would be easy. Too often, medical decisions are complicated by "doing the right thing." For example, 1) a pet's new owner requests to see the pet's medical records when it was owned by a former owner; 2) a kennel calls your office about one of its boarders that has bitten a kennel worker and wants to know if the dog had a rabies shot; or 3) you see a case treated by your colleague that is clearly malpractice and the client wants to know what went wrong. Ethical decision making is often challenging and this presentation will present some tools to facilitate the process.	246
Pet Animal Surgery & Gastroenterology		9:45-10:45 AM Update on Mosquito-borne Diseases Dr. Robert Restifo This session will discuss the 2003 occurrence of mosquito-borne diseases in the U.S. and Ohio, such as West Nile Virus, La Crosse, St. Louis and Eastern Equine Encephalitis.	237	Equine	
4:00–5:00 PM Senior Wellness Programs in Practice Dr. Todd Tams Animal hospital support staff play an extremely important role in successful implementation of a senior wellness testing program. Why are senior wellness programs important? What tests should be included? Case examples will be highlighted.	211	11:00 AM-12:00 PM Updates on Tick-borne Diseases Mr. Richard Gary, Jr. Each year as spring approaches, ticks become active again. People and pets spending time outdoors in wooded or weedy places are exposed to ticks and, possibly, tick-borne diseases, such as Rocky Mountain Spotted Fever, Lyme Disease, and Ehrlichiosis. This session will provide an overview of the geographic and seasonal distributions of major tick species found in Ohio. In addition, an update of tick-borne diseases in humans will be provided based on data collected by the Ohio Department of Health Vector Borne Disease Program.	238	8:30-9:30 AM Equine Psychology and Its Application to Veterinary Practice III: How Horses Learn Dr. Robert Miller (R.M.M.) In this session, attendees will learn about conditioned responses and reinforcement, desensitization techniques and the dominance hierarchy. It will also focus on getting the horse to see the veterinarian as a leader rather than as a predator.	247
Animal Behavior		8:00–9:00 AM A Foolproof Formula for Better Pet Behavior Ms. Suzanne Hetts, Ph.D. Veterinarians will want to impart this five-part formula to all of their clients. When clients want the non-existent "quick fix" for behavior problems, or when it isn't clear what information to give, participants can fall back on these basic principles. These are part of most all behavior modification plans, and should be an integral part of the problem prevention information given to all new pet owners.	230	9:45–10:45 AM Equine Psychology and Its Application to Veterinary Practice IV: Early Learning Dr. Robert Miller (R.M.M.) What is a precocial species? Attendees will learn about using this knowledge to shape foal behavior at birth, creating future cooperative patients. A dramatic example of what can be done will be presented.	248
9:15–10:15 AM Bite Safety and Behavior Training in the Veterinary Clinic—Lessons from a Lawsuit Ms. Suzanne Hetts, Ph.D. If a staff member was bitten by a patient, how would the practice stand up against an allegation the practice didn't provide proper training? What training does the practice provide to staff about animal behavior? What instructions are staff given regarding handling fractious or aggressive animals? What kind of documentation and communication among staff about patient behavior is standard operating procedure for the practice? Learn what kinds of staff behavioral training, behavior assessment procedures and behavioral record keeping should be essential to protect staff and the practice while delivering better behavioral care to patients.	231	8:30–9:30 AM Animal Agriculture & Emerging Social Ethics for Animals Mr. Bernard Rollin, Ph.D. This session will explore the nature of emerging new ethical thinking that underlies and shapes social changes in thinking about animals in society. Today's social consensus is one of concern for animal suffering and treatment. The implications of such thinking and its effects on animal agriculture will be discussed.	242		

11:00 AM-12:00 PM 249
Equine Psychology and Its Application to Veterinary Practice V: Questions, Answers, & Problem Solving
Dr. Robert Miller (R.M.M.)
This session will be a case-based discussion of difficult patients made cooperative. The session will give attendees an opportunity to bring questions and discuss their answers.

Staff Development I

9:45-10:45 AM 282
(Session Continuation 11:00 AM-12:00 PM)
Safety Issues for the Veterinary Hospital Staff
Mr. Philip Seibert, CVT
This session is an upbeat presentation about the common hazards of a veterinary hospital and ways individuals can avoid unnecessary risk. It will discuss the general principles of safety, prevention of zoonotic diseases, precautions for working with chemicals, worker rights and responsibilities and much, much more! Participants will learn the safety "do's and don'ts" of the common procedures for a veterinary hospital worker. Attend this session to find out your specific rights and responsibilities in a safety program and discover new and updated information on the hazards faced by everyone.

1:30-2:30 PM 283
(Session Continuation 3:15-4:15 PM & 4:30-5:30 PM)
Successful End of Life Care...It takes a Team
Dr. Shane Bateman & Ms. Jennifer Brandt, Ph.D.
(Limit 25, ticket required)
This limited enrollment session will focus on empowering all members of the veterinary team to confidently and successfully support clients through the end of life decision making and planning process. Special situations to be discussed include discordant client-veterinarian relationships, clients at risk for complicated grieving, and optimizing the client-present euthanasia experience.

Saturday, February 28

Animal Behavior

8:00-9:00 AM 325
Cognitive Dysfunction Syndrome: Rational Diagnostic Approach and Treatment
Dr. Elizabeth Shull
Cognitive Dysfunction Syndrome (CDS) is a progressive neurodegenerative disorder, which affects both dogs and cats. The primary emphasis of this session will be to illustrate the underlying neuropathology and describe the possible pathophysiology and a variety of behavioral abnormalities that may be manifestations of CDS. There is no cure, but the pharmacological, dietary and behavioral treatments that may ameliorate the signs will also be discussed.

9:45-10:45 AM 326
(Session Continuation 11:00 AM-12:00 PM)
Neurological Disorders Presenting as Behavioral Problems
Dr. Elizabeth Shull
Behavioral changes are frequently the earliest and sometimes the only sign of neurological disease. Discriminating between neurological and behavioral disorders can be clinically challenging. This talk will discuss the neurological disorders that may present primarily as behavioral problems and will provide a clinical diagnostic approach to help identify the underlying neurological abnormality. Prognosis and treatment will also be discussed.

1:30-2:30 PM 327
Diagnosis and Management of Bizarre Episodic Behavior: Compulsions, Self-mutilation & Hallucinations
Dr. Elizabeth Shull
Categories of compulsive behaviors in dogs and cats and their typical manifestations will be described and illustrated. Neurochemical and environmental correlates of stereotypes and compulsive behavior disorders will be presented.

Clinical diagnosis and management of pets with compulsions will be illustrated with case histories.

2:45-3:45 PM 328
Fears, Anxieties and Phobias: What's New in Separation Anxiety and Noise Phobias?
Dr. Elizabeth Shull
Fear-related behavior problems are common in dogs and cats. Some fears are adaptive while others, such as separation anxiety and noise phobias, appear to be maladaptive. The basis of fear disorders will be discussed and the clinical diagnosis and state-of-the-art treatment for two common fear disorders in dogs and cats, noise phobia and separation anxiety, will be presented and illustrated with case history examples.

4:00-5:00 PM 329
Dealing with Rambunctious Pets: Methods for Preventing and Managing Pestering, Hyperactivity and Rough Play
Dr. Elizabeth Shull
Dogs and cats, and puppies and kittens that are viewed as hyperactive by their owners are at risk for being relinquished to animal shelters. The veterinary profession often underestimates the impact of the rambunctious pet on the human/animal bond. This talk will describe the categories of "hyperactivity" and rambunctious behavior, discuss differentials and provide guidelines for prevention and management of annoying, "hyperactive" behaviors.

Public Health

3:15-4:15 PM 334
Bioterrorism Awareness: Companion Animal Zoonotic Agents
Dr. Charles Neer
Historically infectious disease outbreaks are first recognized at the local level. In some diseases, clinical signs may manifest in animals prior to humans. Pets can act as sentinels to alert veterinarians to an unusual disease. As veterinarians, we should prepare ourselves by knowing what agents could be used in bioterrorism, signs to look for, and who to call if an intentional release of a biological agent is suspected. Discussion will include the generalities of bioterrorism, zoonotic agents, disease control, government agencies involved in preparing and protecting our communities and the veterinarian's responsibility.

Community Awareness

8:30-9:30 AM 336
Veterinary Compassion Fatigue Profile
Ms. Tracy Zapanick
The veterinary profession is considered a "compassionate" profession, but what is it that can cause veterinary professionals to feel burned out, stressed, etc.? By attending this session, participants will be able to identify the path of veterinary professionals toward compassion fatigue, while reviewing the causes of this situation in veterinary medicine. Additionally, participants will understand the utility of compassion fatigue symptoms and will have the opportunity to score a self-assessment for compassion fatigue, compassion satisfaction and burnout.

9:45-10:45 AM 337
Compassion Fatigue Resiliency and Prevention – I
Ms. Tracy Zapanick
Simply understanding that compassion fatigue is a potential career hazard is helpful in avoiding this situation. By attending this session, participants will be able to identify the different types of grief and loss and identify specific behaviors and attitudes that assist in sustaining longevity in the animal care profession with minimal suffering of job-related symptoms. Additionally, participants will develop an understanding of the importance of intentionality in developing and maintaining resiliency with compassion fatigue.

11:00 AM-12:00 PM 338
Compassion Fatigue Resiliency and Prevention – II
Ms. Tracy Zapanick
Building upon the information presented in Part I, participants will be able to identify the skills necessary for personal and professional planning towards prevention and resiliency of compassion fatigue in animal care contexts. Participants will develop a Professional Compassion Fatigue Resiliency Plan and a Systemic Prevention and Resiliency Plan.

1:30-2:30 PM 339
(Session Continuation 3:15-4:15 PM & 4:30-5:30 PM)
Evaluation of Animals and Their Environment: The Basics for Humane Agents
Dr. Leslie Sinclair
This session will cover the accurate identification and description of animals as well as the basic evaluation of animals, including recognition of emergency conditions. Additionally, discussions will cover the evaluation of environmental conditions.

Community Awareness II

10:00 AM-12:00 PM 340
The Relationship Between Practitioners & Specialists
Drs. Brian Forsgren and Tom Mann
Managing the potential delivery of advanced care is a complicated issue. The range of emotions on the subject is vast. The profession was made famous by the works of James Herriott. The public trusts us implicitly. As times have changed, we, too, must change. Relationship between the generalist and the specialist is an important evolving phenomenon in our profession. No one individual can know it all. A team approach of dedicated individuals is the basis for most adequately serving the human animal bond. This evolution of veterinary care delivery necessitates a well thought out dialogue between the general and specialty practitioner. In this session, a broad ranging group of veterinary professionals will have an opportunity to discuss the promise and pitfalls involved in this relationship. Understanding the dynamics of this emerging phenomenon will help all of us take our capacity to serve our patients and clients to a new level. Concepts to be discussed in this session include: 1)client-patient relationship - who says what?; 2)Dr. Ed Donovan's 90% rule -demographics of health service choices; 3)Health care choices — myth or reality?; 4)Paternalism (Maternalism) - good or bad?; 5)Etiquette - intraprofessional respect issues; 6)Ground rules for managing the emotional, social and psychological aspects of the relationship; 7)Economic realities - making less than alleged "perfect" choices for animal care; 8)Sometimes when you hear hoof beats it really is zebras.

1:30-2:30 PM 341
(Session Continuation 3:15-4:15 PM)
Property, Pets, Companions & Guardians: Oh Yes, Oh My, Oh No!
Drs. Charlotte Lacroix, Barry Kipperman, James Pruefer, Marsha Heinke, Charles Neer, Gary Block and Mr. Bernard Rollin, Ph.D.
Animals have historically been characterized as property under the law, allowing for nominal damages when they have been injured. Today's legal landscape is changing and nationwide there is a rapid movement to recognize the monetary value of the human/animal bond. Additionally, communities and states are changing the legal status of animals such that owners have become their guardians. What does all this mean for the veterinary community? Have we gone from crusaders of the human/animal bond to pediatricians? This seminar addresses the complex and challenging issues that are about to "shock" the profession.

4:30-5:30 PM 342
Pet Trusts and Beyond: Helping Owners Plan for the Future
Drs. Charlotte Lacroix, Barry Kipperman, James Pruefer, Marsha Heinke, Charles Neer, Gary Block and Mr. Bernard Rollin, Ph.D.
While veterinarians cannot be expected to know the intricacies involved in estate planning, we will all have

clients who are concerned about the care of their companion animals in the case of their own disability or death. Concerned clients should be referred to a knowledgeable attorney or CPA, but veterinarians can provide an overview of the options that may be available.

Equine

8:30-9:30 AM 343
Management of Mares to be Bred with Cooled or Frozen Semen
Dr. Michelle LeBlanc

In this session, methods for monitoring the estrous cycle will be discussed. Attendees will also learn that evaluation of cooled and frozen semen after breeding can provide clues as to why some mares do not conceive.

9:45-10:45 AM 344
What We Have Learned from a Model of Ascending Placentitis
Dr. Michelle LeBlanc

Evaluation of the placenta and uterine culture from the mare provide evidence for the cause of premature birth. The discussions in this session will focus on identification of the causes and possible treatment modalities.

11:00 AM-12:00 PM 345
Problems Associated with the Postpartum Mare
Dr. Michelle LeBlanc

Treatment for retained placenta varies among veterinarians. This session will present different points of view on the choice of treatment. Additionally, many conditions in the postpartum period are emergencies. Management of these conditions will be reviewed.

1:30-2:30 PM 346
Angular Limb Deformities in Foals – An Update
Dr. David Freeman

Veterinarians, horse owners, and farm managers should work together to formulate a plan for management of angular limb deformities, and base this on an understanding of the growth rate across different joints and the foal's overall conformation. Although surgical treatment is well known for management of these common forms of developmental orthopedic disease, conservative measures can be very effective. The purpose of this presentation is to describe some recent concepts in the management of angular limb deformities in foals.

Technician II

8:00-9:30 AM 373
Creating a Successful Puppy Class Curriculum
Ms. Julie Shaw, RVT

The material for this lecture has been compiled through interviews with both veterinary technicians who have developed successful puppy classes and technicians whose classes were not successful. It will include a detailed promotional plan, class style options, content and financial considerations. At the end of this lecture participants will be able to create a promotional plan for their puppy classes; have a better idea of projected expenses and compensation for puppy classes; and be able to develop a Puppy Class Curriculum.

9:45-11:15 AM 374
A Puppy School Model – Purdue University's ABC Puppy School
Ms. Julie Shaw, RVT

This lecture will incorporate video and photos to demonstrate puppy classes held at Purdue University's Animal Behavior Clinic. Much of the puppy parent orientation material will be discussed along with videos demonstrating normal and abnormal puppy play and specific problem prevention topics covered in the ABC Puppy School. At the end of this lecture participants will be able to differentiate between normal and abnormal puppy interactions; desensitize a puppy to novel situations; and present the most up-to-date training, management and puppy/owner relationship developments to their clients.

1:30-2:30 PM 375
"Can You Hear Me Now?"
Interpreting Canine Communication
Ms. Julie Shaw, RVT

Growling, biting and other aggressive threats are a normal part of the canine communication repertoire. If a veterinary professional can recognize a potentially aggressive situation early in the interaction, they can then make appropriate changes in their actions and in the environment to prevent the dog from escalating its communication to the next level – which may include biting. At the end of this lecture participants will be able to interpret offensive and defensive body language; understand what ritualized conflict behaviors are; and prevent injury by identifying conflict behaviors and reacting appropriately.

3:15-4:15 PM 376
"Don't Touch Me": Behavior Modification Techniques for Cage Protectors and Other Challenging Patients
Ms. Julie Shaw, RVT

It is important to remember that each interaction you have with a patient sets the tone for future interactions. Often a difficult-to-handle patient gets more difficult each time it enters the veterinary hospital. This lecture will focus on problem solving tools for modifying the behavior of these patients and improving your interaction. At the end of this lecture participants will be able to understand basic learning theory; understand basic behavior modification techniques; and receive "real-life" suggestions for modifying the behaviors of difficult patients.

Sunday, February 29

Pet Animal Feline

8:00-9:00 AM 400
Feeding the Cat
Dr. Cynthia Bowlin

What to do with all these foods? Hairball diets, urinary diets, dental diets, sensitive stomach diets, grocery store brands, pet store brands, prescription diets, soft foods, dry foods...the list goes on and on, but what is really best?

Animal Behavior

8:00-9:00 AM 425
(Session Continuation 9:15-10:15 AM)
Thinking Inside the Box:
Feline Toileting and Marking Problems
Dr. Jacqui Neilson

The first objective is to review diagnostic criteria for toileting problems versus urine marking followed by outlining of targeted treatment plans. Additionally, the latest information on treatment modalities such as drug therapy and pheromone therapy will be reviewed.

11:00 AM -12:00 PM 426
Family Feuds: Interdog Aggression
Dr. Jacqui Neilson

In this session, participants will learn to identify the underlying issues that contribute to aggression between pets in the same household. Some cases have issues with unstable hierarchies while others have dogs who are abnormal – both of these will be explored. The session will also include practical tips on how to treat these behavioral issues.

1:30-2:30 PM 427
Canine Housesoiling & Urine Marking
Dr. Jacqui Neilson

By attending this session, participants will learn how to distinguish the underlying motivation for indoor urination and review the elements of housetraining the adult dog. New treatment ideas for the urine marking dog will also be presented.

2:45-3:45 PM 428
Scaredy Cats: Feline Fear
Dr. Jacqui Neilson

The frightened feline can present with a myriad of behavioral abnormalities, including aggression, urine marking and obsessive compulsive disorders. Learn to properly diagnose and treat these fearful cats.

4:00-5:00 PM 429
Recent Advances in Companion Animal Behavior
Dr. Jacqui Neilson

The latest research, presented at national and international meetings will be reviewed. Get the most up-to-date behavioral information available to be on the cutting edge.

Public Health Disaster Medicine

8:00-9:00 AM 430
Emerging Zoonoses
Dr. Corrie Brown

This session will provide an overview of zoonotic diseases that have emerged over the last decade. By attending this session, participants will have a better appreciation for the blurring interface between animal and human health; an understanding of high profile diseases in the news (SARS, monkey pox); and a better awareness of the increasing frequency of new diseases

9:15-10:15 AM 431
Zoonoses from Pets
Dr. Corrie Brown

Attendees of this session will be able to identify common zoonoses from companion animals; understand the potential problems associated with immune-compromised pet owners; and develop a greater awareness of emerging zoonotic issues.

11:00 AM-12:00 PM 432
Transmissible Spongiform Encephalopathies
Dr. Corrie Brown

The various prior diseases will be reviewed with special emphasis on those with veterinary impact. Attendees of this session will be able to describe pathogenesis of prior diseases, identify species barrier (or lack of) in prior diseases, and develop a greater awareness of food/feed issues in prior diseases.

1:30-2:30 PM 433
Bioterrorism – CDC Category A & B Diseases
Dr. Corrie Brown

This session will present an overview of the agents considered to have most potential in a bioterrorism attack. Attendees of this session will be able to understand pathogenesis of bioterrorism agents, appreciate the considerable zoonotic connection in bioterrorism, and gain knowledge of the critical role of veterinarians in bioterrorism.

2:45-3:45 PM 434
Agroterror
Dr. Corrie Brown

This session will provide a description of the vulnerability of our agricultural resources, and what is being done to protect them. Attendees will be able to list the most likely agents to be used in an agroterrorism attack; understand the economics of modern animal agriculture; and gain knowledge of the veterinarian's role in mitigating damage due to an agroterrorism event.

4:00-5:00 PM 435
Name that Disease
Dr. Corrie Brown

This will be an interactive session highlighting real and imaginary disease outbreaks - drawn on information gained earlier in the day.

Community Awareness

- 8:00-9:00 PM** 436
No More Homeless Pets
Dr. Brenda Griffin
This lecture will define the problem of surplus pets in the U.S. and examine current public policies that address this issue. The session will also examine what has been learned from recent studies, including those of the National Council on Pet Population Study and Policy. Attendees will come away with an outline of rational non-lethal strategies for pet population control, emphasizing the role of the veterinary practitioner.
- 9:15-10:15 AM** 437
What's New with Spay/Neuter?
Dr. Brenda Griffin
The objectives of this session will be to outline currently available and future non-surgical methods of sterilization, including contraceptive drugs and vaccines for dogs and cats as well as to review essential concepts of pediatric spay/neuter. The spay/neuter of feral and free-roaming cats will also be introduced.
- 11:00 AM-12:00 PM** 438
**Why Can't We Get Along:
Working with Humane Organizations**
Dr. Brenda Griffin
This session will focus on understanding humane organizations and discuss realities, perceptions and common misunderstandings between veterinarians and humane organizations. The presentation will also cover successful models for collaboration.
- 1:30-2:30 PM** 439
Shelter House Issues
Dr. Lila Miller
This session will provide veterinarians with guidelines for preventing disease transmission in shelters. As a result of

attending this session, participants will: 1) learn how to evaluate the shelter for its strengths and weaknesses regarding disease transmission, 2) identify the key elements of a successful health care program and 3) provide health care guidelines.

- 2:45-3:45 PM** 440
(Session Continuation 4:00-5:00 PM)
**The Recognition and Documentation
of Animal Abuse**
Dr. Lila Miller
There are many legal, medical and ethical issues that veterinarians must deal with when confronted with animal abuse. This session will identify many of these issues and provide veterinarians with basic tools they need to determine when suspicions of animal abuse warrant reporting and how to document the necessary information.

Technician

- 8:00-9:00 AM** 458
**Handling, and Basic Principles of
Rabbits and Ferrets**
Dr. Susan Orosz
This discussion focuses on the basic anatomy and physiologic problems of rabbits and ferrets for the technician in a practice setting. Emphasis will be placed on handling, where to draw blood, vaccination strategies and husbandry principles.
- 9:15-10:15 AM** 459
**Avian Wellness: General Principles of
Husbandry and Behaviors**
Dr. Susan Orosz
The first part of this discussion will address why techs are important and what they need to know about what companion birds should eat, how they should be caged and ideas for enrichment. Basic principles of grooming and how to handle birds will be demonstrated.

- 11:00 AM-12:00 PM** 460
**Avian Wellness: From Budgies to Macaws,
What You Need to Know**
Dr. Susan Orosz
This hour will address specific husbandry recommendations, handling, grooming and some of the common diseases of common companion birds. Species covered will include: canaries, finches, budgies, cockatiels, Amazon and African Gray parrots, cockatoos and macaws.

- 1:30-2:30 PM** 461
**Clinical Anatomy and Physiology
of the Avian Patient**
Dr. Susan Orosz
When working with companion birds it is important to understand the basics of how and why birds are not mammals to better handle and treat them. This lecture will focus on the differences of birds from mammals and how that impacts their care.

- 2:45-3:45 PM** 462
Supportive Care of the Avian Patient
Dr. Susan Orosz
When an emergency strikes you need to know how to handle the situation to enhance patient response. This lecture will cover ways to warm the critical patient, draw blood samples correctly, provide fluid therapy, institute enteral nutrition and provide emergency first aid.

- 4:00-5:00 PM** 463
**Case Examples: How Would You Handle This
Exotic Animal or Avian Emergency?**
Dr. Susan Orosz
As part of the veterinary team, techs need to recognize common emergencies and help in delivering diagnostic and supportive care. Try your hand at solving common emergencies that you will see in practice.



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