

# Veterinarian Program

Tuesday, October 14

8:00 - 8:50 AM

GENERAL SESSION BREAKFAST  
Hall A

**SPONSORED BY MERIAL, Ltd.!**

Speaker: Dr. Mike Conzemius  
Topic: "Nonsurgical Management of Osteoarthritis and Pain"



Time	Track / Program	Speaker	Presentation Title	Abstract
9:00-9:50	Alternative Medicine	Dr. Shen Xie	How to Understand TCVM - Clinical Application of Five Elements	The Five Element theory was formed in China 2,500 years ago. It is widely used in the daily TCVM practice and serves to guide clinical diagnosis and treatment.
9:00-9:50	Anesthesia / Pain Mgmt	Dr. Nora Mathews	Pain Management - Part 1	Analgesic drugs and techniques will be covered including epidurals and catheters, CRI's, transdermals, et al.
9:00-9:50	Clinical Path	Drs. Fred Metzger, Rick Cowell, Jim Meinkoth	Interpreting the CBC - What Every Practitioner Should Know	A practical review of proper hemogram interpretation.
9:00-9:50	Dentistry	Dr. Alex Reiter	Oral Examination and Dental Charting	This lecture discusses tools used and techniques applied in order to perform a thorough extra- and intraoral examination and dental/periodontal charting.
9:00-9:50	Dermatology	Dr. Rosanna Marsella	Diagnostic Approach to Pruritus in Dogs and Cats	This session will include a systematic diagnostic approach explaining how to work up pruritic cases. It will include the description of all the differential diagnoses with clinically relevant and succinct information so that all participants are brought up to speed on the various pruritic diseases (e.g., atopic dermatitis, food allergy, demodex, scabies, contact allergy).
9:00-9:50	Emergency / Critical Care	Dr. Tim Crowe  <b>Sponsored by Jorgensen</b>	The Critical Moments.. Are You Ready?	Practical emergency readiness for every practice will be discussed. Simple and very practical supplies, equipment, and organization that save lives of emergency and critical patients will be highlighted. Truly a lecture you will not want to miss – for your sake and those of your patients.
9:00-9:50	Exotic	Dr. Mark Mitchell	Clinical Pathology Considerations for Exotic Pets	Clinical pathology is an important diagnostic tool for the exotic animal practitioner. The purpose of this presentation is to provide attendees with a review of the methods used to interpret clinical pathology data for exotic species.

9:00-9:50	Feline Medicine	Dr. Susan E. Little	Coughing Cats: Asthma or Heartworm?	Feline asthma is one of a spectrum of conditions under the umbrella of chronic lower airway disease that also includes chronic bronchitis. Recent information suggests that heartworm disease (HWD) in cats is primarily a pulmonary disease (heartworm associated respiratory disease – HARD) and many cats with HWD have been misdiagnosed with asthma.
9:00-9:50	Geriatric	Dr. William Fortney  <b>Sponsored by IDEXX</b>	Aging Process: Why Pets Age and How We Can Influence the Process	There are numerous theories on aging. This will be a discussion of the aging process, why our patients' age, and how we can best influence the process with diet, exercise and Senior Care programs.
9:00-9:50	Infectious Disease	Dr. Steve Barr	Canine leptospirosis: Serology and Vaccination Questions	The diagnosis of leptospirosis in dogs still relies on the MAT test. This presentation focuses on some of the pitfalls With the test, and also discusses current vaccine strategies.
9:00-9:50	Internal Medicine	Dr. Dennis J. Chew	Chronic Renal Failure - Diagnosis and Initial Management – Part 1	Confirmation of the diagnosis of chronic renal failure and a discussion of factors operative in the progressive loss of renal functions will be introduced. Evidence based medicine is starting to show that “kidney-friendly” diets can extend the life of both dogs and cats. Dietary treatment with changes in protein, phosphorus, sodium, potassium, and alkali content (acidifying potential) will be introduced. Adverse effects of too much protein restriction will be noted. The importance of maintaining excellent hydration will be emphasized, as will methods to encourage eating a new diet (methods of diet change and H-2 receptor antagonists). The use of phosphorus binders to assist in phosphorus restriction will be discussed.
9:00-9:50	Internal Medicine	Dr. Michael Schaer	Respiratory - Part 1	These first 5 hours of lectures will cover the respiratory disorders of the dog and cat. These will be entirely clinical and to the point. Areas covered will include alveolar, bronchial, interstitial, and pleural.
9:00-9:50	Internal Medicine	Dr. Howard Seim	Surgical Management of Salivary Mucocele	Rupture of the mandibular and sublingual salivary duct occasionally occurs in the dog resulting in salivary mucocele and rannula. Treatment is surgical resection of the offending salivary glands and excision or marsupialization of the rannula. This session will discuss salivary gland and rannula resection using videotape of clinical case material to enhance participant understanding of surgical technique.
9:00-9:50	Otology	Dr. Louis Gotthelf  <b>Sponsored by MedRx</b>	21 <sup>st</sup> Century Ear Care - Part I	Anatomy, causes of ear disease, video examination of the ear.
9:00-9:50	Ultrasound	Dr. Eric C. Lindquist  <b>Sponsored by Sound Technologies</b>	Canine and Feline Hepatic Ultrasound	This presentation will provide an overview of canine and feline sonographic anatomy including approaches to optimize visualization of the liver parenchyma, portal hilus, gall bladder and bile ducts. This is presented in a manner to optimize the recognition of pathology presented in the following hours.

10:00-10:50	Alternative Medicine	Dr. Shen Xie	Veterinary Acupuncture: Indication and Contraindication	Veterinary Acupuncture has been practiced in China for at least 2,000 years. Acupuncture clinical results vary according to the disorder being treated and with the type of acupuncture technique employed. Thus, the goal of this paper is to highlight the indications and caution the contraindications in Veterinary Acupuncture.
10:00-10:50	Anesthesia / Pain Mgmt	Dr. Nora Mathews	Pain Management - Part 2	Balanced analgesic techniques with combinations of drugs will be discussed.
10:00-10:50	Clinical Path	Drs. Fred Metzger, Rick Cowell, Jim Meinkoth	Anemia Case Challenge - You Make the Call	An anemic patient will be presented and you will make the diagnosis.
10:00-10:50	Dentistry	Dr. Alex Reiter	Techniques and Interpretation of Dental Radiography	The main techniques of intraoral dental radiography are reviewed, and anatomy and pathology of dental and maxillofacial structures are discussed.
10:00-10:50	Dermatology	Dr. Rosanna Marsella	Diagnostic Approach to Pruritus in Dogs and Cats	This session will include a systematic diagnostic approach explaining how to work up pruritic cases. It will include the description of all the differential diagnoses with clinically relevant and succinct information so that all participants are brought up to speed on the various pruritic diseases (e.g., atopic dermatitis, food allergy, demodex, scabies, contact allergy).
10:00-10:50	Emergency / Critical Care	Dr. Tim Crowe <b>Sponsored by Jorgensen</b>	Normobaric and Hyperbaric Oxygen Therapy: The Critical Difference in Many Patients!	Both normobaric and hyperbaric oxygen therapy has literally "made the difference" in the care of so many critically ill or injured as well as those suffering from chronic diseases such as IBD, pancreatitis, chronic active liver disease. Come learn why and how these can be used so effectively in everyone's practice The truth about the effectiveness concerning the use of oxygen cages will also be discussed.
10:00-10:50	Exotic	Dr. Mark Mitchell	Diagnostic Testing for Reptiles	There are a variety of diagnostic tests available to manage our reptile patients. Interpretation of these tests is not without their problems. The purpose of this presentation is to provide attendees with a review of the diagnostic tests available for reptile patients and how to interpret the results.
10:00-10:50	Feline Medicine	Dr. Susan E. Little	Feline Obesity: Dietary Therapy and Beyond	It has been estimated that at 25 to 33% of cats are either overweight or grossly obese, with the highest rates seen in middle-aged cats. Yet the 2003 AAHA Compliance Study ( <i>The Path to High-Quality Care</i> ) found that veterinarians are significantly under diagnosing feline obesity. Owners also may not recognize when their cat is overweight, nor be aware of the associated health risks.

10:00-10:50	Geriatric	Dr. William Fortney <b>Sponsored by IDEXX</b>	Managing the common diseases of aging - Part 1	This will be a discussion of the common diseases associated with aging (body systems approach), and the various strategies available to manage those problems from the skin to urinary system.
10:00-10:50	Infectious Disease	Dr. Steve Barr	Lyme Diz.: Treatment and Vaccination Controversies	This presentation will consider the controversies surrounding the antibiotic treatment of Lyme-positive dogs, what vaccine to use, and when to vaccinate what population of dogs.
10:00-10:50	Internal Medicine	Dr. Dennis J. Chew	Chronic Renal Failure – Further Management – Part 2	The second session will review the development of renal secondary hyperparathyroidism and how to correct this condition with the use of phosphorus restriction and calcitriol. The potential risks and benefits of EPO (erythropoietin) for the treatment of non-regenerative anemia frequently associated with chronic renal failure will be discussed. The recently recognized benefits of converting enzyme inhibitor treatment (enalapril, benazepril) to prolong renal function and/or quality of life will be detailed. Treatment of systemic hypertension secondary to renal failure will be briefly discussed.
10:00-10:50	Internal Medicine	Dr. Michael Schaer	Respiratory - Part 2	These first 5 hours of lectures will cover the respiratory disorders of the dog and cat. These will be entirely clinical and to the point. Areas covered will include alveolar, bronchial, interstitial, and pleural.
10:00-10:50	Internal Medicine	Dr. Howard Seim	Surgical Management of Brachy-Cephalic Syndrome	This session will discuss the management of upper airway obstruction in brachycephalic breeds. Emphasis will be placed on nasoplasty, soft palate resection, and removal of everted laryngeal sacs. Videotape will be used to illustrate surgical techniques.
10:00-10:50	Otology	Dr. Louis Gotthelf <b>Sponsored by MedRx</b>	21 <sup>st</sup> Century Ear Care - Part 2	Examination of the ear continued, cytology and proper ear cleaning techniques.
10:00-10:50	Ultrasound	Dr. Eric C. Lindquist <b>Sponsored by Sound Technologies</b>	Clinical Approach to Canine & Feline Hepatic Sonographic Pathology Part 1	The first of this two-part series evaluates abnormal parenchymal and posthepatic disease from a clinical and sonographic perspective in the dog and cat. Emphasis will be placed on distinguishing clinical significance to the presentation.
11:00-11:50	Alternative Medicine	Dr. Shen Xie	Congested Heart Failure: an TCVM Approach	Heart Qi Deficiency and Blood Stagnation are the fundamental pathology of heart failure. How to use the Traditional Chinese Veterinary Medicine (including acupuncture and herbal medicine) to diagnose and treat heart failure will be discussed in the presentation. Clinical case studies will be presented.

11:00-11:50	Anesthesia / Pain Mgmt	Dr. Nora Mathews	Anesthesia for Difficult Cases	How can you best prepare and manage the challenging case: septic abdomen, GDV, C-section, et al.
11:00-11:50	Clinical Path	Drs. Fred Metzger, Rick Cowell, Jim Meinkoth	The 3-Minute Blood Film-Erythrocyte Evaluation	Erythrocyte morphology can be important clues to many common diseases.
11:00-11:50	Dentistry	Dr. Alex Reiter	Diagnosis and Treatment of Periodontal Disease	Etiopathogenesis and diagnosis of periodontal disease in cats and dogs are discussed, and simple and advanced techniques of periodontal surgery are described.
11:00-11:50	Dermatology	Dr. Rosanna Marsella	Diagnostic Approach to Pruritus in Dogs and Cats	This session will include a systematic diagnostic approach explaining how to work up pruritic cases. It will include the description of all the differential diagnoses with clinically relevant and succinct information so that all participants are brought up to speed on the various pruritic diseases (e.g., atopic dermatitis, food allergy, demodex, scabies, contact allergy).
11:00-11:50	Emergency / Critical Care	Dr. Tim Crowe <b>Sponsored by Jorgensen</b>	The Initial Few Minutes – Care That Must Be Done Right and Right Now!	Assessment and resuscitation of the critical patient will addressed with practical step by step methods outlined that must be done within seconds of arrival!
11:00-11:50	Exotic	Dr. Mark Mitchell	Ante-mortem Fish Diagnostic Testing	Ornamental fish are being presented to veterinarians with increased frequency. Knowledge of the methods required to manage these animals is needed to be successful. The purpose of this presentation is to review the ante-mortem techniques used to assess ornamental fish.
11:00-11:50	Feline Medicine	Dr. Susan E. Little	Feline Hyperthyroidism: Diagnosis and Management	Hyperthyroidism (HTH) is probably the most common feline endocrine disease with a prevalence estimated at 2% in geriatric cats. HTH is a relatively new disease, having been first reported in 1979. It appears to be increasing in prevalence over time, although more cats are diagnosed early in the course of the disease, so that the severity of clinical signs at the time of diagnosis has actually decreased.
11:00-11:50	Geriatric	Dr. William Fortney <b>Sponsored by IDEXX</b>	Managing the common diseases of aging - Part 2	This will be a discussion of the common diseases associated with aging (body systems approach), and the various strategies available to manage those problems from the skin to urinary system.
11:00-11:50	Infectious Disease	Dr. Steve Barr	Anaplasma/Ehrlichia: What to do with that Positive Titer	The serologic diagnosis of <i>Anaplasma phagocytophilum</i> in dogs is common in the Northeast. This presentation discusses what to do With that positive dog, and how this disease differs from that caused by <i>Ehrlichia canis</i> .

11:00-11:50	Internal Medicine	Dr. Dennis J. Chew	Acute Renal Failure - Diagnosis, Management, and Prevention	Acute renal failure is potentially reversible but prevention is far superior to treatment. The causes of renal ischemia (anesthesia, hypotension, NSAID) and potential nephrotoxicants (ethylene glycol, aminoglycosides, calcipotriene, lillies), will be disc
11:00-11:50	Internal Medicine	Dr. Michael Schaer	Respiratory - Part 3	These first 5 hours of lectures will cover the respiratory disorders of the dog and cat. These will be entirely clinical and to the point. Areas covered will include alveolar, bronchial, interstitial, and pleural.
11:00-11:50	Internal Medicine	Dr. Howard Seim	Surgical Management of GDV	This seminar will focus primarily on the surgical management of GDV patients. Video of client cases during presentation and intraoperative decision making will be presented. A detailed review of the belt-loop and incisional gastropexy techniques will be included. Extensive use of video will give participants a real life experience.
11:00-11:50	Otology	Dr. Louis Gotthelf  <b>Sponsored by MedRx</b>	21 <sup>st</sup> Century Ear Care - Part 3	Treatment of otitis externa and otitis media.
11:00-11:50	Ultrasound	Dr. Eric C. Lindquist  <b>Sponsored by Sound Technologies</b>	Canine & Feline Hepatic Sonographic Pathology - Part 2; Methods of obtaining cytology and histopathology	This second hour of hepatic sonographic pathology concentrates on ultrasound-guided sampling procedures in various presentations of liver disease. US-guided fine needle aspiration, biopsy, surgical biopsy and laparoscopic measure will be examined with emphasis placed on when, how and why to use any particular method in order to optimize sampling accuracy.
<b>11:30 AM - 6:30 PM</b>	<b>EXHIBIT HALL OPEN</b>		<b>Come check out all of the exhibitors' products and services!</b>	
<b>12:00 - 1:30 PM</b>	<b>LUNCH</b>			
<b>12:00 - 1:00 PM</b>	<b>Lunch with the Professor Additional Cost of \$35</b>		<b>Dr. William Fortney Topic: Geriatrics</b>	
<b>12:00 - 1:00 PM</b>	<b>Lunch with the Professor Additional Cost of \$35</b>		<b>Dr. Robert (Pete) Bill Topic: Pharmacology, Communications</b>	
1:45-2:30	Alternative Medicine	Dr. Shen Xie	Itching Dog: An Alternative Approach	Skin diseases are the most challenging problems in the veterinary practice. This paper will present how to use acupuncture, herbal medicine and food therapy for treatment of skin conditions in dogs.
1:45-2:30	Anesthesia / Pain Mgmt	Dr. Nora Mathews	Newer Anesthetics and Problems - Part 1	Are the newer anesthetics better for your practice? What drugs interact with what? Can you use generic anesthetics?

1:45-2:30	Clinical Path	Drs. Fred Metzger, Rick Cowell, Jim Meinkoth	The 3-Minute Blood Film-Leukocyte Evaluation	Leukocyte evaluation is critical to correct interpretation of the hemogram.
1:45-2:30	Dentistry	Dr. Alex Reiter	Tooth Resorption in Domestic Carnivores	This lecture discusses the latest advances made in the search for a cause of tooth resorption in cats, followed by a description of preventative and treatment strategies.
1:45-2:30	Dermatology	Dr. Rosanna Marsella	Medical Management of Pruritus	This lecture will describe the concept of threshold of pruritus and how this affects the management of dermatology cases. Various antipruritic agents used in dermatology will be discussed.
1:45-2:30	Emergency / Critical Care	Dr. Tim Crowe  <b>Sponsored by Jorgensen</b>	The Difficulty Breathing Patient – Part 1	Very practical methods of managing common and uncommon clinical conditions will be discussed.
1:45-2:30	Exotic	Dr. Thomas Tully	Treating Ferret Disease	Ferrets present with many disease conditions. Patient presentation, diagnostic testing, and treatment options will be discussed. Treatments that work and disease prevention tips will be provided.
1:45-2:30	Feline Medicine	Dr. Susan E. Little	Feline Hypertension: Why You Should Measure Blood Pressure in Cats	Hypertension is the most important cardiovascular disease of geriatric cats (10 years of age and older) and can have a devastating impact on many body systems, including eyes, kidney, heart and central nervous system. Owners may present hypertensive cats for examination due to ocular signs (dilated pupils, hyphema, blindness), neurological signs (head tilt, ataxia, disorientation, seizures), anorexia or lethargy.
1:45-2:30	Geriatric	Dr. William Fortney  <b>Sponsored by IDEXX</b>	Managing Common Behavioral Problems in Older Pets	Behavioral problems are common in the older patient. This will be a discussion of the various causes and treatment options for managing sleep cycle disturbances and cognitive dysfunction syndrome in dogs and cats.
1:45-2:30	Rehabilitation	Dr. Darryl Millis	Rehabilitation	Why Physical Rehabilitation?
1:45-2:30	Internal Medicine	Dr. Amy DeClue	Canine Hyperadrenocorticism	This lecture will discuss the diagnosis and management of hyperadrenocorticism in dogs.

1:45-2:30	Internal Medicine	Dr. Michael Schaer	Respiratory - Part 4	These first 5 hours of lectures will cover the respiratory disorders of the dog and cat. These will be entirely clinical and to the point. Areas covered will include alveolar, bronchial, interstitial, and pleural.
1:45-2:30	Internal Medicine	Dr. Howard Seim	Managing Cystic and Urethral Calculi in Dogs	A 'never fail' technique for retropulsion of calculi lodged in the urethra of male dogs will be presented. Surgical management of cystic calculi will be discussed and a new protocol that will eliminate the possibility of leaving a stone behind after performing a cystotomy to retrieve multiple cystic calculi will be described. Videotape will be used to illustrate all techniques.
1:45-2:30	Internal Medicine	Dr. Carley Abramson	Epilepsy	This hour will cover the basic principals of seizures and epilepsy. We will review the causes in various species and age groups as well as review the approach to diagnostic investigation and early management.
1:45-2:30	Ultrasound	Dr. Eric C. Lindquist  <b>Sponsored by Sound Technologies</b>	Surgical Gall Bladder Disease in the Dog and Cat from the Clinical and Sonographic Perspective	This hour examines post-hepatic disease in the dog and cat including obstructive bile duct and gall bladder disease. Mucocoeles, calculi, bile plugs, and neoplasia will be examined. Clinical and sonographic perspective in dogs and cats will be examined.
3:05-3:45	Alternative Medicine	Dr. Shen Xie	How to Use Acupuncture for the Treatment of IBD	Acupuncture, food therapy and herbal medicine for diagnosis and treatment of IBD in dogs and cats will be discussed in the presentation. Clinical case studies will be presented.
3:05-3:45	Anesthesia / Pain Mgmt	Dr. Nora Mathews	Newer Anesthetics and Problems - Part 2	What preoperative lab work do you need? How can you be prepared for problems.
3:05-3:45	Clinical Path	Drs. Fred Metzger, Rick Cowell, Jim Meinkoth	Hematology Case Challenge #1	Challenge yourself and make the diagnosis.
3:05-3:45	Dentistry	Dr. Alex Reiter	Management of the Stomatitis Patient	The main causes of stomatitis in cats and dogs are reviewed, and medial and surgical treatment modalities are presented.
3:05-3:45	Dermatology	Dr. Rosanna Marsella	Otitis Externa and Media	Otitis is a very common complaint in veterinary dermatology. The causes of otitis will be reviewed in conjunction with a therapeutic approach.

3:05-3:45	Emergency / Critical Care	Dr. Tim Crowe <b>Sponsored by Jorgensen</b>	The Difficulty Breathing Patient – Part 2	Very practical methods of managing common and uncommon clinical conditions will be discussed - continued.
3:05-3:45	Exotic	Dr. Thomas Tully	Small Mammal Oral Health	Rabbits, guinea pigs, ferrets, hedgehogs, and the many small mammal patients that are treated by veterinarians have oral health issues. Attendees will learn the how to diagnose, treat, and prevent these common disease problems affecting the small mammal mouth.
3:05-3:45	Feline Medicine	Dr. Susan E. Little	Early Age Altering of Kittens	Early age altering (EAA) refers to gonadectomy between 6 and 16 weeks of age and is more commonly practiced as veterinarians gain experience with pediatric anesthesia and surgery. EAA is one useful approach for control of pet overpopulation as it enables shelters and pedigreed breeders to perform pre-adoption altering and avoids the risk of owner non-compliance with altering contracts. Increasingly, it is recognized there are also health benefits to EAA that veterinarians should be aware of.
3:05-3:45	Geriatric	Dr. William Fortney <b>Sponsored by IDEXX</b>	Managing Arthritis in the Older Dogs and Cats	This will be a discussion of the various medical, non-medical, and dietary approaches to managing arthritis in older pets.
3:05-3:45	Rehabilitation	Dr. Darryl Millis	Rehabilitation	Basic Physical Rehabilitation
3:05-3:45	Internal Medicine	Dr. Amy DeClue	Canine Hypoadrenocorticism	This lecture will discuss the diagnosis and management of hypoadrenocorticism in dogs.
3:05-3:45	Internal Medicine	Dr. Michael Schaer	Respiratory - Part 5	These first 5 hours of lectures will cover the respiratory disorders of the dog and cat. These will be entirely clinical and to the point. Areas covered will include alveolar, bronchial, interstitial, and pleural.
3:05-3:45	Internal Medicine	Dr. Carley Abramson	Anti-Epileptic Medications: What's Old and What's New?	A review of treatment options, how these medications work, and when to use them. We will discuss the pro's and con's of the medications as well as advanced epileptic case management.

3:05-3:45	Internal Medicine	Dr. Howard Seim	Surgical Management of Perineal Hernia	This session will use case material to demonstrate the preoperative, operative, and postoperative management of perineal hernia in dogs. Emphasis will be placed on the internal obturator muscle transposition technique. However, difficult cases that cannot be treated with this technique will be discussed and a novel idea for treatment introduced. Videotape will be used to illustrate surgical techniques.
3:05-3:45	Ultrasound	Dr. Eric C. Lindquist <b>Sponsored by Sound Technologies</b>	Gastrointestinal Ultrasound in the Dog and Cat	An overview of gastrointestinal sonographic anatomy will be discussed in both species. Scanning techniques, expectations and normal presentations will be discussed to provide a template for the assessment of sonographic pathology of this organ system.
4:30-5:20	Alternative Medicine	Dr. Shen Xie	How to use Acupuncture for Osteoarthritis	The most common and effective conditions treated with acupuncture include arthritis, degenerative joint disease (DJD), and disc problems. This paper will focus on how to select acupuncture points and techniques for treatment of osteoarthritis in dogs and cats.
4:30-5:20	Anesthesia / Pain Mgmt	Dr. Nora Mathews	Monitoring: What do you need?	Will discuss newer monitors, how well they work and what normal values are.
4:30-5:20	Clinical Path	Drs. Fred Metzger, Rick Cowell, Jim Meinkoth	Hematology Case Challenge #2	Case challenge #2 will require blood film analysis to solve.
4:30-5:20	Dentistry	Dr. Alex Reiter	Endodontic and Restorative Treatment of Dental Trauma	Causes, diagnosis and treatment options for the injured tooth (fracture, infection, luxation, etc.) are discussed.
4:30-5:20	Dermatology	Dr. Rosanna Marsella	Clinical Cases	This hour will be spent presenting real cases, involving the audience in the formulation of differential diagnoses and therapeutic plans. This hour is meant to be interactive and active participation is encouraged. This hour will help review some of the information presented earlier in the day and see how it is applied to real cases.
4:30-5:20	Emergency / Critical Care	Dr. Tim Crowe <b>Sponsored by Jorgensen</b>	The Difficulty Breathing Patient – Part 3	Practical methods of care that have made the difference for the patients with critical pleural and pulmonary conditions.
4:30-5:20	Exotic	Dr. Thomas Tully	Dermatologic Disease of Small Mammals	From external parasites, to barbering small exotic mammals have many dermatologic disease problems. Case presentations will be used to describe treatment success and failures. Best options for treatment success of dermatologic disease in small exotic mammals will be the focus.

4:30-5:20	Feline Medicine	Dr. Susan E. Little	Feline Herpesvirus and Calicivirus: What's New?	Acute and chronic upper respiratory tract disease caused by feline herpesvirus (FHV) and feline calicivirus (FCV) is well known to practitioners. Some novel clinical syndromes have been associated with these pathogens in recent years, and will be the focus of this lecture.
4:30-5:20	Geriatric	Dr. William Fortney <b>Sponsored by IDEXX</b>	Implementing a Senior Care Program in Your Hospital	This will be a discussion of how to implement a successful Senior Care program in your hospital including various base line testing protocols.
4:30-5:20	Rehabilitation	Dr. Darryl Millis	Rehabilitation	Exercises to Enhance Proprioception
4:30-5:20	Internal Medicine	Dr. Amy DeClue	Continuous Glucose Monitoring	This lecture will discuss the methodology and application of continuous glucose monitoring in dogs and cats.
4:30-5:20	Internal Medicine	Dr. Michael Schaer	Respiratory Cases - Interactive	Cases involving patients with challenging respiratory disorders will be discussed. Audience participation invited.
4:30-5:20	Internal Medicine	Dr. Carley Abramson	A Lopsided View	This is an opportunity to review the vestibular system (central and peripheral) as well as the common causes and various presentations of vestibular disease. We will focus on the diagnostic and therapeutic options available.
4:30-5:20	Internal Medicine	Dr. Howard Seim	Surgical Repair of Diaphragmatic Hernia	This session will discuss the three most common types of diaphragmatic hernia; acute traumatic, chronic traumatic, and peritoneal pericardial. Video of clinical cases will be used to illustrate techniques used to manage each type of hernia. Management of chronic atelectatic lung lobes and the incidence of re-expansion pulmonary edema will be discussed.
4:30-5:20	Ultrasound	Dr. Eric C. Lindquist <b>Sponsored by Sound Technologies</b>	Clinical Approach to Canine and Feline Gastrointestinal Sonographic Pathology	Diffuse, focal, multifocal and obstructive disease will be examined from a clinical and sonographic perspective. Sampling procedures, surgical, and medical presentations will be discussed.
<b>4:30 PM - 6:00 PM</b>		<b>EXTENDED EXHIBITOR RECEPTION: WINE TASTING EVENT</b>		<b>Come check out all of the exhibitors' products and services while sampling different varieties of wine!</b>

# Veterinarian Program

Wednesday, October 15

8:00 - 8:50 AM

GENERAL SESSION BREAKFAST  
Hall A

**SPONSORED BY FORT DODGE ANIMAL HEALTH!**

Speaker: Dr. Larry Glickman, DVM, MS, PhD  
Topic: ""Best Practices for Canine Leptospirosis Prevention - Are you appropriately protecting your patients?""



Time	Track / Program	Speaker	Presentation Title	Abstract
9:00-9:50	Alternative Medicine	Dr. Shen Xie	How to Approach Geriatric Patients	Once all possible diagnostics have been assimilated, a pattern for disease is identified and treatments are based on the best possible care for the individual geriatric patient. The treatment protocols include emergency care, acupuncture, herbal medicine,
9:00-9:50	Clinical Path	Drs. Fred Metzger, Rick Cowell, Jim Meinkoth	Cytology-What Every Practitioner Should Know!	A practical review of proper cytologic technique and interpretation.
9:00-9:50	Dentistry	Dr. Alex Reiter	Closed and Open Tooth Extraction	Instruments required and techniques applied for successful tooth extraction are reviewed.
9:00-9:50	Dermatology	Dr. Rosanna Marsella	Diagnostic Approach to Macular/Papular/Pustular Dermatitis	This session will focus on the discussion of dermatological diseases that present with a macular, papular and pustular eruption. Differential diagnoses will be discussed and a systematic approach to these cases will be outlined. This session will also cover the issue of recurrent bacterial infections.
9:00-9:50	Emergency / Critical Care	Dr. Tim Crowe <b>Sponsored by Jorgensen</b>	Trauma Care - In the First Few Minutes: The Kill Zone and Early Pain Management - Part 1	Initial assessment and care - primary survey, resuscitation and pain management be discussed. Practical protocols and procedures will be highlighted: Severe difficult breathing and severe bleeding management will be emphasized.
9:00-9:50	Exotic	Dr. Thomas Tully	Avian Chlamydiosis - I Am Still Here	Arguably the most important zoonotic disease treated by veterinarians that see pet bird patients. This is an informative presentation providing recommendations regarding communication with bird owners, diagnosing, and treating this intracellular bacterial organism.
9:00-9:50	Feline Medicine	Dr. Susan E. Little	Idiopathic Cystitis in Cats: Diagnosis and Management	Feline idiopathic cystitis (FIC) is a sterile, inflammatory process causing signs of lower urinary tract disease. It affects 1.5% of cats presented to primary care veterinarians. FIC is important not only because of the pain and distress it causes patients, but also because it is highly associated with housesoiling, the leading cause of relinquishment of cats to shelters.

9:00-9:50	Rehabilitation	Dr. Darryl Millis	Rehabilitation	Therapeutic Exercises - Part I
9:00-9:50	Internal Medicine	Dr. Amy DeClue	Feline Endocrinology: Beyond Diabetes Mellitus and Hyperthyroidism - Part 1	This series of 2 lecture will review less common endocrinopathies in cats including hyperadrenocorticism, hyperaldosteronism, acromegaly and hyperparathyroidism.
9:00-9:50	Internal Medicine	Dr. William Fortney  <b>Sponsored by IDEXX</b>	Evaluating Normal Neonates; They are not Miniature Adults	Neonatal puppies and kittens are not small adults. This will be a discussion of the <i>normal</i> physiological parameters of puppies and kittens in the first three – four weeks of life.
9:00-9:50	Internal Medicine	Dr. Michael Leib	Diagnostic Approach to Chronic Vomiting in Dogs and Cats - Part 1	A practical diagnostic approach to chronic vomiting will be discussed. The importance of dietary management and assessment of potential systemic disease will be emphasized. The diagnostic utility of abdominal ultrasound and endoscopy will be reviewed.
9:00-9:50	Internal Medicine	Dr. Michael Schaer	Clinical Pearls –Part 1	This 2-part presentation will provide important clinical lessons that should be of value to the busy practitioner. Lots of take home messages are promised and delivered.
9:00-9:50	Neurology	Dr. Carley Abramson	Cerebellar Disease	This little “control center” plays an important role in our patients quality of life. We will review the cause and various clinical signs associated with dysfunction.
9:00-9:50	Internal Medicine	Dr. Howard Seim	Surgical Management of Abdominal Trauma	This session is designed to expose participants to a variety of abdominal trauma cases. Case examples admitted to our critical care service will be used to illustrate treatment techniques. The lecture will focus on the ‘surgical’ management of each case. Video of clinical case material will be used to illustrate all techniques.
9:00-9:50	Behavior	Dr. Emily D. Levine	Who Can Help: Veterinary Behaviorists, Applied Animal Behaviorists, or Dog Trainers	Knowing whom to refer behavior problems to can be challenging. It is important that veterinarians understand the options of people available to them and how to guide their clients to the right person for help.
9:00-9:50	Ultrasound	Dr. Eric C. Lindquist  <b>Sponsored by Sound Technologies</b>	Ultrasound of the Canine and Feline Urinary Tract	An overview of sonographic anatomy of the urinary tract of the dog and cat will be examined. Some pathological presentations will be examined from a clinical and sonographic perspective.

9:00-9:50	Rigid Endoscopy	Dr. Mark Thornborrow <b>Sponsored by MedRx</b>	Rigid Endoscopy - Part I	A three part lecture series covering the benefits of incorporating rigid endoscopy and laparoscopy into general practice.
10:00-10:50	Alternative Medicine	Dr. Shen Xie	Treatment of Seizures in Dogs with Acupuncture	In Traditional Chinese Medicine, ASeizure@ is called <i>Chou-feng</i> . Epilepsy is called AXian Zheng@. Both seizures and epilepsy belong to internal wind syndromes. The earliest literature on epilepsy can be found in Su Wen published during the 3 <sup>rd</sup> century BC.
10:00-10:50	Clinical Path	Drs. Fred Metzger, Rick Cowell, Jim Meinkoth	Cytology of Inflammation	A practical review of the cytologic diagnosis of inflammation.
10:00-10:50	Dentistry	Dr. Alex Reiter	Orthodontic Therapy for the Malocclusion Patient	This lecture discusses the most common presentations of malocclusion in cats and dogs, followed by a description of treatment options available.
10:00-10:50	Dermatology	Dr. Rosanna Marsella	Diagnostic Approach to Macular/Papular/Pustular Dermatitis	This session will focus on the discussion of dermatological diseases that present with a macular, papular and pustular eruption. Differential diagnoses will be discussed and a systematic approach to these cases will be outlined. This session will also cover the issue of recurrent bacterial infections.
10:00-10:50	Emergency / Critical Care	Dr. Tim Crowe <b>Sponsored by Jorgensen</b>	Trauma care –In the First ½ Hour: The Kill Zone and Continued Pain Management - Part 2	Continued resuscitation, secondary survey, definitive care and practical pain management will be discussed: Practical protocols and procedures associated with thoracic and abdominal trauma.
10:00-10:50	Exotic	Dr. Thomas Tully	Pet Bird Pain Management	Pain management is an important part of veterinary medicine today. A thorough discussion on assessing avian pain and analgesic treatment options will be provided.
10:00-10:50	Feline Medicine	Dr. Susan E. Little	Management of Urethral Obstruction in the Cat	Lower urinary tract disease in cats was described as early as 1925. Over the years, the terms “feline urologic syndrome” (FUS) and “feline lower urinary tract disease” (FLUTD) have been used to describe the group of clinical signs related to problems voiding. Urethral plugs and urethroliths have been identified as the most common causes of obstruction in male cats, and will be the focus of this lecture.

10:00-10:50	Rehabilitation	Dr. Darryl Millis	Rehabilitation	Therapeutic Exercises - Part II and Biomechanics of Therapeutic Exercises
10:00-10:50	Internal Medicine	Dr. Amy DeClue	Feline Endocrinology: Beyond Diabetes Mellitus and Hyperthyroidism - Part 2	This series of 2 lectures will review less common endocrinopathies in cats including hyperadrenocorticism, hyperaldosteronism, acromegaly and hyperparathyroidism.
10:00-10:50	Internal Medicine	Dr. William Fortney  <b>Sponsored by IDEXX</b>	Managing and Treating Sick Neonates	This discussion will include of the various steps involved in the making the diagnosis and the immediate management a sick neonatal puppies and kittens.
10:00-10:50	Internal Medicine	Dr. Michael Leib	Diagnostic Approach to Chronic Vomiting in Dogs and Cats - Part 2	A practical diagnostic approach to chronic vomiting will be discussed. The importance of dietary management and assessment of potential systemic disease will be emphasized. The diagnostic utility of abdominal ultrasound and endoscopy will be reviewed.
10:00-10:50	Internal Medicine	Dr. Michael Schaer	Clinical Pearls –Part 2	This 2-part presentation will provide important clinical lessons that should be of value to the busy practitioner. Lots of take home messages are promised and delivered.
10:00-10:50	Neurology	Dr. Carley Abramson	“That ‘aint right”	This hour will review the cranial nerve abnormalities that we all see in practice. These are the “droopy lips,” the “drop jaws,” and the “lazy eyes.” What causes them and what can we do to help our patients and clients cope?
10:00-10:50	Internal Medicine	Dr. Howard Seim	Surgical techniques of the reproductive tract	This session will be used to discuss a variety of surgical techniques of the reproductive tract. A discussion on the use of ovariectomy vs ovariohysterectomy will be included.
10:00-10:50	Behavior	Dr. Emily D. Levine	How to Modify Unruly Dog Behaviors	Two common unruly dog problems are jumping on people and charging and barking the door when the bell rings. It is common for clients to ask veterinarians for help with these problems. Veterinarians and or their staff should be armed with the proper knowledge about how to modify these behaviors. It is not only important to know what to advise, but why you are advising certain behavior modification techniques. (Video will be shown)
10:00-10:50	Ultrasound	Dr. Eric C. Lindquist  <b>Sponsored by Sound Technologies</b>	Clinical Approach to Canine and Feline Urinary Pathology	Clinical and sonographic approaches to urinary pathology will be assessed. Case studies will be examined with an emphasis on clinical significance of the presentation.

10:00-10:50	Rigid Endoscopy	Dr. Mark Thornborrow  <b>Sponsored by MedRx</b>	Rigid Endoscopy - Part II	Topics to be discussed include proper equipment, general and advanced procedures.
11:00-11:50	Alternative Medicine	Dr. Shen Xie	How to Use Acupuncture for Treatment of Chronic Renal Failure	Chronic renal failure is considered as Long-bi syndrome in Traditional Chinese Medicine. How to use the Traditional Chinese Veterinary Medicine (including acupuncture and herbal medicine) to diagnose and treat chronic renal failure will be discussed in the presentation. Clinical case studies will be presented.
11:00-11:50	Clinical Path	Drs. Fred Metzger, Rick Cowell, Jim Meinkoth	Cytology of Neoplasia	A practical review of the cytologic diagnosis of neoplasia.
11:00-11:50	Dentistry	Dr. Alex Reiter	Dentistry in Pocket Pets and Exotics	Common dental problems in rabbits, guinea pigs, chinchillas and some exotic animals are discussed, followed by case presentations.
11:00-11:50	Dermatology	Dr. Rosanna Marsella	Flea Control: The 2008 Approach	This lecture will address the important principles of flea control and will provide information on the existing products available on the market.
11:00-11:50	Emergency / Critical Care	Dr. Tim Crowe  <b>Sponsored by Jorgensen</b>	Trauma Care - In the Second ½ Hour: The Kill Zone and Continued Pain Management - Part 3	Specific practical methods of care for injuries that are common will be discussed – definitive care for internal hemorrhage associated with the liver, spleen, kidney, and other vascular structures and significant diaphragmatic hernia management. Continued assessment, general support, initial wound and fracture care, determination when thoracic or abdominal exploration will be needed, and what to do when its needed.
11:00-11:50	Exotic	Dr. Thomas Tully	Avian Diagnostic Testing	What diagnostic test to submit and when regarding the avian patient is a common concern to the veterinarian. Recommendations on what diagnostic tests to submit and when as well as discussion on how to interpret will be provided to the attendees.
11:00-11:50	Feline Medicine	Dr. Susan E. Little	Feline Infectious Peritonitis: Solving the Puzzle	Feline infectious peritonitis (FIP) is a baffling and clinical important disease of cats caused by infection with a virulent biotype of feline coronavirus. Approximately 1 out of every 200 new feline cases seen at veterinary medical teaching hospitals are cats diagnosed with FIP. Despite the fact that the disease is common, veterinarians are often faced with a diagnostic dilemma because there are no individual tests that are reliable for the diagnosis of FIP.

11:00-11:50	Rehabilitation	Dr. Darryl Millis	Rehabilitation	Aquatic Therapy
11:00-11:50	Internal Medicine	Dr. Amy DeClue	Update on Feline Diabetes Mellitus and Hyperthyroidism	This lecture will review some of the recent clinical literature pertaining to diabetes mellitus and hyperthyroidism in cats.
11:00-11:50	Internal Medicine	Dr. William Fortney  <b>Sponsored by IDEXX</b>	Caring and Feeding Orphaned Puppies and Kittens	This will be a discussion of the husbandry of young orphaned puppies and kittens including environmental concerns and the nutritional needs and delivery options.
11:00-11:50	Internal Medicine	Dr. Michael Leib	Chronic Gastritis and Vomiting: The role of <i>Helicobacter</i> spp.	<i>Helicobacter</i> spp. commonly infect the stomachs of dogs and cats. Diagnosis of <i>Helicobacter</i> should be part of the standard evaluation for chronic vomiting. Successful eradication of <i>Helicobacter</i> can abolish or reduce chronic vomiting due to gastritis in some animals.
11:00-11:50	Internal Medicine	Dr. Michael Schaer	Treat for the Treatable – Part 1	What started out as one phrase handed down by my AMC mentor has evolved an entire philosophy covering emergency medicine and the art part.
11:00-11:50	Neurology	Dr. Carley Abramson	“Orthopod vs. Neuron – The Battle Continues. . .”	A video collage of neurological and orthopedic cases. Can you distinguish where the problem is?
11:00-11:50	Internal Medicine	Dr. Howard Seim	Surgical Management of End Stage Otitis Externa	This session will discuss the use of lateral ear canal resection and total ear canal ablation/lateral bulla osteotomy for the treatment of chronic unresponsive otitis externa in the dog. Video will be used to enhance the participants understanding of the techniques used.
11:00-11:50	Behavior	Dr. Emily D. Levine	Pheromones: What are they and do they work?	Within the past several years, pheromone products have become available for use in various behavior problems. Find out what exactly pheromones are, how they are thought to work, and what studies have found regarding their efficacy. Also learn how different behavior problems may need different vehicles of the pheromones (e.g. spray vs. diffuser).
11:00-11:50	Ultrasound	Dr. Eric C. Lindquist & Dr. Dean J. Cerf  <b>Sponsored by Sound Technologies</b>	Ultrasound-Guided Endoscopic Laser Ablation (UGELAB) of Distal Canine Urinary Tumors	An overview of Ultrasound-Guided Endoscopic Laser Ablation procedure will be discussed regarding its application on distal urinary tract tumors in the dog. Explanation of the sonographic and endoscopic perspectives will be examined with the latest results on expected survival times with the procedure.

11:00-11:50	Rigid Endoscopy	Dr. Mark Thornborrow  <b>Sponsored by MedRx</b>	Rigid Endoscopy - Part III	Short video tutorials of four basic procedures including liver biopsy, cryptorchid neuter, gastropexy and ovariohysterectomy will conclude the presentation.
<b>11:30 AM - 6:30 PM</b>	<b>EXHIBIT HALL OPEN</b>		<b>Come check out all of the exhibitors' products and services!</b>	
<b>12:00 - 1:30 PM</b>	<b>LUNCH</b>			
<b>12:00 - 1:00 PM</b>	<b>Lunch with the Professor Additional Cost of \$35</b>		<b>Dr. Susan Little Topic: Feline Topics</b>	
<b>12:00 - 1:00 PM</b>	<b>Lunch with the Professor Additional Cost of \$35</b>		<b>Dr. Stuart Porter Topic: Avian/Exotic/Wildlife Medicine</b>	
1:45-2:30	Alternative Medicine	Dr. Robert Silver	Introduction to Integrative Medicine	Overview of principles and concepts that underlie the practice of Complementary and alternative medicine, which is now being called "Integrative" medicine. "Dr DoMore" a 30 minute docuroentlu'y containing interviews with alternative veterinarians will be screened for this first of 9 lectures on Integrative veterinary medicine.
1:45-2:30	Cardiology	Dr. Clarke Atkins	The Complete Feline Hypertrophic Cardiomyopathy	Feline hypertrophic cardiomyopathy, the most important heart disease of cats, is covered completely, including pathogenesis, etiology, diagnosis, pitfalls, therapy, and prognosis. In addition, new information regarding the prevention of systemic emboli is presented.
1:45-2:30	Clinical Path	Drs. Fred Metzger, Rick Cowell, Jim Meinkoth	Cytology of Lymph Nodes	Learn how to differentiate lymph node hyperplasia from neoplasia.
1:45-2:30	Oncology	Dr. Ann Hohenhaus	Coagulation Disorders: Update on Tests and Treatment - Part 1	This 3 hour lecture will begin with a discussion on the applications of the various laboratory tests used to identify coagulation disorders. After a brief review of the current tests, the remainder of the hour will focus on new tests such as d-dimer, thromboelastography and the recently developed point of care devices.
1:45-2:30	Dermatology	Dr. Rosanna Marsella	Autoimmune Skin Diseases: Diagnosis and Management	This session will review the most common autoimmune diseases, diagnosis and therapy.
1:45-2:30	Emergency / Critical Care	Dr. Tim Crowe  <b>Sponsored by Jorgensen</b>	Trauma Care—In the first 24 hours: The Kill Zone and Continued Pain Management - Part 4	Specific practical methods of care for injuries that are common will continue to be discussed.



1:45-2:30	Exotic	Dr. Mark Mitchell	Gastroenterology of Reptiles	Diseases of the gastrointestinal (GI) tract are common in captive reptiles. The purpose of this presentation is to review the anatomy and physiology of the GI tract of reptiles, and discuss common diseases associated with this system.
1:45-2:30	Feline Medicine	Dr. Susan E. Little	The Importance of Feline Oral Health	In a recent survey of the health status of over 31,000 dogs and over 15,000 cats examined at veterinary practices in the United States, the most commonly reported disorders were dental calculus and gingivitis. Yet according to the 2003 AAHA compliance study, only 35% of dogs and cats with grade 2 or higher periodontal disease receive treatment, and only 15% of those with grade 1 disease receive treatment. Since periodontal disease is often preventable, veterinarians have an excellent opportunity to educate clients and improve wellness care for cats by developing an oral health care program.
1:45-2:30	Rehabilitation	Dr. Darryl Millis	Rehabilitation	Advanced Modalities in Veterinary Rehabilitation
1:45-2:30	Internal Medicine	Dr. Dennis J. Chew	Idiopathic/Interstitial Cystitis in Cats - Diagnosis and Management – Part 1	Idiopathic cystitis is the most common lower urinary tract disease resulting in owners of cats seeking attention for inappropriate urinations and urgent voiding (stranguria, hematuria, dysuria, pollakiuria). Differential diagnoses and their likelihood of occurrence will be shown. A method for diagnosis that is both inclusionary and exclusionary will be developed so that the practitioner will feel confident in establishing a diagnosis of idiopathic cystitis. Similarities of idiopathic cystitis to interstitial cystitis will be shown. The first line of treatment using diet and litterbox management will be discussed.
1:45-2:30	Internal Medicine	Dr. Michael Leib	Drugs Used to Treat Vomiting and Upper GI Diseases in Dogs and Cats	Proper use of anti-emetics, acid blockers, and coating agents is vital for treatment of acute and chronic vomiting. A review of these drugs, including new agents will be presented.
1:45-2:30	Internal Medicine	Dr. Michael Schaer	Treat for the Treatable – Part 2	This is part 2 of Treat for the Treatable. What began as 10 maxims has grown into 34 in direct proportion to my bone pile-unfortunately.
1:45-2:30	Neurology	Dr. Carley Abramson	Monoparesis	Discussion of the causes of paresis in one limb. The diagnostic investigations available, therapeutic options, client education and support, and prognosis will also be focused upon.
1:45-2:30	Internal Medicine	Dr. Howard Seim	Wound Management Secrets	Think of the most difficult location to bandage a wound.....this seminar will suggest a method of how you can 'bandage that wound'! Can you force a wound to continue to contract?.....Oh yes you can! Videotape of these selected 'secrets' to facilitate wound management will be discussed.

1:45-2:30	Shelter Medicine	Dr. Michael Moyer	A Selection of Infections: A Few of Our Favorite Friends	Canine Influenza, parvovirus, distemper, panleukopenia, virulent systemic calici—highlights, how these impact shelters, rescue partners, and practices, some diagnostic opportunities/limitations, and when to call in the consultants.
1:45-2:30	Ultrasound	Dr. Eric C. Lindquist  <b>Sponsored by Sound Technologies</b>	Clinical & Sonographic Approach to Canine and Feline Pancreatic Disease	The ever-so-elusive pancreatitis in dogs and cats will be examined from a clinical and sonographic perspective. Typical, atypical, and occult presentations will be assessed in both species.
3:05-3:45	Alternative Medicine	Dr. Robert Silver	Integrative Modalities	Brief summary of available Integrative treatment modalities. Integrative medicine is a heterogeneous mixture of a wide range of therapeutic approaches. Most practitioners discover which modalities they feel most comfortable practicing and primarily use those in day to day practice. This lecture is designed to help you focus your study of integrative medicine. Topics that may be covered include: Acupuncture, Nutraceuticals, Herbal therapies, Dietary therapies, Chiropractic, Flower essences, Homeopathy, Energy medicine (Reiki, Low Level Laser therapy, Pulsed Shockwave therapy, Magnetic therapy), Physical medicine (Massage, Tellington Touch)
3:05-3:45	Cardiology	Dr. Clarke Atkins	Feline Hypertension: Risks, Diagnosis and Management	Hypertension is the most important cardiovascular disease of the aged cat. The emphasis of this presentation is the recognition, appropriate management, and prevention of target organ damage in the hypertensive cat.
3:05-3:45	Clinical Path	Drs. Fred Metzger, Rick Cowell, Jim Meinkoth	Cytology Case Challenge #1	Challenge yourself and make the diagnosis.
3:05-3:45	Oncology	Dr. Ann Hohenhaus	Coagulation Disorders: Update on Tests and Treatment - Part 2	The second hour will highlight the most common coagulation disorders in the cat. The relevance of the previously discussed laboratory tests to the bleeding cat will be highlighted. Management of the coagulopathy of liver disease, Factor XII deficiency and disseminated intravascular coagulation will be incorporated.
3:05-3:45	Dermatology	Dr. Rosanna Marsella	Autoimmune Skin Diseases: Diagnosis and Management	This session will review the most common autoimmune diseases, diagnosis and therapy.
3:05-3:45	Emergency / Critical Care	Dr. Tim Crowe  <b>Sponsored by Jorgensen</b>	The Acutely Paralyzed Patient from Disc Herniation, FCE, Spinal Cord Injury and Aortic Thrombo-Embolism – Update – What's New?	Specific assessment and practical methods of care : recommendations based on research and experience will be presented from a surgeon's and emergency/critical care specialists perspective.

3:05-3:45	Exotic	Dr. Mark Mitchell	Biology and Medicine of Chelonians	Chelonians are commonly presented to veterinarians for a variety of health concerns. The purpose of this presentation is to provide a review of important biologic and husbandry considerations, as well as review important diseases for these animals.
3:05-3:45	Feline Medicine	Dr. Susan E. Little	Medicating Cats: Transdermal Drugs and More	Long term administration of oral medications can be problematic in cats. Unfortunately, "cat friendly" drug formulations are uncommon. In recent years, veterinarians and cat owners have alternative drug formulations and compounding pharmacies have stepped in to fill the gap. But do they work?
3:05-3:45	Rehabilitation	Dr. Darryl Millis	Rehabilitation	Physical Therapy for Pain Relief in Canine Osteoarthritis
3:05-3:45	Internal Medicine	Dr. Dennis J. Chew	Idiopathic/Interstitial Cystitis in Cats - Further Management - Part 2	This session will feature treatment of cats with idiopathic cystitis that fail initial treatment. A method for further management with increasing water turnover, stress reduction, environmental enrichment, and drugs (amitriptyline, analgesia, Feliway®) will be developed. Case examples will be used to illustrate diagnosis and treatment of cats with recurrent lower urinary tract signs.
3:05-3:45	Internal Medicine	Dr. Michael Leib	Acute Pancreatitis in Dogs: An Update	Acute pancreatitis in dogs can be difficult to diagnose. Newer diagnostic tests and treatment modalities will be presented.
3:05-3:45	Internal Medicine	Dr. Michael Schaer	A Picture is Worth 1000 Words - Part 1	For Part 1 - Sit back and enjoy this graphic image presentation. Purposely saved for the end of the day, but it will deliver the goods.
3:05-3:45	Neurology	Dr. Carley Abramson	A Pain in the Neck	Cervical pain is a common complaint among both old and young pets. We will discuss management strategies for this kind of intense pain in addition to discussing the underlying causes.
3:05-3:45	Internal Medicine	Dr. Howard Seim	Simple Techniques for Placing Esophagostomy and Gastrostomy Feeding Tubes	The author's preferred method of placing esophagostomy and gastrostomy feeding tubes will be described. Videotape will be used to illustrate placement techniques.
3:05-3:45	Shelter Medicine	Dr. Michael Moyer	Feral Cat Controversies	The free-roaming cat problem explored, Trap Neuter Release and other management strategies illustrated, and the particularly divisive subjects of FeLV/FIV epidemiology and testing, relocation, cat sanctuaries, wildlife/birder concerns, and public health concerns.

3:05-3:45	Ultrasound	Dr. Eric C. Lindquist <b>Sponsored by Sound Technologies</b>	The Sonographic Approach to the "Ain't Doin' Right" Patient; Adrenal disease, Organ Perforations, and Other Occult Pathology	How many times have we scratched our head when we know the patient has emerging disease but nothing is obvious in our clinical work-up to give us a therapeutic direction? Multiple case presentations will be discussed in which the sonogram was essential in the diagnosis or rule-out of occult or emerging disease that was not evident during the clinical exam and cursory clinical findings.
4:30-5:20	Alternative Medicine	Dr. Robert Silver	Diets	Natural diets, commercial diets, high protein diets, raw meat diets, home prepared diets. Come to get your questions answered about this important topic that impacts every practice.
4:30-5:20	Cardiology	Dr. Clarke Atkins	Feline Heartworm Disease: State of the Art in 2008	The epidemiology, life cycle and clinical signs of heartworm infection in the cat will be contrasted with that of the dog. The difficult challenge of diagnosing heartworm infection in cats will be discussed in detail. Finally, the question as to whether the prevalence of heartworm infection in cats warrants preventative and how to handle the asymptomatic and symptomatic heartworm infected cat will be discussed. An approach for symptomatic and asymptomatic cats will be provided
4:30-5:20	Clinical Path	Drs. Fred Metzger, Rick Cowell, Jim Meinkoth	Cytology Case Challenge #2	Case challenge #2 will require blood film analysis to solve.
4:30-5:20	Oncology	Dr. Ann Hohenhaus	Coagulation Disorders: Update on Tests and Treatment - Part 3	The final hour of the series will emphasize using laboratory tests to diagnose coagulation disorders in the dog. Up to date treatment and transfusion recommendations for canine immune mediated thrombocytopenia, von Willebrand's disease, and disseminated intravascular coagulation will be discussed.
4:30-5:20	Dermatology	Dr. Rosanna Marsella	Clinical Cases	Clinical cases will be presented to summarize and apply the information learned in the earlier lectures of the day.
4:30-5:20	Emergency / Critical Care	Dr. Tim Crowe <b>Sponsored by Jorgensen</b>	Nutritional Support for the Sick and Injured in 2008	Support that is key for the trauma patient will be discussed- keep using the gut even in the face of vomiting - find out how to effectively do this and why.
4:30-5:20	Exotic	Dr. Mark Mitchell	Anesthetic Considerations for Reptiles	Anesthetic options for reptiles have increased significantly over the past decade. The purpose of this presentation is to review anesthetic protocols for reptiles.

4:30-5:20	Feline Medicine	Dr. Susan E. Little	Degenerative Joint Disease in the Cat: More Common Than You Thought!	Over the last 10 years, there has been a 15% increase in the number of cats over 10 years of age and the proportion of cats aged 15 years and older has increased from 5% to 14%. Approximately 90% of cats over 12 years of age have radiographic evidence of degenerative joint disease. Recognizing and addressing the causes and presence of arthritis can make a considerable difference to the quality of an older cat's life.
4:30-5:20	Rehabilitation	Dr. Darryl Millis	Rehabilitation	Rehabilitation Case Studies: Putting it all Together
4:30-5:20	Internal Medicine	Dr. Dennis J. Chew	Management of Cats with Urethral Obstruction - Methods of Relief and Approach to Acute Metabolic Crisis	The causes of urethral obstruction in male cats and their likelihood of occurrence will be reviewed. Methods to atraumatically relieve urethral obstruction will be presented. The pharmacological management of urethral tone will be reviewed. The management of metabolic crisis (dehydration, hyperkalemia, hypocalcemia, acidosis, other electrolyte disturbances, ECG changes) from long-standing obstruction also will be discussed.
4:30-5:20	Internal Medicine	Dr. Michael Leib	Challenging Vomiting Cases	Interesting vomiting cases that incorporate the diagnostic and therapeutic principles discussed during the previous 5 lectures will be presented.
4:30-5:20	Internal Medicine	Dr. Michael Schaer	A Picture is Worth 1000 Words - Part 2	Part 2 continues the image presentation that will be retained-promise.
4:30-5:20	Neurology	Dr. Carley Abramson	Intervertebral Disc Disease	We will discuss the multiple types of disc disease as well as discuss the evaluation and medical management of these cases. A review of what happens when a referral is made for surgery as well as post-surgical follow-up care are important issues that will also be discussed.
4:30-5:20	Internal Medicine	Dr. Howard Seim	Anal Sacculectomy The Easy Way	Anal sacculectomy is frequently performed in veterinary practice. It can be tricky to get all of the anal sac epithelium and preserve the external anal sphincter muscle and caudal rectal nerve. A 'new' technique has been developed allowing the surgeon full control of the anatomy and preservation of vital structures during anal sac resection. Video tape showing this technique in a clinical case will illustrate its potential usefulness in practice.
4:30-5:20	Shelter Medicine	Dr. Michael Moyer	So, Doc, Do You Want To Help The Animal Shelter	From volunteer, occasional do-gooder, to Board President; the wide range of paid and pro bono opportunities in animal shelters, the rewards, the challenges, and the caveats.

4:30-5:20	Ultrasound	Dr. Eric C. Lindquist <b>Sponsored by Sound Technologies</b>	Sonographic Things that Make you Go “Hmmm.”	This discussion examines some out-of-the-box presentations of sonographic pathology that keep us honest in our clinical reasoning and demonstrate how our patients “don’t always read the books.” Specific sonographic and clinical aspects are examined that help us get to the next level of diagnostic efficiency.
<b>4:30 PM - 5:30 PM</b>		<b>EXTENDED EXHIBITOR RECEPTION</b>		<b>Come check out all of the exhibitors' products and services!</b>
<div style="display: flex; justify-content: space-between; align-items: center;"> <div data-bbox="52 277 426 334"></div> <div data-bbox="543 261 1518 345" style="text-align: center;"> <p><b>6:30 - 9:00 PM: WEDNESDAY NIGHT DINNER PARTY at the TAJ!</b>  <b>Sponsored by Nestle Purina!</b></p> </div> <div data-bbox="1619 277 2001 334"></div> </div>				

# Veterinarian Program

Thursday, October 16

8:00 - 8:50 AM

GENERAL SESSION BREAKFAST  
Hall A

**SPONSORED BY NESTLE PURINA!**

Speaker: Dr. Margie Scherk, DVM, DABVP (Feline)  
Topic: "Growing Old Gracefully: An overview of  
healthcare management in the aging cat"



Time	Track / Program	Speaker	Presentation Title	Abstract
9:00-9:50	Alternative Medicine	Dr. Robert Silver	Principles of Integrative Medicine: The Role the Digestive System Plays in Chronic Disease - Part 1	Discussion of the role that a healthy digestive system plays in maintaining an effective immune system response and effective detoxification. Dietary supplements that can help to improve digestive function will be explained during this and subsequent lectures. This hour is paired with the following hour for those attending this 9 hour seminar a la carte.
9:00-9:50	Cardiology	Dr. Clarke Atkins  <b>Sponsored by Boehringer Ingelheim</b>	Advances in the Management of Canine Heart Failure – Part I	A brief review of the pathogenesis of heart failure is followed by clinically relevant coverage of the major drug groups and their use in the day to day practice of cardiology. Specific discussion of asymptomatic disease, inodilators and new diuretics and neurohumoral modulators will be included. An overview of the treatment of the major cardiac diseases in the cat and dog will follow in subsequent lectures.
9:00-9:50	Clinical Path	Drs. Fred Metzger, Rick Cowell, Jim Meinkoth	Most Frequently Misdiagnosed Diseases- Hematopoetic	Case challenge involving hematologic abnormalities.
9:00-9:50	Dentistry	Dr. Alex Reiter	Interpretation of CT Imaging of the Head	Computed tomography of the head in cats and dogs is reviewed with particular focus on anatomy and pathology of maxillofacial structures.
9:00-9:50	Dermatology	Dr. Rosanna Marsella	Diagnostic and Therapeutic Approach to Nodular Skin Diseases in Dogs and Cats	This session will focus on nodular diseases in dogs and cats. Differential diagnoses will be presented and a logical approach to a case with nodules will be presented. Therapies for various conditions will also be discussed.
9:00-9:50	Emergency / Critical Care	Dr. Tim Crowe  <b>Sponsored by Jorgensen</b>	Diagnosis of the Acute Septic Abdomen Patient – Clinical Update	Find out what really works in assessing correctly over 90% of the cases presented with a painful abdomen.
9:00-9:50	Exotic	Dr. Mark Mitchell	Biology and Medicine of Snakes	Snakes are commonly presented to veterinarians for a variety of health concerns. The purpose of this presentation is to provide a review of important biologic and husbandry considerations, as well as review important diseases for these animals.

9:00-9:50	Feline Medicine	Dr. Alice Wolf	What's Wrong with that Foot?	Differential diagnosis of diseases of the paws and claws of cats.
9:00-9:50	Internal Medicine	Dr. Dennis J. Chew	Treatment of Routine and Recurrent Urinary Tract Infections	Methods to accurately identify dogs with bacterial urinary infections will be discussed, as will the protective mechanisms that normally prevent this from happening in healthy animals. The pivotal role of quantitative urine culture in accurate diagnosis will be reviewed. The selection of antibiotics suitable for the urinary tract will be illustrated and the potential reasons for their apparent ineffectiveness discussed. The importance of differentiating persistent, relapsing, and reinfections will be emphasized. A systematic method of evaluation that allows predisposing factors to initiate or perpetuate urinary infection will be developed.
9:00-9:50	Internal Medicine	Dr. Michael Leib	Diagnostic Approach to Chronic Diarrhea in Dogs and Cats - Part 1	Chronic diarrhea is a common but frustrating problem for owners and veterinarians. A practical stepwise diagnostic approach will be presented to help practitioners diagnose and treat these cases.
9:00-9:50	Oncology	Dr. Ann Hohenhaus	Oncology - Hematology Journal Club - Part 1	Is your unread journal pile reaching the sky? Have trouble keeping up with the new publications? This two hour presentation will summarize and identify the clinical implications of 10 recent publications in the disciplines of oncology and hematology from journals published by prestigious organizations such as AVMA, AAHA, ACVIM and BSAVA.
9:00-9:50	Behavior	Dr. Emily D. Levine	To Bite or Not to Bite: That is the Question: Human Directed Aggression Towards family members	There are many factors that can contribute, cause, or exacerbate aggression directed towards human family members. This is a very common problem and one which veterinarians are asked about frequently by their clients. This lecture is intended to provide a basic understanding of factors involved with human directed aggression. (Videos will be shown)
9:00-9:50	Shelter Medicine	Dr. Michael Moyer	Breed Specific Bans and Dangerous Dogs	Dangerous dogs or a panicky public? Challenges within the breed-specific approach to controlling dog behavior, and some points to ponder when the discussion in your community starts heading down this pathway.
9:00-9:50	Radiology	Dr. Wilfried Mai	Imaging Nasal Diseases	The principles of diagnostic imaging of nasal diseases in dogs and cats will be discussed. Typical features and indications of radiology, CT and MRI will be covered.
9:00-9:50	Reconstructive Surgery	Dr. Michael Pavletic	Simple Skin Flap Techniques	Basic local flap techniques will be discussed for closing small to moderate sized problematic skin wounds.

10:00-10:50	Alternative Medicine	Dr. Robert Silver	Principles of Integrative Medicine: Intestinal Permeability ("Leaky Gut Syndrome") and Detoxification Failures -Fixing the "Leak" and Improving Detoxification - Part 2	Leaky Gut is described as a breakdown in the normal homeostatic mechanisms that maintain healthy bowel barrier functions. When inappropriate toxins, antigens and pathogens slip past the mucosal wall defenses, they come into contact with the systemic immune system and circulation, thus contributing to sms, MODS and many chronic diseases. Simple nutritional tools and dietary supplements can help to overcome this problem.
10:00-10:50	Cardiology	Dr. Clarke Atkins  <b>Sponsored by Boehringer Ingelheim</b>	Advances in the Management of Canine Heart Failure – Part 2	A brief review of the pathogenesis of heart failure is followed by clinically relevant coverage of the major drug groups and their use in the day to day practice of cardiology. Specific discussion of asymptomatic disease, inodilators and new diuretics and neurohumoral modulators will be included. An overview of the treatment of the major cardiac diseases in the cat and dog will follow in subsequent lectures.
10:00-10:50	Clinical Path	Drs. Fred Metzger, Rick Cowell, Jim Meinkoth	MFMD-Kidney	Renal case challenge.
10:00-10:50	Dentistry	Dr. Alex Reiter	Diagnosis and Treatment of Oral Neoplasia	Benign and malignant oral and maxillofacial tumors are discussed, and radical surgical techniques (mandibulectomy, maxillectomy, facial reconstruction) are described.
10:00-10:50	Dermatology	Dr. Rosanna Marsella	Diagnostic and Therapeutic Approach to Nodular Skin Diseases in Dogs and Cats	This session will focus on nodular diseases in dogs and cats. Differential diagnoses will be presented and a logical approach to a case with nodules will be presented. Therapies for various conditions will also be discussed.
10:00-10:50	Emergency / Critical Care	Dr. Tim Crowe  <b>Sponsored by Jorgensen</b>	Management of the GDV Patient – Clinical Update	This emergency clinician has greater than 95% success with patients presented with acute GDV –find out why and what practical tools he uses.
10:00-10:50	Exotic	Dr. Mark Mitchell	Zoonotic Disease Concerns with Exotic Pets	Concerns regarding zoonotic diseases are increasing. The purpose of this presentation is to review important zoonotic diseases associated with captive exotic species.
10:00-10:50	Feline Medicine	Dr. Alice Wolf	Management of the Senior Cat	Unique management issues of senior cats. Approach to a senior wellness program.

10:00-10:50	Internal Medicine	Dr. Dennis J. Chew	Approach to Urinary Incontinence in Dogs– Diagnosis and Treatment	Primary sphincter mechanism incompetence (PSMI) will receive most of the attention during this period as the most important cause of urinary incontinence in spayed dogs. Medical treatment (estrogens and alpha adrenergics; anticholinergics) and surgical options will be discussed. Use of collagen injections to correct urinary incontinence from PMSI will be detailed. New information on the diagnosis and management of ectopic ureters will also be presented.
10:00-10:50	Internal Medicine	Dr. Michael Leib	Diagnostic Approach to Chronic Diarrhea in Dogs and Cats - Part 2	Chronic diarrhea is a common but frustrating problem for owners and veterinarians. A practical stepwise diagnostic approach will be presented to help practitioners diagnose and treat these cases.
10:00-10:50	Oncology	Dr. Ann Hohenhaus	Oncology – Hematology Journal Club - Part 2	Is your unread journal pile reaching the sky? Have trouble keeping up with the new publications? This two hour presentation will summarize and identify the clinical implications of 10 recent publications in the disciplines of oncology and hematology from journals published by prestigious organizations such as AVMA, AAHA, ACVIM and BSAVA.
10:00-10:50	Behavior	Dr. Emily D. Levine	Trying to Keep the Peace: Inter-dog Aggression Within a Household	There are many factors that can contribute, exacerbate, or cause aggression between dogs that live together. This lecture is intended to provide you with information necessary to understanding inter-dog aggression and give you a basic starting point with how to view these cases. (Videos will be shown)
10:00-10:50	Shelter Medicine	Dr. Michael Moyer	Managing the Urban Animal Control Shelter - Part I	A historical overview, structure, and relationships of animal control and humane societies, and the intense conflict between life-saving aspirations and resource limitations of an animal control facility. This lecture draws heavily from experiences from Philadelphia Animal Care and Control Association, a 30,000 intake facility in one of the poorest U.S. cities.
10:00-10:50	Radiology	Dr. Wilfried Mai	Imaging the Stomach and Intestine: Normal Aspect	The normal radiographic and ultrasonographic appearance of the stomach and intestine in dogs and cats will be presented.
10:00-10:50	Reconstructive Surgery	Dr. Michael Pavletic	Wound Closure Using Skin Stretching Techniques	Skin stretching devices and techniques will be discussed for the closure of problematic skin wounds.
11:00-11:50	Alternative Medicine	Dr. Robert Silver	Dietary Supplements: Nutraceuticals and Botanicals - Part 1	Dietary supplements are derived from plants and from food materials. For the most part they are safe and when used appropriately can improve a patient's capacity to heal. This first part will cover the fundamental principles that underlie the historic us

11:00-11:50	Cardiology	Dr. Clarke Atkins <b>Sponsored by Boehringer Ingelheim</b>	ACE-Inhibitors and Azotemia in Dogs with Heart Disease	The complex relationship between the heart, the kidneys, and ACE-Inhibition will be discussed. The attendee will understand when and how to use ACE-I in cardiac and renal disease and what to do when cardiac patients develop or present with impaired renal function.
11:00-11:50	Clinical Path	Drs. Fred Metzger, Rick Cowell, Jim Meinkoth	MFMD-Liver	Hepatic case challenge.
11:00-11:50	Dentistry	Dr. Alex Reiter	Temporomandibular Joint and Masticatory Muscle Disorders	Diagnosis and differential diagnoses of temporomandibular joint and masticatory muscle disorders are discussed, and treatment modalities are described for each pathologic presentation.
11:00-11:50	Dermatology	Dr. Rosanna Marsella	Diagnostic and Therapeutic Approach to Nodular Skin Diseases in Dogs and Cats	This session will focus on nodular diseases in dogs and cats. Differential diagnoses will be presented and a logical approach to a case with nodules will be presented. Therapies for various conditions will also be discussed.
11:00-11:50	Emergency / Critical Care	Dr. Tim Crowe <b>Sponsored by Jorgensen</b>	Management of the Acute Pancreatitis Patient - New Methods that Increase Survival of those that are Critical	Pancreatitis has a new enemy – a treatment tool that literally makes the most critical patient have a > 90% survival.
11:00-11:50	Exotic	Dr. Mark Mitchell	Gastroenterology of Rabbits and Rodents	Diseases of the gastrointestinal (GI) tract are common in rabbits and rodents. The purpose of this presentation is to review the anatomy and physiology of the GI tract of rabbits and rodents, and discuss common diseases associated with this system.
11:00-11:50	Feline Medicine	Dr. Alice Wolf	Chronic Progressive Renal Disease in Cats	Early recognition and management of all stages and complications of this common feline problem.
11:00-11:50	Internal Medicine	Dr. Dennis J. Chew	Hypercalcemic Disorders in Dogs and Cats- Diagnosis and Management	The detection of hypercalcemia is problematic for the busy practitioner since both under and over interpretation lead to diagnostic errors and potential negative consequences for the dog or cat. This session will provide a method to allow the clinician to decide when the finding of hypercalcemia should be considered important now or if it should be followed later. New syndromes of hypercalcemia in the cat (idiopathic) and in the dog (raisin/grape toxicity, calcipotriene toxicity) will be discussed in addition to concerns about hypercalcemia of malignancy and primary hyperparathyroidism.

11:00-11:50	Internal Medicine	Dr. Michael Leib	Chronic Large Bowel Diarrhea in Dogs: What's New?	Idiopathic large bowel diarrhea and <i>Clostridium perfringens</i> enterotoxigenesis are common causes of large bowel diarrhea in dogs. This seminar will summarize these conditions.
11:00-11:50	Oncology	Dr. Ann Hohenhaus	Managing Chemotherapy Toxicity	This lecture will provide the practitioner with a framework on which to structure their approach to managing the patient with chemotherapy toxicity. The presentation will start with telephone triage for the front desk staff and move to physical examination tips for chemotherapy patients. For each common toxicity, specific testing recommendations will be made. Finally, measures to prevent chemotherapy toxicity will be discussed.
11:00-11:50	Behavior	Dr. Emily D. Levine	Compulsive Disorders in Dogs: Videos You Must See to Believe	Although the prevalence of compulsive behaviors in our pets is unknown, organizations such as the National Institute of Health has recognized similarities between compulsive disorders in people and those in pets. There appear to be breed pre-dispositions for certain compulsive behaviors. Learn how to approach and treat these cases. (Videos will be shown)
11:00-11:50	Shelter Medicine	Dr. Michael Moyer	Managing the Urban Animal Control Shelter - Part II	A historical overview, structure, and relationships of animal control and humane societies, and the intense conflict between life-saving aspirations and resource limitations of an animal control facility. This lecture draws heavily from experiences from Philadelphia Animal Care and Control Association, a 30,000 intake facility in one of the poorest U.S. cities.
11:00-11:50	Radiology	Dr. Wilfried Mai	Imaging the Stomach and Intestine: Pathologic Aspect	The pathologic radiographic and ultrasonographic appearance of the stomach and intestine in dogs and cats will be presented.
11:00-11:50	Reconstructive Surgery	Dr. Michael Pavletic	Preputial Reconstructive Surgery	This lecture will discuss disorders of the prepuce and the surgical options available in their management.

<b>10:45 AM - 1:30 PM</b>	<b>EXHIBIT HALL OPEN</b>		<b>Come check out all of the exhibitors' products and services!</b>
<b>12:00 - 1:30 PM</b>	<b>LUNCH</b>		
<b>12:00 - 1:00 PM</b>	<b>Lunch with the Professor Additional Cost of \$35</b>		<b>Dr. Clarke Atkins Topic: Heart Disease</b>
<b>12:00 - 1:00 PM</b>	<b>Lunch with the Professor Additional Cost of \$35</b>		<b>Dr. Tim Crowe Topic: Emergency/Critical Care</b>

1:30-2:20	Alternative Medicine	Dr. Robert Silver	Dietary Supplements: Nutraceuticals and Botanicals - Part 2	This hour is a continuation of the previous hour. Clinically important dietary supplements will be discussed. Relevant case illustrations will be provided to illustrate the use of herbs and nutraceuticals.
-----------	----------------------	-------------------	---	---

1:30-2:20	Cardiology	Dr. Clarke Atkins <b>Sponsored by Boehringer Ingelheim</b>	Differentiating Cardiac from Respiratory Disease	The differentiation of signs of cardiac and respiratory disease remains a challenge to veterinary practitioners. Therapeutic efforts are markedly compromised when this distinction is not correctly made. This presentation will provide practical methods for this differentiation against a back-drop of a clinical presentation of a coughing dog with a heart murmur.
1:30-2:20	Clinical Path	Drs. Fred Metzger, Rick Cowell, Jim Meinkoth	MFMD-Pancreas	Exocrine pancreatic case challenge.
1:30-2:20	Dentistry	Dr. Alex Reiter	Diagnosis and Treatment of Maxillofacial Trauma	This lecture discusses diagnosis and treatment of the maxillofacial trauma patient, with particular focus on non-invasive and invasive jaw fracture repair techniques.
1:30-2:20	Dermatology	Dr. Rosanna Marsella	Cutaneous Manifestations of Internal Diseases	This lecture will discuss diseases that do not primarily affect the skin but in which the skin functions as a marker for internal diseases. Clinical signs, diagnostic approaches and treatments will be presented.
1:30-2:20	Emergency / Critical Care	Dr. Tim Crowe <b>Sponsored by Jorgensen</b>	New Update on Management of Parvovirus and Other Life-Threatening GI Conditions	Replacing lost electrolytes with nano-molecular size minerals verses normal sized minerals greatly decreases the amounts of fluids required in parvovirus and other GI conditions. Learn about this very practical therapy and others that have made a difference, e.g., saline enemas to decrease enterotoxin re-absorption
1:30-2:20	Exotic	Dr. Thomas Tully	Feather Picking and Self Mutilation	The feather picking bird is one of the most difficult case presentations to the veterinary clinic. Behavior and treatment options will be provided as well as case histories on what the expectations are for the veterinarian as well as the owner.
1:30-2:20	Feline Medicine	Dr. Alice Wolf	Feline Vaccinology in 2008	Progressive practices for progressive practices. What's new and what's not?
1:30-2:20	Internal Medicine	Dr. Amy DeClue	Sepsis in the Small Animal Patient - Part 1	This series of 3 lectures will discuss the pathophysiology, clinical aspects, treatment of sepsis as it relates to small animal patients.
1:30-2:20	Internal Medicine	Dr. Michael Leib	Giardia and <i>Tritrichomonas foetus</i> : An Update	Giardia is a common cause of acute and chronic diarrhea. Recent developments in the diagnosis and treatment will be discussed. The recently described <i>Tritrichomonas foetus</i> infection in cats will be reviewed.

1:30-2:20	Oncology	Dr. Ann Hohenhaus	Lymphoma: The Cat is Not a Little Dog	Setting outcome expectations at the time of diagnosis of lymphoma is critical for the owner considering chemotherapy in their pet. This lecture will highlight the differences between managing lymphoma in the cat and dog, allowing the best treatment recommendations and an accurate prognosis to be given for each species in your practice.
1:30-2:20	Behavior	Dr. Emily D. Levine	Separation Anxiety in Dogs	Attachment behaviors are a normal set of behaviors to encourage social cohesion; however, when attachment behaviors lead to separation distress, the results can be devastating for both the owners and the dog. This lecture is intended to guide veterinarians on diagnosis and treatment options including what behavior mods to teach your clients and medication options. (Videos will be shown)
1:30-2:20	Shelter Medicine	Dr. Michael Moyer	Cruel Being Kind: Hoarding	Hoarding is a bizarre and frustrating phenomenon of sheltering animals, often creating overwhelming burden on the shelter. From the "house full of cats" to the "rescue" sanctuary gone "bad", some common traits, intervention options, and a discussion of outcomes, with a look at a novel intervention aimed at managing reacquisition.
1:30-2:20	Radiology	Dr. Wilfried Mai	Role of Diagnostic Imaging in the Diagnosis of Endocrine Diseases	The role of various imaging techniques, including radiography, ultrasonography, CT and MRI in the diagnosis of endocrine disorders of dogs and cats will be discussed.
1:30-2:20	Reconstructive Surgery	Dr. Michael Pavletic	Skin Grafting Basics	This lecture will discuss grafting options for closing problematic skin wounds, from the simple to the complex.
2:30-3:20	Alternative Medicine	Dr. Robert Silver	21st Century Energy Medicine: Low Level Laser Therapy	"Star Trek" medicine. That future is now. Low Level Laser Therapy (LLLT) creates measurable and significant responses in patients with a variety of conditions including musculoskeletal, neurologic, cardiac, wound healing, trauma and organ dysfunction problems. This talk will discuss the theory and present clinically oriented practical applications of LLLT in dogs and cats from the author's experience with this fascinating new alternative modality.
2:30-3:20	Cardiology	Dr. Clarke Atkins  <b>Sponsored by Boehringer Ingelheim</b>	When the Specialist is Out: Case-Based Approach to Cardiac Disease for the Generalist – Part I	A case-based format is used to demonstrate how the generalist can make the appropriate diagnosis and treatment when clients refuse referral or when a specialist is not available. The focus is on exam skills and techniques that all veterinarians have or can easily develop.
2:30-3:20	Clinical Path	Drs. Fred Metzger, Rick Cowell, Jim Meinkoth	MFMD-Endocrine	Adrenal case challenge.

2:30-3:20	Dentistry	Dr. Alex Reiter	Basic and Advanced Palate Surgery	Congenital defects of the primary and secondary palate and palate defects acquired after birth are discussed, and examples of basic and advanced palate surgery are presented.
2:30-3:20	Dermatology	Dr. Rosanna Marsella	Regional Dermatoses	Diseases of the face, pinnae, footpads and claws will be discussed.
2:30-3:20	Emergency / Critical Care	Dr. Tim Crowe <b>Sponsored by Jorgensen</b>	Wounds, Luxations and Fractures - Practical Update: From Sugar, Newspaper, and Bubble Wrap to HBO and Leeches!	Learn what is practical, tried and true, and works for even the most serious wounds, luxations and fractures..like such things as table sugar, newspaper and bubble wrap... even leeches!
2:30-3:20	Exotic	Dr. Thomas Tully	Treating Avian Fungal Disease	Aspergillus spp. fungal infections are commonly diagnosed in pet bird patients. Pet bird species that are commonly diagnosed and treatment options will be given during this presentation. Specific case histories and a discussion of the treatment protocols will also be provided.
2:30-3:20	Feline Medicine	Dr. Alice Wolf	Case studies in Feline Medicine	Challenging cases where YOU help make the diagnosis.
2:30-3:20	Internal Medicine	Dr. Amy DeClue	Sepsis in the Small Animal Patient - Part 2	This series of 3 lectures will discuss the pathophysiology, clinical aspects, treatment of sepsis as it relates to small animal patients.
2:30-3:20	Internal Medicine	Dr. Michael Leib	Dietary Management of GI Disease.	Dietary management of GI diseases can be curative or can work along with medical management to relieve or reduce signs of GI diseases. Emphasis will be placed on the evidenced-based treatments.
2:30-3:20	Oncology	Dr. Ann Hohenhaus	Is it Cancer?	Principles of cancer patient management will be illustrated using the information from actual patients referred for treatment of cancer. The lecture will identify the pitfalls of various diagnostic tests and the complicated nature of cancer. An evidence based approach will be used in the decision making for each patient.
2:30-3:20	Behavior	Dr. Emily D. Levine	Cat Chat: How Cats Communicate	Learn the basics of feline communication so you can help your clients understand their cat's behaviors and emotions. With an understanding of these basic forms of communication, owners can prevent common behavioral problems. (Videos will be shown)

2:30-3:20	Shelter Medicine	Dr. Michael Moyer	Surgical Spay/Castration in the Shelter Environment - Part I	Public and shelter spay/castration clinics provide a much needed service within their communities. The needs, goals, challenges, work-flow, people and technical skills required, and emerging resources for this specialized form of surgical sterilization will be explored. Pros and cons of pediatric spay/castration, logistics, and potential conflicts between shelter, public, and TNR spay/castration programs.
2:30-3:20	Radiology	Dr. Wilfried Mai	Thoracic Radiology: The Pitfalls	This lecture will presents some of the pitfalls and misinterpretation that one should not fall into when interpreting thoracic radiographs in dogs and cats.
2:30-3:20	Reconstructive Surgery	Dr. Michael Pavletic	Small Animal Facial Reconstructive Surgery	This seminar will discuss wound closure techniques, from the simple to the advanced, in the dog and cat.
3:30-4:20	Alternative Medicine	Dr. Robert Silver	Integrative Veterinary Medical Practice Management	Adapting your practice to the introduction of Integrative medicine can take a bit of preparation and forethought. Examinations and consultation times need to be increased. Aspects of the examination itself need modification to account for the more integrative approach to the patient. Handouts, forms, informed consents, as well as how to charge for your time, services, overhead and supplements will be covered in the final seminar of this 9 hour lecture series.
3:30-4:20	Cardiology	Dr. Clarke Atkins <b>Sponsored by Boehringer Ingelheim</b>	When the Specialist is Out: Case-Based Approach to Cardiac Disease for the Generalist – Part 2	A case-based format is used to demonstrate how the generalist can make the appropriate diagnosis and treatment when clients refuse referral or when a specialist is not available. The focus is on exam skills and techniques that all veterinarians have or can easily develop.
3:30-4:20	Clinical Path	Drs. Fred Metzger, Rick Cowell, Jim Meinkoth	MFMD-Coagulation	Bleeding case challenge.
3:30-4:20	Dentistry	Dr. Alex Reiter	Surgery of the Salivary Gland-Duct Complex	Etiopathogenesis, diagnosis and treatment of common disorders of the salivary gland-duct complexes (parotid, zygomatic, mandibular and sublingual) are reviewed.
3:30-4:20	Dermatology	Dr. Rosanna Marsella	Clinical Cases	Clinical cases will be discussed with the audience to apply the information learned. Active participation is encouraged in this interactive lecture.

3:30-4:20	Emergency / Critical Care	Dr. Tim Crowe <b>Sponsored by Jorgensen</b>	Electromagnetic Resonance BICOM, Photonic, and Pulse Signal Therapy and their Effectiveness in Emergency and Chronic Conditions	New energy technology that makes the difference in the critical patient care will be discussed: 660 nanometer laser light stimulates acupuncture points that improve cardiovascular and pulmonary function. Electromagnetic bio-resonance increases endorphins and decreases pain and reverses acute and chronic conditions through the cancelling of damaging cell signaling and the enhancing of healthy signaling
3:30-4:20	Exotic	Dr. Thomas Tully	Bandaging the Avian Patient	Often bandaging appears primitive when compared to many of the orthopedic surgical procedures available today. This presentation will describe bandaging techniques that practitioners can use that will result in successful treatment with less patient stress. Elizabethan collar application will also be discussed, when, why, and how on the pet avian patient.
3:30-4:20	Feline Medicine	Dr. Alice Wolf	Case studies in Feline Medicine	Challenging cases where YOU help make the diagnosis.
3:30-4:20	Internal Medicine	Dr. Amy DeClue	Sepsis in the Small Animal Patient - Part 3	This series of 3 lectures will discuss the pathophysiology, clinical aspects, treatment of sepsis as it relates to small animal patients.
3:30-4:20	Internal Medicine	Dr. Michael Leib	Common Errors in the Diagnosis and Management of GI Diseases	Common errors in the diagnosis or management of GI diseases will be discussed. It is hoped that demonstration of these errors will lead to improved patient care.
3:30-4:20	Oncology	Dr. Ann Hohenhaus	Chemotherapy Administration	Safe handling of chemotherapy agents for your staff, your patients and yourself will be the theme of this presentation. A discussion of safety equipment, hazardous waste management and good clinical practice surrounding the use of chemotherapy agents will be included. Finally, guidelines on how to minimize the risks to your patients will be given.
3:30-4:20	Behavior	Dr. Emily D. Levine	House-Soiling in Cats: Things Every Practitioner Needs to Know	There is one basic piece of information that is key to being able to help many of the cats who house-soil. Learn what that one piece of information is and how to approach and treat house-soiling cats.
3:30-4:20	Shelter Medicine	Dr. Michael Moyer	Surgical Spay/Castration in the Shelter Environment - Part II	Public and shelter spay/castration clinics provide a much needed service within their communities. The needs, goals, challenges, work-flow, people and technical skills required, and emerging resources for this specialized form of surgical sterilization will be explored. Pros and cons of pediatric spay/castration, logistics, and potential conflicts between shelter, public, and TNR spay/castration programs.
3:30-4:20	Radiology	Dr. Wilfried Mai	Imaging the Esophagus	Normal and abnormal diagnostic imaging features of the esophagus will be presented.

3:30-4:20	Reconstructive Surgery	Dr. Michael Pavletic	Axial Pattern Flaps in Small Animal Surgery	This lecture will present the most commonly used axial pattern flaps for the closure of moderate to large skin defects.
-----------	------------------------	----------------------	---	---