



THE AMERICAN BOARD OF VETERINARY PRACTITIONERS
13th Annual Practitioner's Symposium

Onsite Program



THE AMERICAN BOARD OF VETERINARY PRACTITIONERS

would like to gratefully acknowledge the

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of the 13th ABVP Practitioner's Symposium

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2008 ABVP PRACTITIONER'S SYMPOSIUM



NAME BADGES

Name badges will be required for participation in all sessions, luncheons and exhibit viewing. Badges may be picked up at the registration desk during the hours listed. ABVP appreciates the sponsorship of lanyards by 

CANCELLATIONS & REFUNDS

Cancellations and refunds are no longer permitted. Should you want to sell your ABVP Annual Banquet ticket, you can do so by posting them on the message board.

REGISTRATION DESK HOURS

Thursday, May 1:	10:00am-5:00pm
Friday, May 2:	7:00am-4:00pm
Saturday, May 3:	7:00am-4:00pm
Sunday, May 4:	7:30am-11:30am

EXHIBITS

Please be sure to visit our sponsors and exhibitors. Through their continued support, we are able to offer quality programs and still keep registration costs down.

Friday, May 2	12:00pm-4:30pm
Saturday, May 3	7:30am-4:30pm
Sunday, May 4	7:30am-11:00pm

CONTINUING EDUCATION CREDITS

Attendees of the conference can earn a total of 21.0 hours of Continuing Education. Certificates are included in your conference materials.

Thursday, May 1	4.0 hours
Friday, May 2	8.0 hours
Saturday, May 3	6.0 hours
Sunday, May 4	3.0 hours

CELL PHONES AND PAGERS

Please be considerate of others and place all beepers and cell phones on silent mode. Should you need to take a call, please do so by exiting the lecture room.

MIDNIGHT IN THE GARDEN OF GOOD AND EVIL WALKING TOUR

Thursday, May 1, 6:30pm – 9:00pm Meet in hotel lobby at 6:15pm. Be sure to wear walking shoes. The tour is SOLD OUT.

ABVP ANNUAL SYMPOSIUM & FUN NIGHT

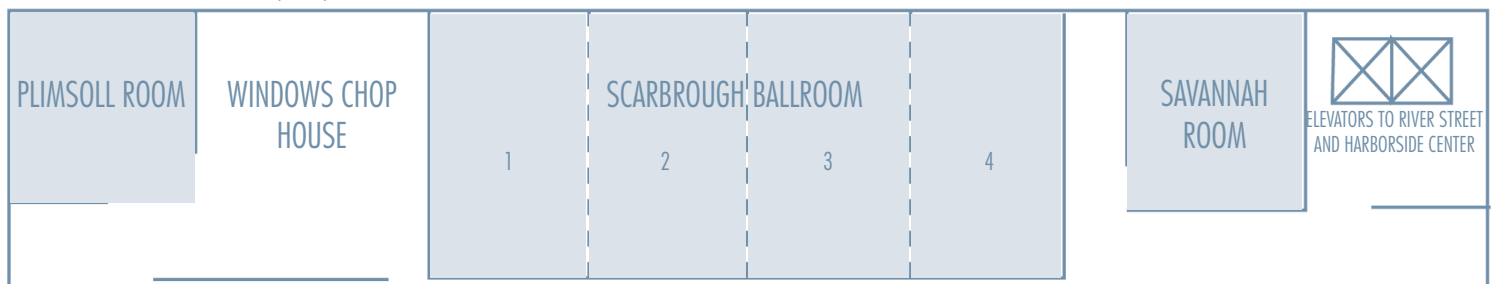
The ABVP Annual Symposium & Fun Night will be held on Saturday, May 3, 2008, from 7:00 - 9:30 pm at the Hyatt Regency. A cocktail reception will be held prior to the banquet at 6:30 pm. Entertainment will be provided by guitarist, Greg Williams. The Annual Banquet is open to all attendees and will honor new ABVP Diplomates. Cost \$55.

Sponsored by 

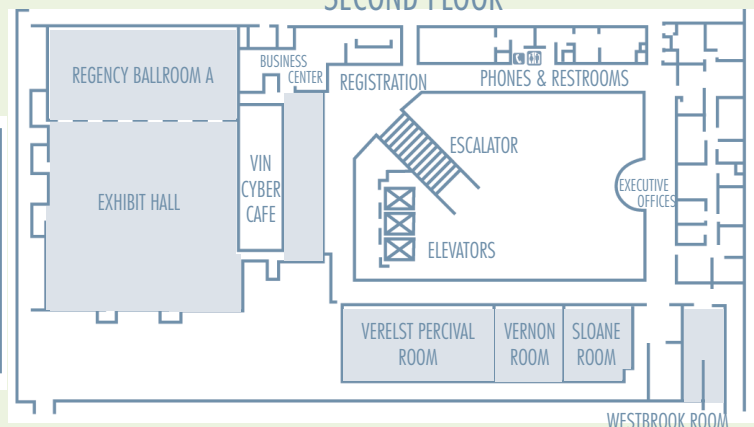
HOTEL MAP

Room locations are listed beside the events or below the name of the specialty track.

LOBBY LEVEL



SECOND FLOOR



13TH ANNUAL PRACTITIONER'S SYMPOSIUM

THURSDAY - MAY 1, 2008

1:00pm-5:00pm

ABVP/AAHA PRE-SYMPOSIUM SEMINAR ON SERVANT LEADERSHIP - Jane Martel and Jay McNaught (*Verelst Percival*)

Sponsored by



FRIDAY - MAY 2, 2008

8:00am-12:00pm

CROSS-SPECIES TRANSFER OF DISEASE: FUTURE SHOCK IS HERE - Corrie Brown (*Ballroom A*)

10 minute break each hour

12:00pm-12:30pm

EXHIBIT HALL OPENING GALA (*Ballroom C - F*)

12:15pm-12:30pm

MODERATOR MEETING (*Ballroom A*)

12:30pm-1:30pm

NETWORKING LUNCHEON (*Harborside Center East*)

Avian
(*Sloan*)

Bovine
(*Savannah*)

Canine
(*Ballroom A*)

Equine
(*Vernon*)

Feline
(*Verelst Percival*)

1:30pm-2:30pm

Anesthesia - Part I
R. Avery Bennett

Basic Applied Immunology
Review
Victor Cortese

Mast Cell Tumors: Margins,
Markers and Prognostic Factors
Philip Bergman
Sponsored by

Osteoarthritis:
Pathophysiology and
Diagnosis
John Caron

Diagnostic Techniques in
Feline Respiratory Medicine
Phil Padrid

2:30pm-3:00pm

REFRESHMENT BREAK IN EXHIBIT HALL Sponsored by

3:00pm-4:00pm

Anesthesia - Part II
R. Avery Bennett

Neonatal Applied
Immunology
Victor Cortese

Osteosarcoma - What
Chemo?? When??
Philip Bergman
Sponsored by

Choosing Among Conventional
and Surgical Treatments for
Joint Disease
John Caron

Feline Nasal Disease
- Diagnosis and Treatment
Including Balloon Nasoplasty
Phil Padrid

4:00pm-4:30pm

REFRESHMENT BREAK IN EXHIBIT HALL

4:30pm-5:30pm

Cranial Coelom/Respiratory
Surgery - Part I
R. Avery Bennett

Using the Immune System in
Every Day Cattle Practice
Victor Cortese

Mammary Gland Tumors
- What You Need to Know
Philip Bergman
Sponsored by

Emerging/Future Medical and
Surgical Treatment Strategies
John Caron

Feline Bronchitis and Asthma
- Diagnosis and Treatment
Including Use of Inhaled
Medications - Part I
Phil Padrid

5:40pm-6:30pm

PEARL SESSIONS (*Same room as their respective track*)

6:30pm-8:00pm

WELCOME RECEPTION (*Harborside Center East*) Sponsored by

7:00pm-10:00pm

ITEM WRITING WORKSHOP (*Verelst Percival*)





SATURDAY - MAY 3, 2008

	Avian (Sloan)	Bovine (Savannah)	Canine (Ballroom A)	Equine (Vernon)	Feline (Verelst Percival)
7:30am-8:00am	CONTINENTAL BREAKFAST Sponsored by 				
7:30am-4:30pm	EXHIBIT HALL				
8:00am-9:00am	Cranial Coelom/Respiratory Surgery - Part II <i>R. Avery Bennett</i>	Review of Viral Infections in Cattle Bovine Herpes Viruses <i>Victor Cortese</i>	Lymphoma – Anything New? <i>Philip Bergman</i> Sponsored by 	Nutraceuticals: Do They Work? <i>John Caron</i>	Feline Bronchitis and Asthma - Diagnosis and Treatment including Use of Inhaled Medications - Part II <i>Phil Padrid</i>
9:00am-9:30am	REFRESHMENT BREAK IN EXHIBIT HALL				
9:30am-10:30am	Gastrointestinal Surgery in Birds <i>R. Avery Bennett</i>	Review of Bovine Viruses BRSV and PI3 <i>Victor Cortese</i>	Of Mice & Men (and DOGS!) – Vaccines for Melanoma and Other Cancers? <i>Philip Bergman</i> Sponsored by 	Septic Arthritis and Tenosynovitis Diagnosis and Treatment <i>John Caron</i>	Feline Pleural Disease -Diagnosis and Treatment - Part I <i>Phil Padrid</i>
10:30am-11:00am	REFRESHMENT BREAK IN EXHIBIT HALL				
11:00am-12:00pm	Reproductive Surgery in Birds <i>R. Avery Bennett</i>	Less Common Viral Diseases and Emerging Viruses <i>Victor Cortese</i>	Top 10 Recent Advances in Veterinary Oncology <i>Philip Bergman</i> Sponsored by 	When Joints Are No Longer: Arthrodesis Principles and Techniques <i>John Caron</i>	Feline Pleural Disease -Diagnosis and Treatment - Part II <i>Phil Padrid</i>
12:30pm-1:30pm	NETWORKING LUNCHEON WITH DIPLOMATE MEETING (<i>Harborside Center East</i>)				
1:30pm-2:30pm	Beak Surgery in Birds <i>R. Avery Bennett</i>	BVDV Basic Biology – You Have to Know Your Enemy <i>Julia Ridpath</i>	Practical Rigid Endoscopy <i>Clarence Rawlings</i>	Equine Ophthalmic Examination <i>David Wilkie</i>	Feline Cardiomyopathy: The Complete Story <i>Clarke Atkins</i> Sponsored by 
2:30pm-3:00pm	REFRESHMENT BREAK IN EXHIBIT HALL				
3:00pm-4:00pm	Miscellaneous Surgery in Birds <i>R. Avery Bennett</i>	Impact of BVDV on Reproduction and the Neonate – What Doesn't Kill You Doesn't Always Make You Stronger <i>Julia Ridpath</i>	After the Urinalysis, the Most Powerful Urinary Diagnostic Tool: Cystoscopy <i>Clarence Rawlings</i>	Equine Corneal Diseases and Surgery - Part I <i>David Wilkie</i>	Feline Hypertension: Risks, Diagnosis and Management <i>Clarke Atkins</i> Sponsored by 
4:00pm-4:30pm	REFRESHMENT BREAK IN EXHIBIT HALL				
4:30pm-5:30pm	Avian Orthopedics - Part I <i>R. Avery Bennett</i>	BVDV and Respiratory Disease – The Realities of Living in a Biological Soup <i>Julia Ridpath</i>	Diagnosis of the Difficult Nasal Problem: Rhinoscopy <i>Clarence Rawlings</i>	Equine Corneal Diseases and Surgery - Part II <i>David Wilkie</i>	Feline Heartworm Disease: State of the Art in 2008 <i>Clarke Atkins</i> Sponsored by 
5:30pm-6:20pm	CERTIFICATION WORKSHOP (<i>Verelst Percival</i>)				
6:30pm-7:00pm	RECEPTION (<i>Harborside Center</i>)				
7:00pm-9:30pm	ANNUAL SYMPOSIUM DINNER AND FUN NIGHT (<i>Harborside Center</i>) Sponsored by 				

13TH ANNUAL PRACTITIONER'S SYMPOSIUM

SUNDAY - MAY 4, 2008

	Avian (Sloan)	Bovine (Savannah)	Canine (Ballroom A)	Equine (Vernon)	Feline (Verelst Percival)
7:30am-8:00am	COFFEE IN EXHIBIT HALL				
8:00am-9:00am	Avian Orthopedics - Part II <i>R. Avery Bennett</i>	Detecting and Eliminating BVDV – Reducing the Risk <i>Julia Ridpath</i>	Video-Otoscopy Including Surgery <i>Clarence Rawlings</i>	Equine Adnexal Diseases and Surgery <i>David Wilkie</i>	Systemic Arterial Embolism in Cats <i>Clarke Atkins</i> Sponsored by 
9:00am-9:30am	REFRESHMENT BREAK IN EXHIBIT HALL				
9:30am-10:30am	Diseases of the Pancreas <i>Teresa Lightfoot</i>	Use of Vaccination to Control BVDV – Increasing the Resistance <i>Julia Ridpath</i>	Diagnostic Laparoscopy <i>Clarence Rawlings</i>	Equine Recurrent Uveitis <i>David Wilkie</i>	When the Specialist is Out: Case-Based Approach to Feline Cardiovascular Disease for the Generalist - Part I <i>Clarke Atkins</i> Sponsored by 
10:30am-11:00am	REFRESHMENT BREAK IN EXHIBIT HALL				
11:00am-12:00pm	Diseases of the Heart <i>Teresa Lightfoot</i>	Developing Regional BVDV Control Programs <i>Julia Ridpath</i>	Laparoscopy Treatments <i>Clarence Rawlings</i>	Equine Intraocular Disease <i>David Wilkie</i>	When the Specialist is Out: Case-Based Approach to Feline Cardiovascular Disease for the Generalist - Part II <i>Clarke Atkins</i> Sponsored by 



Save the Date

for the

14th Annual Practitioner's Symposium

April 17 -19, 2009 ★ Austin, Texas



LECTURE DESCRIPTIONS

FRIDAY, May 2

CROSS SPECIES



8:00am-12:00pm Corrie Brown

Cross-Species Transfer of Disease: Future Shock is Here

The last twenty years have witnessed a steady parade of emerging diseases, wreaking havoc in both human and animal medicine. Most of these are caused by disease agents moving from one species to another. Many of these will be reviewed and prospects for future incidents will be examined.

AVIAN

1:30pm-2:30pm R. Avery Bennett

Anesthesia - Part I

The anatomy and physiology of the avian respiratory system adapted for flight provides for rapid gas exchange. This can be a benefit as the level and depth of anesthesia with gas agents change quickly; however, when ventilation stops, fatal consequences occur more rapidly than in animals with alveoli. The respiratory anatomy and physiology of birds will be reviewed with respect to anesthesia. Various anesthetic and analgesic agents commonly used in birds will also be discussed.

3:00pm-4:00pm R. Avery Bennett

Anesthesia - Part II

See above for description.

4:30pm-5:30pm R. Avery Bennett

Cranial Coelom/Respiratory Surgery - Part I

Since birds do not have a diaphragm, there is no true chest cavity. Many conditions, congenital and acquired, affect the cranial coelom and respiratory system. Congenital conditions include bifid sternum and choanal atresia. Tracheal resection and anastomosis and tracheotomy are indicated for tracheal masses and foreign bodies, respectively. The lungs, bronchi, pericardium and heart can be approached through a lateral or ventral approach and these will be reviewed in this session.

BOVINE

1:30pm-2:30pm Victor Cortese

Basic Applied Immunology Review

A review of basic immunity including cells, functions and new findings with an emphasis on how to use this information in practice.

3:00pm-4:00pm Victor Cortese

Neonatal Applied Immunology

Exciting new advance in neonatal immunology are opening doors for intervention by veterinarians. A review of current information with emphasis on development of the calf's immune system and areas of opportunity to utilize the immune system for prevention of disease in the young calf.

4:30pm-5:30pm Victor Cortese

Using the Immune System in Every Day Cattle Practice

This final session of current bovine immunology, will take many of the concepts learned earlier and look at how to further apply these concepts in practice.

CANINE

Sponsored by



1:30pm-2:30pm Philip Bergman

Mast Cell Tumors: Margins, Markers and Prognostic Factors

Mast cell tumors are extremely common tumors in the dog and are now beginning to be understood as a disease entity in the cat. The diagnostic, prognostic and therapeutic approach to mast cell tumors in dogs and cats will be presented. In addition, the latest in therapeutic and prognostic alternatives will be presented.

3:00pm-4:00pm Philip Bergman

Osteosarcoma – What Chemo?? When??

Osteosarcoma is the most common primary bone tumor in dogs. The diagnostic, prognostic and therapeutic approach to dogs and cats with osteosarcoma will be presented. Particular emphasis will be placed on palliative therapies as well as the easy to remember pros and cons of the presently available and useful adjuvant chemotherapy agents for this disease.

4:30pm-5:30pm Philip Bergman

Mammary Gland Tumors – What You Need to Know

Mammary gland tumors (MGT's) are relatively common tumors in dogs at busy clinical practices. The diagnostic and therapeutic approach for dogs and cats with MGT's will be presented. Particular emphasis will be placed on prognostic factors which will be extremely helpful with decision making concerning the need for adjuvant chemotherapy.

EQUINE

1:30pm-2:30pm John Caron

Osteoarthritis: Pathophysiology and Diagnosis

A better understanding of the treatment and prevention of osteoarthritis is fostered by familiarity with joint structure, function and pathobiology. This presentation reviews the anatomy and physiology of synovial joints and how joint tissues are altered in disease. Reasons why definitive treatment is challenging will be discussed.

3:00pm-4:00pm John Caron

Choosing Among Conventional and Surgical Treatments for Joint Disease

There are a plethora of medications currently available for the treatment of joint disease in horses. The potential benefits, risks, and mechanisms of action of popular anti-arthritis preparations is the topic of this presentation.

4:30pm-5:30pm John Caron

Emerging/Future Medical and Surgical Treatment Strategies

Osteoarthritis is defined by cartilage degeneration and definitive treatment would ideally address this element of the disease. The status of emerging medical and surgical strategies to prevent cartilage loss and replace lost tissue is the topic of this presentation.

FELINE

1:30pm-2:30pm Phil Padrid

Diagnostic Techniques in Feline Respiratory Medicine

This lecture will discuss and demonstrate techniques that can be used in general practice to better determine the causes of sneeze, cough, noisy breathing and pathologic changes in breathing rate and effort in cats.

3:00pm-4:00pm Phil Padrid

Feline Nasal Disease - Diagnosis and Treatment including Balloon Nasoplasty

Sneezing, noisy breathing and nasal discharge are very common symptoms in general practice. This lecture will discuss and demonstrate diagnostic and therapeutic strategies to treat the most common causes of these signs in cats. Videos will be used to supplement lecture material. Audience participation in generating noisy breathing will be requested.

4:30pm-5:30pm Phil Padrid

Feline Bronchitis and Asthma - Diagnosis and Treatment including Use of Inhaled Medications - Part I

This lecture will cover the pathophysiology of bronchial disease in cats, and the current thinking regarding treatment. The lecture will include data using inhaled medications to treat more than 300 patients over the past 10 years. The lecture will also discuss critically the potential role (or not) of heartworm infection in the differential diagnosis of bronchial disease. Videos will be used to supplement the lecture material.



SATURDAY, May 3

AVIAN

8:00am-9:00am R. Avery Bennett

Cranial Coelom/Respiratory Surgery - Part II

See Friday, 4:30pm for description.

9:30am-10:30am R. Avery Bennett

Gastrointestinal Surgery in Birds

Gastrointestinal surgery can be technically challenging because of the small size, the lack of an omentum, and the thickness of the wall of the ventriculus and proventriculus. With the aid of magnifications, even intestinal resection and anastomosis of the small intestine and repair of the colon can have a positive outcome. In this session various procedures performed on the gastrointestinal system including ingluviotomy, ventriculotomy, ventricular biopsy, intestinal surgery, duodenostomy feeding tubes, and cloacotomy will be reviewed.

11:00am-12:00pm R. Avery Bennett

Reproductive Surgery in Birds

Egg binding and chronic egg laying are often managed with surgery. Additionally, there are indications for castration in male birds including cloacal prolapse and aggression. Various reproductive surgical procedures will be covered in this session: salpingohysterotomy, salpingohysterectomy, ovariectomy, orchidectomy, endoscope-assisted salpingohysterectomy, and vasectomy.

1:30pm-2:30pm R. Avery Bennett

Beak Surgery in Birds

The beak of birds is composed of bone and epidermis. It is a unique structure and important for food prehension. Trauma and congenital/developmental abnormalities are most common but infectious disease such as fungal infections can also cause beak deformities. Different methods for correcting beak deformities and treating traumatic injuries of the beak will be discussed in this session.

LECTURE DESCRIPTIONS



3:00pm-4:00pm R. Avery Bennett
Miscellaneous Surgery in Birds

In this session, surgical procedures that do not fit into other categories will be reviewed and include enucleation, ear surgery, wound management, abdominal hernia repair, subcutaneous emphysema from ruptured air sacs, and digital vascular compromise.

4:30pm-5:30pm R. Avery Bennett

Avian Orthopedics - Part I

Bone healing in birds has been studied histologically and parallels bone healing in mammals. Most fixation methods used in mammals are applicable to birds. The principles of bone healing and fracture management will be reviewed. Additionally, a bone by bone discussion of treatment options will be covered. Treatment of angular deformities and cutting edge topics such as joint replacements will also be reviewed.

BOVINE

8:00am-9:00am Victor Cortese

Review of Viral Infections in Cattle Bovine Herpes Viruses

Often the forgotten viruses of cattle, bovine herpes viruses continue to cause problems for cattle producers. An update on current research and a review of what is known about this virus and potential vaccination strategies and interactions will be discussed.

9:30am-10:30am Victor Cortese

Review of Bovine Viruses BRSV and PI3

Considered to be the most important viral infection of young calves in Europe, BRSV and its related viral cousin PI3 will be reviewed and newer information on BRSV interactions with rumen health and future vaccination options will be covered.

11:00am-12:00pm Victor Cortese

Less Common Viral Diseases and Emerging Viruses

While we routinely discuss the big four viral infections of cattle, other viruses such as bovine leukosis virus are emerging as major economic diseases in larger herds. Some of the less common viruses will be discussed along with a review of rotavirus and coronavirus and newer viruses that may emerge as potential disease pathogens.

1:30pm-2:30pm Julia Ridpath

BVDV Basic Biology — You Have to Know Your Enemy

In order to understand why there are so many different strains of BVDV and why it is so challenging to control you need to understand its' biology. In this session we will cover the basic nature of the virus, describe the types of BVDV, how it replicates and ways in which it mutates.

3:00pm-4:00pm Julia Ridpath

Impact of BVDV on Reproduction and the Neonate — What Doesn't Kill You Doesn't Always Make You Stronger

While the term diarrhea is in the name, BVDV has a bigger effect as a reproduction and respiratory pathogen than it does as a gastrointestinal one. In this session we will discuss how BVDV causes problems in reproduction and the impact that BVDV infection has on neonates.

4:30pm-5:30pm Julia Ridpath

BVDV and Respiratory Disease — The Realities of Living in a Biological Soup

BVDV joins forces with other pathogens in causing respiratory disease. In this session we will discuss stress, immune dysfunction and interaction between BVDV and other pathogens.

CANINE Lectures of Philip Bergman Sponsored by Merial

8:00am-9:00am Philip Bergman

Lymphoma — Anything New?

Lymphoma is the most common tumor of the cat, and one of the most common tumors in the dog. The diagnostic, prognostic and therapeutic approach to this tumor will be discussed. Particular emphasis will be placed on the various treatment protocols available, as well as options for rescue chemotherapy in dogs and cats.

9:30am-10:30am Philip Bergman

Of Mice & Men (and DOGS!) — Vaccines for Melanoma and other Cancers?

Malignant melanoma is an extremely malignant and metastatic tumor in dogs and it is the most common oral tumor. Most patients with oral malignant melanoma will go on to die of distant metastatic disease in the face of appropriate local tumor control and systemic chemotherapy, which strongly suggests novel therapies are desperately needed. We will review and discuss the use of a new therapeutic vaccine for canine oral malignant melanoma.

11:00am-12:00pm Philip Bergman

Top 10 Recent Advances in Veterinary Oncology

Many clients with pets expect the same level of care from their veterinarians as they expect for themselves from their physician. This is especially true for clients with pets that have cancer. In order to provide this level of care, one must understand and employ the recent advances in medical, surgical and radiation oncology that will be presented in this discussion.

1:30pm-2:30pm Clarence Rawlings

Practical Rigid Endoscopy

Case examples of application will be presented. Most of this talk will then address equipment requirements, purchase, and care. Tips will be presented on integration of a new technology into your daily practice.

3:00pm-4:00pm Clarence Rawlings

After the Urinalysis, the Most Powerful Urinary Diagnostic Tool: Cystoscopy

Cystoscopy is an essential diagnostic tool and can provide treatment for calculi removal, ectopic ureter correction, and assist with management of transitional cell carcinoma. Techniques and cases will be presented.

4:30pm-5:30pm Clarence Rawlings

Diagnosis of the Difficult Nasal Problem: Rhinoscopy

Patients that can benefit from rhinoscopy using a rigid scope include those with persistent nasal discharge, epistaxis, sneezing, choking, nasal scratching, nasal pain, facial swelling, nasally noisy breathing, nasal cancer, and history of foreign body inhalation. Cases using rhinoscopy for problem solution will be presented.

EQUINE

8:00am-9:00am John Caron

Nutraceuticals: Do They Work?

Recent laboratory and clinical research regarding the mechanisms of action and efficacy of glucosamine and chondroitin sulfate will be reviewed.

9:30am-10:30am John Caron

Septic Arthritis and Tenosynovitis Diagnosis and Treatment

While diagnosis of infected synovial structures is typically relatively easy, effective treatment can be very challenging. Treatment principles and practices have evolved and currently accepted methods for management of septic synovial structures will be presented.

11:00am-12:00pm John Caron

When Joints Are No Longer: Arthrodesis Principles and Techniques

The principles and common techniques for arthrodesis of amenable joints in the horse will be discussed.

1:30pm-2:30pm David Wilkie

Equine Ophthalmic Examination

Although the principles of ophthalmology are similar across species, the equine eye presents particular challenges to ophthalmic examination and treatment. A discussion of ophthalmic nerve blocks, required ophthalmic equipment, tips to facilitate examination, normal vs. abnormal and treatment tips will be presented.

3:00pm-4:00pm David Wilkie

Equine Corneal Diseases and Surgery - Part I

Traumatic, ulcerative and infectious keratitis are common, severe and costly diseases of the equine eye. Early diagnosis and prompt medical and surgical intervention are required to ensure a successful outcome. Evaluation of the equine cornea, submission and interpretation of diagnostic samples, medical treatment and when to consider surgical intervention will be presented.

4:30pm-5:30pm David Wilkie

Equine Corneal Diseases and Surgery - Part II

See above for description.

FELINE Lectures of Clarke Atkins Sponsored by Merial

8:00am-9:00am Phil Padrid

Feline Bronchitis and Asthma - Diagnosis and Treatment including Use of Inhaled Medications - Part I

See Feline - Friday, 4:30pm for description.

9:30am-10:30am Phil Padrid

Feline Pleural Disease -Diagnosis and Treatment - Part I

Pleural disease, including accumulation of fluid, air and/or soft tissue within the pleural space, is a potentially life threatening development in cats. This lecture will discuss the most common causes of pleural disease, and the treatments most likely to be effective in each case. Videos will be used to supplement the lecture material.

LECTURE DESCRIPTIONS

11:00am-12:00pm Phil Padrid

Feline Pleural Disease -Diagnosis and Treatment - Part II

See above for description.

1:30pm-2:30pm Clarke Atkins

Feline Cardiomyopathy: The Complete Story -Part I

Feline hypertrophic, restrictive, and dilated cardiomyopathies, the most important heart diseases of cats, are covered completely, including pathogenesis, etiology, diagnosis, pitfalls, therapy, and prognosis. In addition, new information regarding the prevention of systemic emboli and the emerging syndrome of endomyocarditis are presented.

3:00pm-4:00pm 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.

4:30pm-5:30pm 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 a 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.

SUNDAY, May 4**AVIAN**

8:00am-9:00am R. Avery Bennett

Avian Orthopedics - Part II

See Avian - Saturday, 4:30pm for description.

9:30am-10:30am Teresa Lightfoot

Diseases of the Pancreas

Anatomy, Physiology and Disease. We will discuss the general and comparative anatomy and physiology of the avian (vs. mammalian) pancreas, and diseases such as hyperglycemia, glucagon excess, and exocrine pancreatic insufficiency.

11:00am-12:00pm Teresa Lightfoot

Diseases of the Heart

This session will address what is known and what is unknown regarding the clinical, radiographic and echo cardiologic diagnosis of avian heart disease. The physiologic basis for pulmonary hypertension will also be addressed.

BOVINE

8:00am-9:00am Julia Ridpath

Detecting and Eliminating BVDV – Reducing the Risk

There are numerous tests available for detecting BVDV. In this session we will discuss how these tests work and their advantages and disadvantages. We will also discuss testing schemes.

9:30am-10:30am Julia Ridpath

Use of Vaccination to Control BVDV – Increasing the resistance

There are more than 100 BVDV vaccines available on the U.S. market. In this session we will talk about the different types of vaccines, the components and differences between commercial products and what a producer can expect from vaccines.

11:00am-12:00pm Julia Ridpath

Developing Regional BVDV Control Programs

BVDV control programs are well on their way in Europe. In this session we will discuss the various approaches to BVDV control being used in the U.S.

CANINE

8:00am-9:00am Clarence Rawlings

Video-Otoscopy Including Surgery

Video-Otoscopy can be the method to introduce rigid endoscopy into your practice as it is frequently indicated and the client can directly appreciate what is going on inside their pet's ears. In addition to routine use in dogs and cats with ear disease, it should be used in animals with chronic skin disease, breeds commonly effected by ear disease, and older dogs undergoing geriatric exam. The diagnostic use will be supplemented with minimally invasive and major surgical treatments.

9:30am-10:30am Clarence Rawlings

Diagnostic Laparoscopy

Laparoscopy to explore the abdomen, obtain organ biopsies, evaluate abdominal masses, and do cancer staging is being used in both general and specialty practices. The diagnostic yield is high and it is minimally invasive as compared to the traditional "stem to stern" laparotomy. Clients love this option and prefer it to traditional surgery.

11:00am-12:00pm Clarence Rawlings

Laparoscopy Treatments

When we think of surgery on ourselves, we want treatments with minimal surgical insult. Laparoscopic treatments are what many owners want for their four-legged family members. Current clinical laparoscopic treatments include incisional gastropexy (preventative and bloat treatment), enterostomy tube placement, cryptorchid castration, ovariohysterectomy (or ovariectomy), cystopexy for retroflexed bladder in perineal hernia, cystoscopic calculi & polyp removal, colopexy for recurrent rectal prolapse, gastrostomy for foreign body removal, attenuation of

portosystemic shunts, adrenalectomy, and cholecystectomy. The ability to do many as laparoscopic assisted techniques, the use of new energy devices, and wet lab training make many of these procedures applicable to general practice.

EQUINE

8:00am-9:00am David Wilkie

Equine Adnexal Diseases and Surgery

Congenital, traumatic, neoplastic and other diseases of the equine adnexa will be presented. Medical and surgical management will be discussed. Many of these can be done standing or with short anesthesia in the field.

9:30am-10:30am David Wilkie

Equine Recurrent Uveitis

Equine recurrent uveitis is the most common equine ocular disease and the number one reason for equine blindness. Its costs in terms of veterinary care, drugs, pain, loss of use and emotional trauma to the owner are high. Clinical signs, risk factors, breed predisposition and medical and surgical management, including the new ideas of intravitreal cyclosporin implantation and total vitrectomy, will be discussed.

11:00am-12:00pm David Wilkie

Equine Intraocular Disease

In addition to equine recurrent uveitis, horses have numerous significant intraocular diseases including glaucoma, neoplasia, cataract, retinal detachment, equine motor neuron disease and optic nerve degeneration. The clinical signs, diagnosis and when appropriate treatment for these and other intraocular diseases will be discussed.

FELINESponsored by 

8:00am-9:00am Clarke Atkins

Systemic Arterial Embolism in Cats

There has been progress in treating and preventing this deadly and frustrating complication. After a discussion of the disease and its prognosis, a new therapeutic approach which has been quite successful in the author's clinic will be discussed.

9:30am-10:30am Clarke Atkins

When the Specialist is Out: Case-Based Approach to Feline Cardiovascular 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.

11:00am-12:00pm Clarke Atkins

When the Specialist is Out: Case-Based Approach to Feline Cardiovascular Disease for the Generalist - Part II

See above for description.



SPEAKER BIOS

Clarke Atkins, DVM, DACVIM

Dr. Atkins graduated from the University of California in 1972 and completed an internship at the Angell Memorial Animal Hospital. After spending time in private practice, he returned to academia at Oklahoma State University. Since then he has been on the faculty of the University of Wisconsin and North Carolina State University, where he is a professor of Medicine and Cardiology. He is board-certified in Internal Medicine and Cardiology by the ACVIM. His research revolves around canine and feline heartworm disease and pharmacologic therapies of cardiac disease in dogs, cats, and horses.

R. Avery Bennett, DVM, MS, DACVS

Dr. Bennett graduated from Michigan State University, College of Veterinary Medicine in 1983 with high honors. From there he completed a rotating internship in small animal medicine and surgery at Texas A&M University. In 1987, he completed his small animal surgery residency at Colorado State University along with a Master's degree in clinical sciences. In February of 1988 he became a Diplomate of the American College of Veterinary Surgeons while in private practice at the Santa Anita Small Animal Hospital in Monrovia, California. In 1988, he co-founded Veterinary Medical and Surgical Group in Ventura, California and was owner and surgeon until the spring of 1992 when he accepted a position as chief veterinarian for the San Francisco Zoo. After three years with the zoo, in 1995 he became an assistant professor of Zoo and Wildlife Medicine at the University of Florida where he gained tenure and received a promotion to the rank of associate professor in 2000. In the Fall of 2000, he returned to private practice for a brief period as staff surgeon for Bay Area Veterinary Specialists in San Leandro, CA. He returned to academia in December 2001 as associate professor of surgery at the University of Pennsylvania. While serving as a soft tissue surgeon, he also functioned as residency program director for surgery and as interim chief of surgery. In August 2004, he returned to Bay Area Veterinary Specialists as a staff surgeon. In July 2007, he returned to academia as professor of small animal surgery at the University of Illinois.

Dr. Bennett is competent in both soft tissue and orthopedic surgery. His areas of interest include surgery of exotic animals, minimally invasive surgery — laparoscopic and thoroscopic surgery, oncologic surgery and microsurgery.

Philip Bergman, DVM, MS, PhD, DACVIM, Oncology

Dr. Bergman is the chief medical officer for BrightHeart Veterinary Centers (www.BrightHeartVet.com), responsible for all aspects of veterinary medicine within the BrightHeart network of hospitals. He is the principal veterinary investigator for the recently conditionally-licensed canine melanoma vaccine available from Merial. Dr. Bergman is an adjunct faculty member of the Memorial Sloan-Kettering Cancer Center and will continue and expand his cancer vaccine program within the BrightHeart network. Prior to Dr. Bergman joining BrightHeart Veterinary Centers, he served as the head of the Donaldson-Atwood Cancer Center at AMC from 1999 — June 2007. After finishing veterinary school from Colorado State in 1990, he was an intern at Kansas State (90-91) and returned to CSU for his medical oncology residency (1991-94) and then completed a PhD in human cancer biology from the M.D. Anderson Cancer Center in Houston (1994-99). He is currently the president of the ACVIM Board of Regents and past president of the Veterinary Cancer Society.

Corrie Brown, DVM, PhD, DACVP

In 1996, Dr. Brown joined the University of Georgia College of Veterinary Medicine as professor and head of the Department of Veterinary Pathology. She currently serves as coordinator of International Veterinary Medicine for the College of Veterinary Medicine. In 2003 she was honored with the university's highest teaching award, the Josiah Meigs Distinguished Teaching Professor. Her professional interests are in infectious diseases of food-producing animals, emerging diseases, and international veterinary medicine. She has published or presented more than 250 scientific

papers and has testified to Congress on issues involving agroterrorism. Dr. Brown has served on many industrial and federal panels, and has been a technical consultant to numerous foreign governments on issues involving infectious diseases and animal health infrastructure.

Dr. Brown received her BS in Animal Behavior from McGill University and her DVM from Ontario Veterinary College at the University of Guelph (1981). She completed a combined residency/PhD in comparative pathology at the University of California at Davis. Her board certification (ACVP) and PhD were both attained in 1986.

John Caron, DVM, DACVS, MS

Dr. Caron is currently a Michigan State University professor of large animal clinical sciences and division head of Equine surgery. He is a graduate of Western College of Veterinary Medicine and completed his surgical residency and master's degree in Saskatoon. He became a Diplomate of the ACVS in 1987. Dr. Caron's research includes cartilage pathobiology, and orthopedic sepsis. His clinical interests are in general surgery with a special interest in orthopedics and laparoscopy.

Victor Cortese, DVM, PhD, DABVP - Bovine

Dr. Cortese is currently the Director of Cattle Veterinary Operations—Cattle Immunology for Pfizer. He educates the North American and international Pfizer sales force, producers and veterinarians on disease management and immunology, as well as performing research on Pfizer products. Previously, he worked at Diamond Scientific in their technical services department, where he was promoted to director of veterinary operations. Before that he worked in private practice in Wisconsin where he also held a non-tenured adjunct professor position with the University of Wisconsin-Madison, College of Veterinary Medicine.

Dr. Cortese has authored many publications on viral infections, immunology, calf management, and several textbook chapters, and has given guest lectures at many veterinary and university meetings, including the American Association of Bovine Practitioners/World Buiatrics Congress and the AVMA.

In 1997, he received the American Association of Bovine Practitioners' Award for Excellence. A diplomate in the dairy practice specialty, Dr. Cortese received his DVM from Michigan State University. In 1999, he completed his Ph.D. in microbiology from the Western College of Veterinary Medicine, University of Saskatchewan.

Teresa Lightfoot, DVM, DABVP - Avian

Dr. Lightfoot received her DVM from the University of Missouri. She completed an externship at the St. Louis Zoo, and has been practicing in Florida since 1980. Dr. Lightfoot is a member of the ABVP — Avian specialty, past Regent for Avian and current Vice-President of ABVP. She served as staff veterinarian for the Suncoast Seabird Sanctuary from 1987 to 2001. Dr. Lightfoot served on the Florida Board of Veterinary Medicine from 1995 to 1999 and served as Chair from 1997-1999. She has authored numerous articles on avian and exotic medicine and surgery and is author and editor of *Clinical Avian Medicine* (2006, Spix Publishing) and *Exotic Pet Behavior* (2006, Elsevier Publishing). She is a reviewer for *Seminars in Avian and Exotic Pet Medicine and Exotic DVM*. Teresa lectures frequently on avian and exotic medicine and surgery both nationally and internationally. Dr. Lightfoot is the recipient of numerous awards, including the Association of Avian Veterinarians Gold Star Award, the Florida Veterinarian of the Year award, the 2001 Exotic Veterinarian of the Year awarded to her by the International Conference on Exotics and the Dr. Ted Lafeber Avian Practitioner Award.

Phil Padrid, DVM

Dr. Padrid graduated from Cornell University in 1985, where he received an award in Cardiology. He completed his internship at Santa Cruz Veterinary Hospital in 1986, residency in small animal medicine at UC-Davis Veterinary School in 1988, and a fellowship in pulmonary and critical care

SPEAKER BIOS CONTINUED

medicine at UC-Davis Medical School in 1990. Dr. Padrid served for 10 years as an associate professor of Pulmonary and Critical Care Medicine at the University of Chicago Pritzker School of Medicine. He became a partner in Family Pet Animal Hospital in Chicago full-time in 2003, specializing in respiratory medicine. He remains an associate professor of Molecular Medicine (adj) at the University of Chicago Pritzker School of Medicine, and associate professor of Small Animal Medicine (adj) at the Ohio State University.

Clarence Rawlings, DVM, PhD, DACVS

Dr. Rawlings is a general surgeon who retired June 2004 from the University of Georgia after 30 years. He continues to practice with time divided between being a part-time surgeon at VCA Veterinary Referral Associates in Gaithersburg, MD, as a surgeon at the University of Georgia Small Animal Hospital and as a surgery consultant. Most consultation is providing endoscopic training in veterinary hospitals throughout the United States. He is past president of the American College of Veterinary Surgeons and directs Veterinary Endoscopy Training Symposia at the University of Georgia. In addition to clinical practice, he has conducted basic and clinical research into several areas involving heartworm disease, abdominal surgery, incontinence, and minimally invasive surgery. He works closely with surgical device companies.

Julia Ridpath, PhD

Dr. Ridpath is currently the lead scientist of project "Counter Measures to Control and Support Eradication of Bovine Viral Diarrhea Virus". She is also a research microbiologist for the Virus

and Prion Diseases of Livestock Research Unit at the United States Department of Agriculture. Her professional activities include being a co-editor on the book "Bovine Viral Diarrhea Virus: Diagnosis, Management and Control", serving on the editorial board for Veterinary Research Communications, and the editorial board for Virus Research. Her research includes developing methods to detect, prevent, and control infections of bovine viral diarrhea viruses. Dr. Ridpath received her PhD in 1983 from Iowa State University in Molecular, Cellular, and Developmental Biology and her BA in 1977 from Duane College.

David A. Wilkie, DVM, MS, DACVO

Dr. Wilkie obtained his DVM degree in 1984 from the University of Guelph, Canada. He received both his MS and ophthalmology specialty boards (ACVO) in 1988 from Ohio State University. He served as an assistant professor in the department of Veterinary Clinical Sciences at Ohio State University and was promoted to associate professor of veterinary ophthalmology in 1994. He is currently head of the Section of Ophthalmology. In addition, Dr. Wilkie is an associate professor in the College of Medicine at The Ohio State University. He has trained 13 residents who are Board Certified in the American College of Veterinary Ophthalmologists or the European College of Veterinary Ophthalmologists and has provided advanced training in ophthalmology to over 16 veterinary ophthalmologists from 8 countries. Dr. Wilkie has authored 62 articles and 32 textbook chapters, and serves as a research consultant to numerous research facilities. His areas of interest include ocular surgery, inflammatory diseases of the eye, ocular pharmacology, cataract surgery, intraocular lens implantation, glaucoma, and comparative ophthalmology.

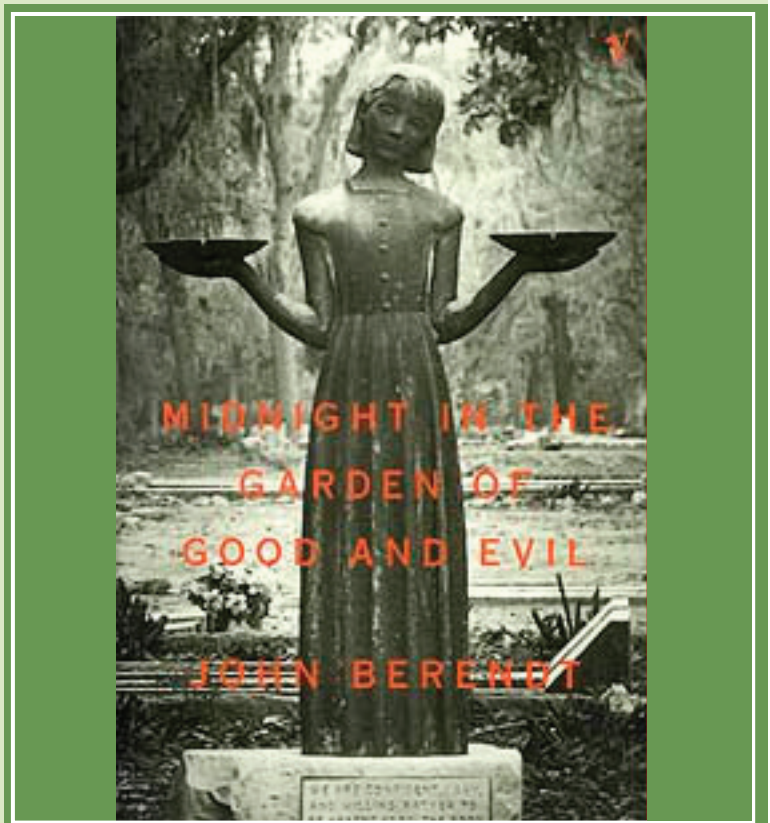
HIGHLIGHTS OF SAVANNAH

Whoever you are, wherever you're from, Savannah welcomes you with true Southern hospitality, just as we've been welcoming guests since 1733. Hip and historic, robust and refined, Savannah is where you'll find amazing architecture, natural beauty, spooky cemeteries and rich history—along with global sophistication, funky nightlife and fabulous food. It's where history resonates into the present day, and where memories are still being made.

Savannah Secrets

Underneath the appealing aesthetics of this centuries old city are some historical accounts and quirky facts that helped to shape our nation.

- The Pirates House, A famous Savannah restaurant, was actually a tavern frequented by pirates who sailed the Caribbean in 1794. Events at the Pirates House were the inspiration for Robert Lewis Stevenson's novel, *Treasure Island*.
- Savannah over the years has become the fictional home of some of the silver screen's most memorable movies including "Forrest Gump," "Roots," "Gator," "Glory," "Something to Talk About," "Midnight in the Garden of Good and Evil," "Forces of Nature," "The General's Daughter," and the Robert Redford golf epic, "Legend of Bagger Vance."
- In 2002, the American Institute of Parapsychology named Savannah, "America's Most Haunted City." Based on Savannah's history of fires, plagues, wars and voodoo, they determined Savannah was the perfect place for supernatural activity.
- Florence Martus, born August 7, 1868, is a Savannahian whose understanding and application of the words "Southern Hospitality" brought her fame as the Waving Girl.
- While the Spanish Moss that hangs from Savannah's majestic oaks is a true reminder that you are in the romantic deep South, it does not make a great souvenir. Often undetectable by the naked eye, a small biting bug called a chigger makes Spanish Moss its home.
- More than 40 percent of 2,500 buildings inventoried in Savannah had architectural or historical significance.
- Girl Scouts of the U.S.A. was founded in Savannah in 1912 by a Savannah woman named Juliette Gordon Low. Her childhood home now serves as the Girl Scouts' National Headquarters. Check out www.savannah-visit.com for more information.



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