



ST. LOUIS
ABVP SYMPOSIUM
april 28-may 1, 2011

**AMERICAN BOARD OF
VETERINARY PRACTITIONERS**

16th Annual ABVP Symposium
Hyatt Regency St. Louis at The Arch
St. Louis, Missouri



ONSITE PROGRAM

HIGHLIGHTS

EXOTIC WET LAB

WEBSTER GROVES ANIMAL HOSPITAL

Meet in the hotel lobby for a 12:00pm departure to Webster Groves Animal Hospital. Buses will depart promptly at 12:00pm. Buses will pick up at 5:30pm at Webster Groves for return to the hotel. Must be pre-registered to attend.

ABVP/AAHA KICK-OFF SEMINAR

REGENCY BALLROOM E, F

In Dr. Kathleen Bonvicini's lecture "Building TRUST: Communication Practice Workshop", learn how to address unique client communication challenges faced by all members of the veterinary team. Attendees will gain practical tips and communication tools for immediate practice application.

REGENTS RECEPTION

GATEWAY EAST

We welcome all attendees to attend this reception hosted by ABVP's regents.

SUNRISE SESSION

REGENCY BALLROOM C

Join Dr. Vicki Wilke for her lecture on Alternative Therapies for Managing Mobility. It will include a discussion of non-pharmacologic arthritis management and feature the benefits of weight loss for patient outcome in dogs with joint trauma.



CROSS SPECIES

REGENCY BALLROOM C

Dr. Michael Ziccardi provides an overview of the oiled wildlife response structure within the United States, the effects of oil on vertebrates and practices used to care for oiled birds and mammals.

Dr. Larry Oxenham discusses Practice Liability and Asset Management. Discover the tools you can use to become invincible to lawsuits, save thousands in taxes and achieve financial peace of mind. It takes a lifetime to accumulate your assets. Take two hours to protect them.

NETWORKING LUNCHEONS

REGENCY BALLROOM D

Join your colleagues for these popular networking opportunities. Tickets for entrance to each luncheon are included in your onsite registration packet.

Friday, April 29: 12:00pm-12:50pm

Saturday, April 30: 12:30pm-2:00pm

WELCOME RECEPTION

REGENCY BALLROOM PRE-FUNCTION

Friday, April 29, 5:30pm-7:00pm.



ITEM WRITING WORKSHOP

REGENCY BALLROOM F

Friday, April 29, 7:00pm-10:00pm. ABVP Diplomates interested in writing exam items to earn credits toward recertification must receive training in item writing. This workshop will focus on item style, cognitive levels, situational sets and other item writing basics.

CERTIFICATION WORKSHOP

REGENCY BALLROOM F

Saturday, April 30, 5:45pm-6:30pm. Attendees considering ABVP certification are invited to participate in this workshop. Topics will include application and case report preparation, study tips, deadlines, fees and exam structure.

DIPLOMATE MEETING

REGENCY BALLROOM E

Saturday, April 30, 5:45pm-6:30pm. ABVP Diplomates in attendance are encouraged to attend this business meeting. Council of Regent members will be present to answer questions and listen to suggestions.

AVTCP QUESTION AND ANSWER SESSION

STUDIO STERLING 8

Saturday, April 30, 5:45pm-6:30pm. Technicians in attendance are invited to participate in this workshop. Learn about AVTCP certification and its application process.

ANNUAL SYMPOSIUM DINNER AND AWARDS

REGENCY BALLROOM D

Saturday, April 30, 7:45pm-9:45pm. We hope you made plans to attend as we recognize newly certified Diplomates and recertified Diplomates. The dinner will be preceded by a cocktail reception from 7:00pm-7:45pm. Tickets for entrance to the reception and dinner are included in your onsite registration packet. No additional dinner reservations will be taken after 12:00pm on Friday, April 29.



OVERALL PROGRAM SCHEDULE

THURSDAY - APRIL 28, 2011

12:30pm-5:30pm Ticket Required	WET LAB Rabbit Dentistry: Basics and Beyond, Treatment of Periapical Infections in Pet Rabbits. <i>Vittorio Capello and Michael Dutton, Webster Groves Animal Hospital</i>
1:00pm-5:00pm	ABVP/AAHA KICK-OFF SEMINAR Cross Species: Building TRUST: Communication Practice Workshop <i>Kathleen Bonvicini, Regency Ballroom E, F</i>
5:45pm-7:00pm	REGENTS RECEPTION <i>Gateway East</i>
7:15pm-8:15pm	WHAT WOULD YOU DO? AN INTERACTIVE DERMATOLOGY SESSION <i>Paul Bloom, Regency Ballroom E</i> 

FRIDAY - APRIL 29, 2011

7:00am-7:50am	SUN RISE SESSION Alternative Therapies for Managing Mobility <i>Vicki Wilke, Regency Ballroom C</i> Sponsored by  IAMS 
8:00am-10:00am	CROSS SPECIES: Oil Spill: Oil Effects on Wildlife & General Medical Concerns <i>Michael Ziccardi, Regency Ballroom C</i>
10:00am-12:00pm	CROSS SPECIES: Practice Liability and Asset Management <i>Larry Oxenham, Regency Ballroom C</i>
9:00am-12:00pm	DIAGNOSTIC IMAGING OF ECM Radiology, Oral Endoscopy, Computed Tomography and Magnetic Resonance <i>Vittorio Capello, Regency Ballroom A</i>
12:00pm-12:50pm Ticket Required	NETWORKING LUNCHEON <i>Dessert will be in Exhibit Hall</i> <i>Regency Ballroom D</i>
12:00pm-1:30pm	EXHIBIT HALL OPENING
1:30pm-2:30pm	LECTURES
2:30pm-3:00pm	BREAK IN EXHIBIT HALL
3:00pm-4:00pm	LECTURES
4:00pm-4:30pm	BREAK IN EXHIBIT HALL
4:30pm-5:30pm	LECTURES
5:30pm-7:00pm	WELCOME RECEPTION with Exhibitors Sponsored By  <i>Regency Ballroom Pre-Function</i>
7:00pm-10:00pm	ITEM WRITING WORKSHOP <i>Regency Ballroom F</i>

SATURDAY - APRIL 30, 2011

7:30am-8:00am	COFFEE IN EXHIBIT HALL
8:00am-9:00am	LECTURES
9:00am-9:30am	BREAK IN EXHIBIT HALL
9:30am-10:30am	LECTURES
10:30am-11:00am	BREAK IN EXHIBIT HALL
11:00am-12:00pm	LECTURES
12:00pm-12:30pm	BREAK IN EXHIBIT HALL
12:30pm-2:00pm Ticket Required	NETWORKING LUNCHEON <i>Regency Ballroom D</i>
2:00pm-3:00pm	LECTURES
3:00pm-3:30pm	BREAK IN EXHIBIT HALL
3:30pm-4:30pm	LECTURES
4:30pm-4:45pm	BREAK IN EXHIBIT HALL
4:45pm-5:45pm	LECTURES
5:45pm-6:30pm	CERTIFICATION WORKSHOP <i>Regency Ballroom F</i>
5:45pm-6:30pm	DIPLOMATE MEETING <i>Regency Ballroom E</i>
5:45pm-6:30pm	AVTCP QUESTION AND ANSWER SESSION <i>Sterling Studio 8</i>
7:00pm-7:45pm	DINNER RECEPTION <i>Regency Ballroom D</i>
7:45pm-9:45pm Ticket Required	ANNUAL SYMPOSIUM DINNER & AWARDS PRESENTATIONS <i>Regency Ballroom D</i> Sponsored By 

SUNDAY - MAY 1, 2011

7:30am-8:00am	COFFEE IN EXHIBIT HALL
8:00am-9:00am	LECTURES
9:00am-9:30am	BREAK IN EXHIBIT HALL
9:30am-10:30am	LECTURES
10:30am-11:00am	BREAK IN EXHIBIT HALL
11:00am-12:00pm	LECTURES

NOTES:

PROGRAM SCHEDULE

AVIAN, STERLING STUDIO 1

FRIDAY	SATURDAY		SUNDAY
1:30pm-2:30pm Avian Integument: A Clinical Review I <i>Matthew Johnston</i>	8:00am-9:00am Avian Urogenital: A Clinical Review II <i>Matthew Johnston</i>	2:00pm-3:00pm Case Based Avian Clinical Pathology I <i>Matthew Johnston</i>	8:00am-9:00am Beyond Parrots: Clinically Relevant Husbandry of Anseriformes <i>Matthew Johnston</i>
3:00pm-4:00pm Avian Integument: A Clinical Review II <i>Matthew Johnston</i>	9:30am-10:30am Case Based Avian Clinical Imaging I <i>Matthew Johnston</i>	3:30pm-4:30pm Case Based Avian Clinical Pathology II <i>Matthew Johnston</i>	9:30am-10:30am What's New in Avian Anesthesia and Analgesia I <i>Matthew Johnston</i>
4:30pm-5:30pm Avian Urogenital: A Clinical Review I <i>Matthew Johnston</i>	11:00am-12:00pm Case Based Avian Clinical Imaging II <i>Matthew Johnston</i>	4:45pm-5:45pm Beyond Parrots: Clinically Relevant Husbandry of Galliformes <i>Matthew Johnston</i>	11:00am-12:00pm What's New in Avian Anesthesia and Analgesia II <i>Matthew Johnston</i>

LECTURE DESCRIPTION

Avian Integument: A Clinical Review I & II *Matthew Johnston*

This lecture will present the clinically important anatomy and physiology of the avian skin, followed by a review of disease conditions and clinical management. This will serve as review for clinicians and a study guide for those considering ABVP-Avian certification.

Avian Urogenital: A Clinical Review I & II *Matthew Johnston*

This lecture will present the clinically important anatomy and physiology of the avian urogenital system, followed by a review of disease conditions and clinical management. This will serve as review for clinicians and a study guide for those considering ABVP-Avian certification.

Case Based Avian Clinical Imaging I & II *Matthew Johnston*

After a brief review of imaging techniques, cases will be used to illustrate interpretations of various avian imaging modalities. While radiography will be the most heavily covered topic, alternative modalities such as ultrasound, CT and MRI will be discussed.

Case Based Avian Clinical Pathology I & II *Matthew Johnston*

Cases will be used to compare and contrast avian hematology and plasma biochemistry with that of traditional species. A brief review of sample collection and handling as well as the pros and cons of point-of-care diagnostics will be included.

Beyond Parrots: Clinically Relevant Husbandry of Galliformes *Matthew Johnston*

Enough about parrots! Avian vets will be presented with chickens and game birds as well, and this lecture will serve as an introduction to this unique group of birds, including taxonomy, basic anatomy and physiology and captive husbandry.

Beyond Parrots: Clinically Relevant Husbandry of Anseriformes *Matthew Johnston*

Enough about parrots! Avian vets will be presented with ducks, geese and swans as well, and this lecture will serve as an introduction to this unique group of birds, including taxonomy, basic anatomy and physiology and captive husbandry.

What's New in Avian Anesthesia & Analgesia I & II *Matthew Johnston*

A very thorough and current review of techniques, protocols and cutting-edge thinking in avian anesthesia and analgesia. Topics to be covered include pre-anesthesia medications, constant rate infusions, post-operative pharmacological analgesia and physical therapy.



PROGRAM SCHEDULE

REPTILE & AMPHIBIAN, STERLING STUDIO 2

FRIDAY	SATURDAY		SUNDAY
1:30pm-2:30pm Herptile Parasitology <i>Ryan De Voe</i>	8:00am-9:00am The Mechanics of Snake Reproduction <i>Ryan De Voe</i>	2:00pm-3:00pm Reptile Hematology: Sample Collection <i>Jill Heatley</i>	8:00am-9:00am Reptile Emergency Critical Care I <i>Jill Heatley</i>
3:00pm-4:00pm Reptile Cardiovascular Anatomy and Physiology <i>Ryan De Voe</i>	9:30am-10:30am Reproductive Diseases of Squamate Reptiles <i>Ryan De Voe</i>	3:30pm-4:30pm Reptile Hematology: CBC Comparative <i>Jill Heatley</i>	9:30am-10:30am Reptile Emergency Critical Care II <i>Jill Heatley</i>
4:30pm-5:30pm Insectivorous Reptile Nutrition and Diseases <i>Ryan De Voe</i>	11:00am-12:00pm Amphibian Husbandry <i>Ryan De Voe</i>	4:45pm-5:45pm Reptile Hematology: Biochem Comparative <i>Jill Heatley</i>	11:00am-12:00pm Chelonian Shell Repair <i>Jill Heatley</i>

LECTURE DESCRIPTION

Herptile Parasitology *Ryan De Voe*

This lecture focuses on principles of parasite control as it pertains to captive reptiles and amphibians. Focuses more on diagnostic and treatment techniques than on presenting lists of parasite species.

Reptile Cardiovascular Anatomy and Physiology *Ryan De Voe*

The reptile heart is unique in comparison to the mammalian and avian heart. This lecture covers the differences in anatomy and physiology and addresses some points regarding diagnosis of cardiac disease and anesthesia monitoring.

Insectivorous Reptile Nutrition and Diseases *Ryan De Voe*

Insectivorous reptiles can be difficult to feed properly. This lecture covers basic insectivore nutrition and the diagnosis, treatment and prevention of malnutrition.

The Mechanics of Snake Reproduction

Ryan De Voe

Covers snake reproductive anatomy and physiology. Also covers egg incubation and neonatal care.

Reproductive Diseases of Squamate Reptiles *Ryan De Voe*

Focuses on reproductive diseases of lizards, and to a lesser extent snakes. Covers diagnosis, treatment and prevention of diseases affecting the reproductive tract of both male and female squamates.

Amphibian Husbandry *Ryan De Voe*

Covers basic amphibian husbandry for the practitioner as well as commonly encountered husbandry-related maladies.

Reptile Hematology: Sample Collection

Jill Heatley The variety of sampling sites and appropriate sample site preparation in reptiles and amphibians will be reviewed. Additionally, appropriate use of anticoagulant, sample preparation techniques and common sample artifacts will also be detailed.

Reptile Hematology: CBC Comparative

Jill Heatley

A comparison of hematology findings ranging from the common iguana to the komodo dragon, including Frogs, Toads, Salamanders, Newts, Alligators and Crocodiles, Turtles and Tortoises, Lizards and Snakes will be reviewed. Common cells morphology and differentiation will be detailed. Animals which are expected lymphocytic, heterophilic, azurophilic or basophilic will be discussed. The expected findings in the sick/ill reptiles on the complete blood count will be included.

Reptile Hematology: Biochem Comparative

Jill Heatley

A comparison of normal biochemistry findings ranging from the common iguana to the komodo dragon, including Frogs, Toads, Salamanders, Newts, Alligators and Crocodiles, Turtles and Tortoises, Lizards and Snakes will be reviewed. The limitations of multiple analytes commonly included in the reptilian profile will be discussed. Lymphatic dilution of samples and the affect on biochemical panels will be included. The expected findings in the sick/ill reptiles on the biochemical profile will be included. The lecture will be based on a body systems

centered review of biochemical analytes useful for diagnosis of disease or dysfunction in each system.

Reptile Emergency Critical Care I

Jill Heatley

Assessment of the critically ill reptile or amphibian will be reviewed. Assessment of life, the cardiovascular system, the pulmonary function and hydration status in these uniquely challenging patients will be reviewed. Neurological and musculoskeletal system assessments in comparison to mammals will also be reviewed.

Reptile Emergency Critical Care II

Jill Heatley

An approach to stabilization of the critically ill amphibian or reptile will be discussed. Vascular access points, fluid administration route, rate and type will be reviewed for reptile and amphibian species. Treatment of common true emergencies such as sepsis, toxicity and trauma will be discussed. In addition pseudoemergencies not requiring significant serious intervention or euthanasia, as compared to the companion mammal will also be detailed.

Chelonian Shell Repair *Jill Heatley*

All methods of shell repair so far described in the literature will be reviewed. The pitfalls and positive aspect of each method will be reviewed as well as the practicality of each for maintenance in captivity and release. Aspects of each shell repair which may be more practical for certain species, situation, or for the neophyte or advanced practitioner and based on investment amount will be detailed.

PROGRAM SCHEDULE

FOOD ANIMAL, STERLING STUDIO 6

FRIDAY	SATURDAY		SUNDAY
1:30pm-2:30pm Drivers of Growth and Economics in Mixed Animal Practice I <i>Brad White</i>	8:00am-9:00am Managing Reproductive Losses in Cow-Calf Herds <i>Brad White</i>	2:00pm-3:00pm Case Presentation in Cattle I <i>Marjorie Gill</i>	8:00am-9:00am Medical Conditions in Small Ruminants I <i>Marjorie Gill</i>
3:00pm-4:00pm Drivers of Growth and Economics in Mixed Animal Practice II <i>Brad White</i>	9:30am-10:30am Population Management of Respiratory Disease in Feeder Calves <i>Brad White</i>	3:30pm-4:30pm Case Presentation in Cattle II <i>Marjorie Gill</i>	9:30am-10:30am Medical Conditions in Small Ruminants II <i>Marjorie Gill</i>
4:30pm-5:30pm Identifying Reproductive Losses in Cow-Calf Herds <i>Brad White</i>	11:00am-12:00pm What's New in Feeder Calf Preconditioning Programs <i>Brad White</i>	4:45pm-5:45pm Analgesia, Anesthesia, and Routine Surgeries in Cattle <i>Marjorie Gill</i>	11:00am-12:00pm Surgical Conditions in Small Ruminants <i>Marjorie Gill</i>

LECTURE DESCRIPTION

Drivers of Growth and Economics in Mixed Animal Practice I & II *Brad White*

This presentation will describe the associations between services and business techniques utilized by mixed animal veterinarians and the economic size and growth of the practice. Improving practice profitability in desired areas requires a plan and a systematic approach; specific examples of business methodology used by practitioners will be discussed.

Identifying Reproductive Losses in Cow-Calf Herds *Brad White*

This presentation will describe methods for evaluation of reproductive success in cow-calf herds. Diagnostic methodology to identify herd and individual animal syndromes will be discussed.

Managing Reproductive Losses in Cow-Calf Herds *Brad White*

This presentation will describe common causes of reproductive losses in cow-calf herds and outline basic methods for maintaining reproductive success, including: designing appropriate immunization programs and implementation of relevant biosecurity practices. Emphasis will be placed on common and emerging disease syndromes including *Tritrichomonas fetus*.

Population Management of Respiratory Disease in Feeder Calves *Brad White*

Discussion of common population presentations of respiratory disease and methods for managing this syndrome including: metaphylaxis, vaccination and biosecurity practices.

What's New in Feeder Calf Preconditioning Programs *Brad White*

Discussion of advances in knowledge related to preconditioning beef calves including: vaccination programs, weaning management and economic implications of these decisions.

Case Presentations in Cattle I & II *Marjorie Gill*

This lecture includes a collection of challenging cases in cattle. Discussion includes signalment, history, diagnostic workup and case management.

Analgesia, Anesthesia, and Routine Surgeries in Cattle *Marjorie Gill*

This lecture includes discussion of pain management in cattle as well as commonly used techniques for local and regional analgesia. Brief review of routine surgery techniques in cattle will be covered as well.

Medical Conditions in Small Ruminants I & II *Marjorie Gill*

Common medical conditions in small ruminants including neurological disorders, caseous lymphadenitis, urolithiasis, parasites and plant toxicosis will be covered. Management and prevention of these conditions will also be discussed.

Surgical Conditions in Small Ruminants *Marjorie Gill*

This lecture includes discussion of analgesia, anesthesia and pain management in small ruminants. Common surgical procedures such as surgical dehorning, castration, vaginal prolapse repair and rectal prolapse repair will also be covered.



PROGRAM SCHEDULE

CANINE, REGENCY BALLROOM F

THURSDAY	FRIDAY	SATURDAY		SUNDAY
<p>7:15pm-8:15pm What Would You Do? An Interactive Dermatology Session <i>Paul Bloom</i></p> 	<p>1:30pm-2:30pm G.I. Motility Disorders: Pathogenesis, Diagnosis, and Therapy <i>Robert Washabau</i> </p>	<p>8:00am-9:00am Canine Hepatic Disease: From Diagnosis to Therapy <i>Robert Washabau</i> </p>	<p>2:00pm-3:00pm New Ideas in Canine Pyoderma I <i>Paul Bloom</i> </p>	<p>8:00am-9:00am Adjunctive Pain Meds: The Good. The Bad. The Evidence. <i>Mark Epstein</i></p> 
	<p>3:00pm-4:00pm Difficult Vomiting Disorders: Pathogenesis, Diagnosis, and Therapy <i>Robert Washabau</i> </p>	<p>9:30am-10:30am What's New in the Diagnosis and Management of Canine Atopic Dermatitis I <i>Paul Bloom</i> </p>	<p>3:30pm-4:30pm New Ideas in Canine Pyoderma II <i>Paul Bloom</i> </p>	<p>9:30am-10:30am Locoregional Anesthesia: Back to the Future <i>Mark Epstein</i></p> 
	<p>4:30pm-5:30pm Canine Inflammatory Bowel Disease: The Eight Components of Therapy <i>Robert Washabau</i> </p>	<p>11:00am-12:00pm What's New in the Diagnosis and Management of Canine Atopic Dermatitis II <i>Paul Bloom</i> </p>	<p>4:45pm-5:45pm Pain Neurobiology and Current Practices <i>Mark Epstein</i> </p>	<p>11:00am-12:00pm Emerging and Future Pain Management Modalities <i>Mark Epstein</i> </p>

LECTURE DESCRIPTION

What Would You Do? An Interactive Dermatology Session *Paul Bloom*

Have you sat through enough dermatology lectures? How about an interactive presentation? Participate in a role-playing approach to real-life cases. Dr. Bloom will present actual cases as a client would and you will direct the diagnosis and treatment with guidance as needed by Dr. Bloom (as himself!).

G.I. Motility Disorders: Pathogenesis, Diagnosis, and Therapy *Robert Washabau*

This session will highlight the important motility disorders of the esophagus, stomach, intestine, and colon in the dog and the cat. Emphasis will be placed on new insights into mechanisms of disease and an update on what's new in gastrointestinal prokinetic therapy.

Difficult Vomiting Disorders: Pathogenesis, Diagnosis, and Therapy *Robert Washabau*

This session will provide an overview of the two major mechanisms of vomiting, an algorithm for the diagnosis of the major and minor vomiting disorders and the use of specific and non-specific anti-emetic therapy in the treatment of the difficult vomiting disorders of dogs and cats.

Canine Inflammatory Bowel Disease: The Eight Components of Therapy *Robert Washabau*

This session will emphasize the use of dietary management, exercise, antibiotics, probiotics, anti-diarrheal agents, motility restorative agents, immunosuppressive therapy and behavioral modification in the management of canine IBD.

Canine Hepatic Disease: From Diagnosis to Therapy *Robert Washabau*

There are many types of liver disorders in the dog, i.e., primary parenchymal, neoplastic, vascular, and primary biliary. This session will provide a survey of newer findings in the diagnosis and therapy of canine liver disorders.

What's New in the Diagnosis and Management of Canine Atopic Dermatitis I & II *Paul Bloom*

Canine allergic dermatitis is not what you think it is. Learn the newest concepts and treatment for this most frustrating disease. At the end, a clinical case will be presented. Audience participation on this case will make this a valuable learning experience (and fun!).

New Ideas in Canine Pyoderma I & II

Paul Bloom

New antibiotics, methicillin resistant staph (*S. aureus*, *S. pseudintermedius*, *S. schleiferi*), new culture results (MIC). What's it all mean and how will it make my job easier? Come learn about this most fascinating subject. At the end, a clinical case will be presented. Audience participation on this case will make this a valuable learning experience (and fun!).

Pain Neurobiology and Current Practices *Mark Epstein*

This sessions sets the stage for the 3 that follow. A sound understanding of pain neurology, therapeutic targets and current applications allows the clinician to be--and remain--in the top tier of veterinary pain management practices.

Adjunctive Pain Meds: The Good. The Bad. The Evidence. *Mark Epstein*

A wide array of analgesic medications are at the veterinarian's disposal, and this session will explore the utility of a number already in popular use as well as others that may also have applications in veterinary medicine.

PROGRAM SCHEDULE

LECTURE DESCRIPTION CANINE

Locoregional Anesthesia: Back to the Future *Mark Epstein*

Locoregional anesthesia may be one of the most valuable but underutilized modalities for the management of pain in the peri-operative setting. From the sublime to the sophisticated, this session will explore expanding this utility in any practice setting.

Emerging and Future Pain Management Modalities *Mark Epstein*

This session will explore current applications of biophysical modalities and various regenerative medicine technologies, as well as the anticipated future role of genomics in the management of pain.



EQUINE, STERLING STUDIO 7

FRIDAY	SATURDAY		SUNDAY
1:30pm-2:30pm EHV - 1 Myelopathy and EPM <i>Tommy Divers</i>	8:00am-9:00am Clostridium Difficile and Potomac Horse Fever <i>Tommy Divers</i>	2:00pm-3:00pm Obesity, Insulin Resistance, and Pasture Associated Laminitis <i>Robert Pleasant</i>	8:00am-9:00am Strategies for Management of Chronic Laminitis <i>Robert Pleasant</i>
3:00pm-4:00pm Anaplasmosis and Lyme Disease <i>Tommy Divers</i>	9:30am-10:30am Leptospirosis and Actinobacillus <i>Tommy Divers</i>	3:30pm-4:30pm Dietary Management of Obesity and Insulin Resistance <i>Robert Pleasant</i>	9:30am-10:30am Management of Hoof Wall Cracks & Defects in Performance Horses <i>Robert Pleasant</i>
4:30pm-5:30pm Rhodococcus and Lawsonia <i>Tommy Divers</i>	11:00am-12:00pm MRSA and EHV-5 <i>Tommy Divers</i>	4:45pm-5:45pm Strategies for Management of Acute Laminitis <i>Robert Pleasant</i>	11:00am-12:00pm Management of Foot and Limb Problems in Foals <i>Robert Pleasant</i>

LECTURE DESCRIPTION

EHV - 1 Myelopathy and EPM *Tommy Divers*

This presentation will first discuss epidemiology, clinical signs, treatment, and preventative management of EHV-1 myeloencephalopathy. The diagnosis, including differential diagnoses, and treatment of EPM will be discussed next. Newer information on diagnosis and treatments will be emphasized.

Anaplasmosis and Lyme Disease *Tommy Divers*

Anaplasmosis and Lyme disease are tick-borne diseases that can affect horses. The clinical signs and laboratory findings with anaplasmosis can be variable but are well documented and will be discussed in this talk. Borrelia infections are common in horses. However, most infected horses do not have noticeable clinical signs. Knowledge of clinical signs, pathology in experimental cases, methods of diagnosis and indications for treatment will be discussed.

Rhodococcus and Lawsonia *Tommy Divers*

Rhodococcus equi and Lawsonia intracellularis are common infections of nursing and weaning foals. Some foals may have life threatening clinical signs associated with these infections. This presentation will focus on the epidemiology, clinical diagnosis, treatment and prevention of both diseases.

Clostridium Difficile and Potomac Horse Fever *Tommy Divers*

Clostridium difficile infection in the horse, and in to a lesser degree in foals, can cause life threatening diarrhea. Risk factors for the disease, diagnosis, treatments and prevention will be discussed. Diagnosis, treatments and prevention of Potomac horse fever and laminitis will be outlined.

Leptospirosis and Actinobacillus *Tommy Divers*

Leptospirosis is an emerging disease in horses, associated with uveitis, abortion and renal failure. Diagnosis, treatment and prevention of leptospirosis will be discussed.

Actinobacillus is a common bacterial infection of multiple organ sites in foals and horses and clinical signs and treatment of the multiple disorders will be presented.

MRSA and EHV - 5 *Tommy Divers*

Methicillin-resistant Staphylococcus aureus infections are becoming more common in equine practice. This presentation will review all recent information on this infectious disease in the horse. EHV-5 cases will be presented in order to provide pertinent information on this multi-nodular pulmonary disease.

Obesity, Insulin Resistance, and Pasture Associated Laminitis *Robert Pleasant*

Obesity, insulin resistance and pasture associated laminitis are important problems facing the horse industry today. This presentation reviews the current knowledge on the association between these problems in horses.

PROGRAM SCHEDULE

LECTURE DESCRIPTION

EQUINE

Dietary Management of Obesity and Insulin Resistance *Robert Pleasant*

Obesity and insulin resistance increases the risk for development of laminitis in horses. This presentation discusses dietary strategies for the management of obesity and insulin resistance in horses.

Strategies for Management of Acute Laminitis *Robert Pleasant*

This presentation provides principles and examples of management of acute laminitis in horses.

Strategies for Management of Chronic Laminitis *Robert Pleasant*

This presentation provides principles and examples of management of chronic laminitis in horses.

Management of Hoof Wall Cracks & Defects in Performance Horses *Robert Pleasant*

This presentation reviews the common hoof wall problems in performance horses and provides strategies for managing these problems in horses that need to continue to train and compete.

Management of Foot and Limb Problems in Foals *Robert Pleasant*

Foot and limb problems are common in foals and their management impacts adult conformation and function. This presentation provides a review of common foot and limb problems in foals, and discusses strategies to manage them.

EXOTIC COMPANION MAMMAL, STERLING STUDIO 3

THURSDAY	FRIDAY	SATURDAY		SUNDAY
12:30pm-5:30pm Wet Lab - Rabbit Dentistry / Basics and Beyond, Treatment of Periapical Infections in Pet Rabbits - 5 Hours <i>Vittorio Capello & Michael Dutton</i> (Webster Groves Animal Hospital) **Depart Hotel via bus at 12:00pm. Meet in hotel lobby.	9:00am-12:00pm Diagnostic Imaging of ECM Radiology, Oral Endoscopy, Computed Tomography and Magnetic Resonance <i>Vittorio Capello, Regency Ballroom A</i>	8:00am-9:00am Orthopedic Diseases of ECM I <i>Vittorio Capello</i>	2:00pm-3:00pm Dermatologic Diseases of ECM I <i>Joerg Mayer</i>	8:00am-9:00am Diseases of the Urogenital Tract of ECM I <i>Michael Dutton</i>
	1:30pm-2:30pm Diseases of Eye and Ear I <i>Joerg Mayer</i>	9:30am-10:30am Orthopedic Diseases of ECM II <i>Vittorio Capello</i>	3:30pm-4:30pm Dermatologic Diseases of ECM II <i>Joerg Mayer</i>	9:30am-10:30am Diseases of the Urogenital Tract of ECM II <i>Michael Dutton</i>
	3:00pm-4:00pm Diseases of Eye and Ear II <i>Joerg Mayer</i>	11:00am-12:00pm Orthopedic Diseases of ECM III <i>Vittorio Capello</i>	4:45pm-5:45pm Dermatologic Diseases of ECM III <i>Joerg Mayer</i>	11:00am-12:00pm Diseases of the Urogenital Tract of ECM III <i>Michael Dutton</i>
	4:30pm-5:30pm Diseases of Eye and Ear III <i>Joerg Mayer</i>			

LECTURE DESCRIPTION

Wet Lab - Rabbit Dentistry / Basics and Beyond, Treatment of Periapical Infections in Pet Rabbits

Vittorio Capello & Michael Dutton

Lab participants will perform the following procedures: positioning of the rabbit on the table mouth gag, oral endoscopy on the cadaver, positioning of the regular mouth, coronal reduction of cheek teeth, extraction of cheek teeth, flushing of cheek teeth, and extraction of incisor teeth. A practical lecture will also be given titled "Surgical treatment of Periapical infections, abscesses and osteomyelitis in Pet Rabbits". For further details, please visit www.abvp.com.

Diagnostic Imaging of ECM: Radiology, Oral Endoscopy, Computed Tomography and Magnetic Resonance *Vittorio Capello*

Radiology: This three-hour lecture will cover radiology, oral endoscopy, CT and MRI. The radiology presentation reviews the standard equipment, positioning techniques, most common errors, tips and tricks for getting high quality radiographs in the species. The oral endoscopy presentation will review the process in rabbits, rodents and ferrets. Basics of CT and Magnetic Resonance will be shown during the final hour and diagnosis of clinical cases on rabbits and rodents achieved with CT and MRI will be discussed. For further details, please visit www.abvp.com.

Diseases of Eye and Ear I *Joerg Mayer*

This lecture will serve as an overview of the general anatomy of the eye and the ear in the rabbit and other small mammals.

Diseases of Eye and Ear II *Joerg Mayer*

This lecture will deal with diagnostic methods to determine the problem and the extend of the lesions in order to develop an accurate treatment plan.

Diseases of Eye and Ear III *Joerg Mayer*

This lecture will deal with medical and surgical management of the conditions affecting the eyes and ears in small mammals.

PROGRAM SCHEDULE

LECTURE DESCRIPTION EXOTIC COMPANION MAMMAL

Orthopedic Diseases of ECM I, II & III

Vittorio Capello

This three-hour session will provide an extensive review of musculoskeletal lesions of Exotic Companion Mammals. Radiology of orthopedics, fracture treatment, other orthopedic surgical procedures will be presented and discussed.

Dermatologic Diseases of ECM I, II & III

Joerg Mayer

This lecture is part of a three-hour in depth course on dermatological condition of small mammals.

Diseases of the Urogenital Tract of ECM I, II & III

Michael Dutton

Various aspects of ECM urogenital diseases will be presented. Aspects included will be species, pathology, etiology, diagnostics and treatment.



FELINE, REGENCY BALLROOM E

FRIDAY	SATURDAY		SUNDAY
1:30pm-2:30pm Diagnosis and Management of the Pruritic Cat in the Real World <i>Paul Bloom</i>  	8:00am-9:00am Infectious Causes of Diarrhea in the Cat: An Overview <i>Julia Veir</i>	2:00pm-3:00pm Infections Causes of Anemia in Cats <i>Julia Veir</i>	8:00am-9:00am Hypertension and Hyperthyroidism <i>Thomas Graves</i>
3:00pm-4:00pm Immune Mediated Skin Disease in the Cat <i>Paul Bloom</i>  	9:30am-10:30am Mycoplasmal Disease in Cats <i>Julia Veir</i>	3:30pm-4:30pm Treatment Options for Feline Diabetes: What's the Evidence? <i>Thomas Graves</i>	9:30am-10:30am Glands Behaving Badly I <i>Thomas Graves</i>
4:30pm-5:30pm Otitis Externa and Media in the Cat <i>Paul Bloom</i>  	11:00am-12:00pm Viral Infections in Cats: An update on FeLV, FIV and Influenza <i>Julia Veir</i>	4:45pm-5:45pm When Insulin Therapy is Not Working: Is it the Insulin or is it the Cat? <i>Thomas Graves</i>	11:00am-12:00pm Glands Behaving Badly II <i>Thomas Graves</i>

LECTURE DESCRIPTION

Diagnosis and Management of the Pruritic Cat in the Real World *Paul Bloom*

Pruritus is a common reason owners bring their cats to a veterinarian. This lecture will focus on an efficient way to diagnose and manage these cases. New information concerning the diagnosis and management of pruritic cats will be presented.

Immune Mediated Skin Disease in the Cat *Paul Bloom*

Immune mediated skin disease, both pemphigus foliaceus and cutaneous vasculitis, can be life threatening. Once diagnosed, potent immunosuppressive and/or immunomodulating drugs need to be administered. Learn how to diagnose and safely manage these diseases.

Otitis Externa and Media in the Cat

Paul Bloom

Feline otitis externa can be a challenging problem. Success in managing these cases is dependent on identifying and managing

the INITIAL trigger. Primary, predisposing and perpetuating factors will be discussed. Uniqueness of feline otitis externa and media will be emphasized.

Infectious Causes of Diarrhea in the Cat: An Overview *Julia Veir*

Diarrhea in cats is often associated with chronic inflammatory conditions requiring intestinal biopsies. However, many infectious organisms should be considered and evaluated prior to more invasive diagnostics. A review of the diagnosis and treatment of the commonly implicated organisms will be presented.

Mycoplasmal Disease in Cats *Julia Veir*

Mycoplasmas are associated with respiratory, hematologic and inflammatory conditions in the cat. A review of the currently available literature and clinical presentations will be presented, with emphasis on the non-hemotropic mycoplasmas.

Viral Infections in Cats: An update on FeLV, FIV and Influenza *Julia Veir*

Clinical presentations, diagnosis and treatment of viral infections in cats continue to evolve. A review of the recent changes in these viruses will be presented.

Infections Causes of Anemia in Cats *Julia Veir*

Anemia in the cat is most often associated with chronic diseases in the cat. However, infectious organisms should be on the differential list as well. A review of the more commonly diagnosed organisms will be presented.

Treatment Options for Feline Diabetes: Whats the Evidence? *Thomas Graves*

Information on human insulin analogs, PZI, Oral Hypoglycemic Drugs, Dietary Management, Intensive Home Glucose Testing and Treatment Monitoring will be presented.

PROGRAM SCHEDULE

LECTURE DESCRIPTION

FELINE

When Insulin Therapy is Not Working: Is it the Insulin or is it the Cat? *Thomas Graves*
Clinical Resistance to Insulin Therapy, its various causes and the Diagnostic Approach to Insulin Resistance will be discussed.

Hypertension and Hyperthyroidism

Thomas Graves



The complex interactions between Thyroid Disease and Kidney Disease will be discussed in the context of Clinical Cases of Hypertension.

Glands Behaving Badly I & II

Thomas Graves

Nightmare Endocrine Cases in Cats will be presented in an interactive format. Disorders of the Parathyroid glands, Thyroid gland, and Adrenal glands and Pancreas will be discussed.

ACADEMY of VETERINARY TECHNICIANS in CLINICAL PRACTICE, MILLS 2

FRIDAY	SATURDAY		SUNDAY
AVIAN/EXOTIC 1:30pm-2:30pm Exotic Small Mammal Anesthesia Techniques <i>Jody Nugent-Deal</i>	CANINE/FELINE 8:00am-9:00am Analgesia and Pain Management I <i>Michael Dutton</i> 	2:00pm-3:00pm Supplemental Nutrition <i>Michael Dutton</i>	PRODUCTION ANIMAL 8:00am-9:00am Beef Cattle Genetics for 2011 and Beyond <i>W. Mark Hilton</i>
3:00pm-4:00pm Reptile Capture, Restraint, Physical Examination and Venipuncture Techniques <i>Jody Nugent-Deal</i>	9:30am-10:30am Analgesia and Pain Management II <i>Michael Dutton</i> 	3:30pm-4:30pm Introduction to Physical Therapy and Rehabilitation <i>Michael Dutton</i>	9:30am-10:30am Castration of Beef Calves: What Does the Science Say About Timing and Technique? <i>W. Mark Hilton</i>
4:30pm-5:30pm The ABC's of Dental Diseases in Rabbits, Guinea Pigs and Chinchillas <i>Jody Nugent-Deal</i>	11:00am-12:00pm Advanced Radiology Techniques <i>Michael Dutton</i> 	4:45pm-5:45pm Novel Surgery Equipment <i>Michael Dutton</i>	11:00am-12:00pm Selection and Development of Replacement Heifers <i>W. Mark Hilton</i>

LECTURE DESCRIPTION

AVIAN/EXOTIC

Exotic Small Mammal Anesthesia Techniques
Jody Nugent-Deal

This lecture will discuss performing anesthesia in exotic small mammals. Common induction, maintenance, peri-operative and post-operative drugs will be discussed. Participants will learn about intubation, catheterization and anesthetic equipment that works on exotic small mammals and how to safely remove animals from anesthesia. It will conclude with an audience participation case study where participants will practice deciding what drugs and equipment to use during a procedure on a patient needing anesthesia.

Reptile Capture, Restraint, Physical Examination and Venipuncture Techniques

Jody Nugent-Deal

This lecture will discuss safe and proper capture and restraint of common reptiles such as snakes, lizards and chelonians. Participants will also learn how to perform a thorough physical examination on each species. Venipuncture techniques will be discussed in detail for each group of animals.

Participants will learn how to obtain blood samples needed for common diagnostic tests.

The ABC's of Dental Diseases in Rabbits, Guinea Pigs and Chinchillas
Jody Nugent-Deal

This lecture will discuss the common causes and symptoms of dental disease in pet rabbits, chinchillas and guinea pigs. Participants will also learn what diagnostics are commonly performed (including the use of radiographs and CT) as well as what treatment options are available. Anesthesia for the dental patient will also be discussed.

CANINE/FELINE

Analgesia and Pain Management I & II
Michael Dutton

The nursing staff is essential in recognizing and managing pain in the hospital setting. They are also one of the primary client contacts for chronic pain issues in pets. The lecture will go over pain management issues and techniques in use today in the clinical setting.

Advanced Radiology Techniques

Michael Dutton

Technicians can perform many of the more advanced radiology techniques performed. These include pneumocystogram, upper GI, double contrast bladder studies and barium swallows. This class reviews indications and techniques of the more common procedures.

Supplemental Nutrition

Michael Dutton
In many cases, patients need nutritional supplementation to aid in their treatment. This can include force feeding, feeding tubes or total parenteral nutrition. Different techniques and equipment choice will be discussed.

Introduction to Physical Therapy and Rehabilitation *Michael Dutton*

Physical therapy and rehabilitation is an emerging field in veterinary medicine. Many aspects of therapy can be performed by the veterinary technician.

PROGRAM SCHEDULE

LECTURE DESCRIPTION

AVTCP

Novel Surgery Equipment *Michael Dutton*

Unique and novel surgical equipment are discussed. This helps patient care and can extend the capabilities of your practice.

PRODUCTION ANIMAL

Beef Cattle Genetics for 2011 and Beyond

W. Mark Hilton

Veterinary Technicians can be an integral part of the beef production medicine program team and understanding basics about beef genetics will enhance your role in this team. Come and learn about current

research on Expected Progeny Differences, use of purebred or composite seedstock, advantages of heterosis and new information on DNA testing for production traits.

Castration of Beef Calves: What Does the Science Say About Timing and Technique?

W. Mark Hilton

The 2008 National Animal Health Monitoring System (NAHMS) data indicates 77% of bull calves in the US are castrated before marketing and 75% of those are castrated before three months of age. With regard to age at castration, does science support this timing or should we delay castration of bulls to gain some additional weight?

Selection and Development of Replacement Heifers *W. Mark Hilton*

Replacement heifers are the future of the beef herd. We will explore how to best select and develop these heifers so they become long-term members of the profitable herd. Beef production medicine is a team effort and having a capable registered veterinary technician on the team will help to ensure success of the overall program. Come learn what some would call unconventional ways to select and develop heifers with the result being an increase in overall herd productivity and profitability.

SPEAKER BIOS

PAUL BLOOM DVM, DABVP, DACVD

Dr. Paul Bloom is a graduate of Michigan State University School of Veterinary Medicine and is a Diplomate of ABVP (C/F) and the American College of Veterinary Dermatology. He has authored articles and book chapters on dermatology and presented over 150 lectures at local, state, national and international meetings. He is a peer reviewer for *Veterinary Dermatology* and *The Veterinary Journal* and has served as an advisory board member of *The Veterinary Journal* January 2008-present.

KATHLEEN BONVICINI Ed.D., M.P.H.

Dr. Bonvicini is the chief executive officer at the Institute for Healthcare Communication. She delivers communication workshops and provides train-the-trainer programs throughout the United States, Canada and in Europe. In addition, she is the project director for the Institute's Veterinary Communication Training Project. She designs and leads the faculty training program that has been successfully implemented in every school of veterinary medicine in the United States and Canada and has recently been introduced into Australia. She has written and presented extensively on the importance of communication training in both human and veterinary medicine. She has also provided clinical consultation to several veterinary practices and hospitals throughout the United States.

VITTORIO CAPELLO DVM, DABVP, DECZM

Dr. Vittorio Capello graduated in 1989 from the School of Veterinary Medicine at the University of Milano, Italy. He has practiced exotic animal medicine exclusively since 1996, and provides professional services for two veterinary clinics in Milano. He is author of the *Rabbit and Rodent Dentistry Handbook* and the *Clinical Radiology of Exotic Companion Mammals*, and has both written and served as guest editor for numerous publications, including the *Exotic DVM* magazine and the *Journal of Exotic Pet Medicine*. He is a member of

the advisory board of *Exotic DVM* magazine and is President Elect of the Association of Exotic Mammal Veterinarians (AEMV). Dr. Capello is a founding Diplomate of the European College of Zoological Medicine (Small Mammal), and Diplomate of the American Board of Veterinary Practitioners (Exotic Companion Mammal). He was the recipient of the Oxbow Exotic Mammal Health Award in 2010.

RYAN DE VOE DVM, DABVP, DACZM

Dr. Ryan De Voe graduated from Oregon State University College of Veterinary Medicine in 1999, followed by a year in private small animal practice before completing an internship in zoological medicine at the University of Georgia and a residency in zoological medicine at NC State/North Carolina Zoo. He worked at the Dallas Zoo prior to returning to a staff position at the North Carolina Zoological Park. Life-long reptile enthusiast; keeps and breeds multiple taxa of boid snakes, focusing on Indo-Australian pythons. Species Survival Plan veterinarian for the Puerto Rican Crested toad; Lizard Taxon Advisory Group Veterinary advisor.

THOMAS DIVERS DVM, DACVIM, DACVECC

Dr. Thomas Divers is a graduate of Virginia Tech and is a Diplomate of the American College of Veterinary Internal Medicine and the American College of Veterinary Emergency and Critical Care. He is interested in all aspects of equine medicine; especially, infections, diseases and critical care

MICHAEL DUTTON DVM, DABVP

Dr. Michael Dutton is a founder of the Association of Exotic Veterinarians and currently serves as Regent for the Exotic Companion Mammal Practice Group of the ABVP. He owns a dog/cat practice, an exotics practice and is medical director for a 24/7 ER/referral practice in New Hampshire. He lectures at a local veterinary technician college and has published articles on veterinary care.

SPEAKER BIOS

MARK EPSTEIN DVM, DABVP, DAAPM, CVPP

Dr. Mark Epstein is a graduate of the University of Georgia College of Veterinary Medicine, and is a Diplomate of ABVP (C/F). He earned certification from the American Academy of Pain Management, and in 2010 became recognized as a Certified Veterinary Pain Practitioner by the International Veterinary Academy of Pain Management. He is Senior Partner and Medical Director of TotalBond Veterinary Hospitals, a small group of AAHA-accredited practices in the Gastonia and Charlotte, NC areas, as well as Carolinas Animal Pain Management which operates out of his TBVH Forestbrook facility. He was president of ABVP 2008-2009, and is currently president of IVAPM 2009-2011.

MARJORIE S. GILL DVM, DABVP

Dr. Marjorie S. Gill is a graduate of Iowa State University and is a Diplomate of ABVP (Food Animal Practice). Her major responsibilities and interests include teaching and hospital service. She has developed several courses and electives in the curriculum at LSU including an Advanced Small Ruminant Medicine and Surgery course. Her goal is to promote student interest in small ruminants.

THOMAS GRAVES DVM, DACVIM

Dr. Thomas Graves is the Chief of Small Animal Internal Medicine at the University of Illinois. He has published more than 60 refereed journal articles, over 30 book chapters, and more than 200 proceedings and abstracts. Dr. Graves has lectured throughout North America, South America, Asia and Europe. His research focus is on geriatric medicine and endocrinology, funded by the AAFP, the AAHA, the Feline Winn Foundation and the National Institutes of Health.

JILL J. HEATLEY DVM, MS, DABVP, DACZM

Dr. Jill Heatley practiced privately for three years as a small and exotic animal and emergency veterinarian before an internship and residency in zoological medicine at LSU. Her master's thesis was based on antipredator conditioning of Mississippi Sandhill Cranes for reintroduction. She served as clinical assistant professor of zoological medicine and attending veterinarian of the Southeastern Raptor Center at Auburn University from 2002-2006. Dr. Heatley is a Diplomate of ABVP (Avian Practice) and ACZM. She is President-Elect of the Horned Lizard Conservation Society and staff veterinarian for Proyecto Guacamayo based in the Tambopata Research Center, Peru.

W. MARK HILTON DVM, DABVP

Dr. Mark Hilton is a graduate of Purdue University and Diplomate of ABVP (Beef Cattle Practice). He was a private practice associate and owner from 1983-1998 in an 80% food animal practice in DeWitt, Iowa. He teaches beef production medicine at Purdue where he has been an Assistant/Associate professor since 1998 and takes 4th year DVM and 2nd year RVT students on food animal ambulatory calls.

MATTHEW JOHNSTON VMD, DABVP

Dr. Matthew Johnston earned his VMD from Penn in 1999 and a small animal internship from UGA in 2000. He was in private emergency/exotics practice from 2000-2001 and then did a Special Species residency at Penn from 2001-2003. He was board certified by ABVP in 2003 in Avian Practice. Dr. Johnston is a consultant for VIN in avian and small/exotic mammals and serves on the AAV Board of Directors.

JOERG MAYER DVM, DABVP

Dr. Joerg Mayer lectures regularly at large national and international conferences on all aspects of exotic animal medicine. Dr. Mayer was in the first class of Exotic Companion Mammal Diplomates with the American Board of Veterinary Practitioners. He currently serves as the President of the Association of Exotic Mammal Veterinarians. Since working at Tufts, Dr. Mayer published many scientific articles, book chapters and co-edited an animal behavior book (*Exotic Pet Behavior*, Elsevier, 2009), which has been translated into French and Portuguese.

JODY NUGENT-DEAL RVT, VTS

Jody Nugent-Deal is a registered veterinary technician at the UC Davis Veterinary Medical Teaching Hospital and works as an anesthesia technician in the Small Animal Anesthesia Department. Ms. Nugent-Deal graduated from the Yuba College Veterinary Technology Program in 1998 where she teaches three classes including radiology, wildlife and exotic animal medicine and a special projects class. Ms. Nugent-Deal was featured on the front cover of the *Veterinary Technician Journal* in 2004.

LARRY OXENHAM

Larry Oxenham is one of America's top asset protection experts, having helped thousands of doctors achieve financial peace of mind by teaching them how to properly structure their assets for lawsuit protection and tax reduction. He has authored and co-authored several articles and books on the subject including *The Asset Protection Bible*. His career has been credited with helping thousands of people save millions of dollars. Larry Oxenham is a nationally recognized speaker who has trained thousands of professionals at hundreds of conventions, conferences and seminars across the country.

SCOTT PLEASANT DVM, DACVS

Dr. Scott Pleasant is an Associate Professor at the Virginia-Maryland Regional College of Veterinary Medicine. He is a Diplomate of the American College of Veterinary Surgeons and currently serves as the director of the Teaching Hospital's Equine Podiatry Service.

JULIA K. VEIR DVM, PhD, DACVIM

Dr. Julie K. Veir received her DVM from the University of Illinois. She completed a residency in small animal internal medicine and a PhD at Colorado State University. She is on faculty in the Department of Clinical Sciences at Colorado State University with a research interest in respiratory and infectious diseases of cats and the appropriate use of diagnostics in veterinary medicine.

SPEAKER BIOS

ROBERT WASHABAU VMD, PhD, DACVIM

Dr. Robert Washabau received his veterinary (VMD) and PhD degrees from the University of Pennsylvania. He is certified in Internal Medicine by the American College of Veterinary Internal Medicine. Dr. Washabau is currently Professor of Medicine and Department Chair of Veterinary Clinical Sciences at the University of Minnesota College of Veterinary Medicine where he teaches, practices, and performs research in gastroenterology and gastrointestinal physiology. Dr. Washabau is a past President of the ACVIM Internal Medicine Specialty and the Comparative Gastroenterology Society. He is the recipient of the Norden Distinguished Teaching Award (1990, 1995), the Ivy League's Lindback Distinguished Teaching Award (1995) and the WSAVA International Scientific Achievement Award (2009). Dr. Washabau currently chairs the International Gastrointestinal Standardization Group which aims to create standards for the clinical and histopathological diagnosis and treatment of G.I. disease.

BRAD WHITE DVM, PhD

Dr. Brad White received his DVM from the University of Missouri-Columbia and worked for six years in a mixed animal practice in southeast Missouri. His focus is beef production medicine and management. Dr. White is a member of the American Veterinary Medical Association, Kansas Veterinary Medical Association, American Association of Bovine Practitioners and Academy of Veterinary Consultants.

VICKI WILKE DVM, PhD, DACVS

Dr. Vicki Wilke received her DVM from the University of Wisconsin-Madison and her PhD from Iowa State University in 2006. She is also the recipient of the 2006 Research Excellence Award from Iowa State University. Dr. Wilke is a Diplomate of the American College of Veterinary Surgeons, and a member of AVMA, the Veterinary Orthopedic Society and the Veterinary Cancer Society. Currently, Dr. Wilke is the Assistant Clinical Specialist and Director of Experimental Surgery for the Department of Veterinary Clinical Science at the University of Minnesota.

MICHAEL H. ZICCARDI DVM, MPVM, PhD

Dr. Michael Ziccardi received his DVM, MPVM and PhD in epidemiology from UC Davis, emphasizing wildlife health and the effects of petroleum exposure in wildlife. He has been an oil spill response veterinarian and coordinator since 1996, responding to more than 20 spills in the US and abroad. He acted as a contract veterinarian for California Department of Fish and Game as well as program coordinator, Assistant Director and senior wildlife veterinarian for California's Oiled Wildlife Care Network at the Wildlife Health Center, UC Davis. His current position is Director of the Oiled Wildlife Care Network and Associate Professor of Clinical Wildlife Health at UC Davis.

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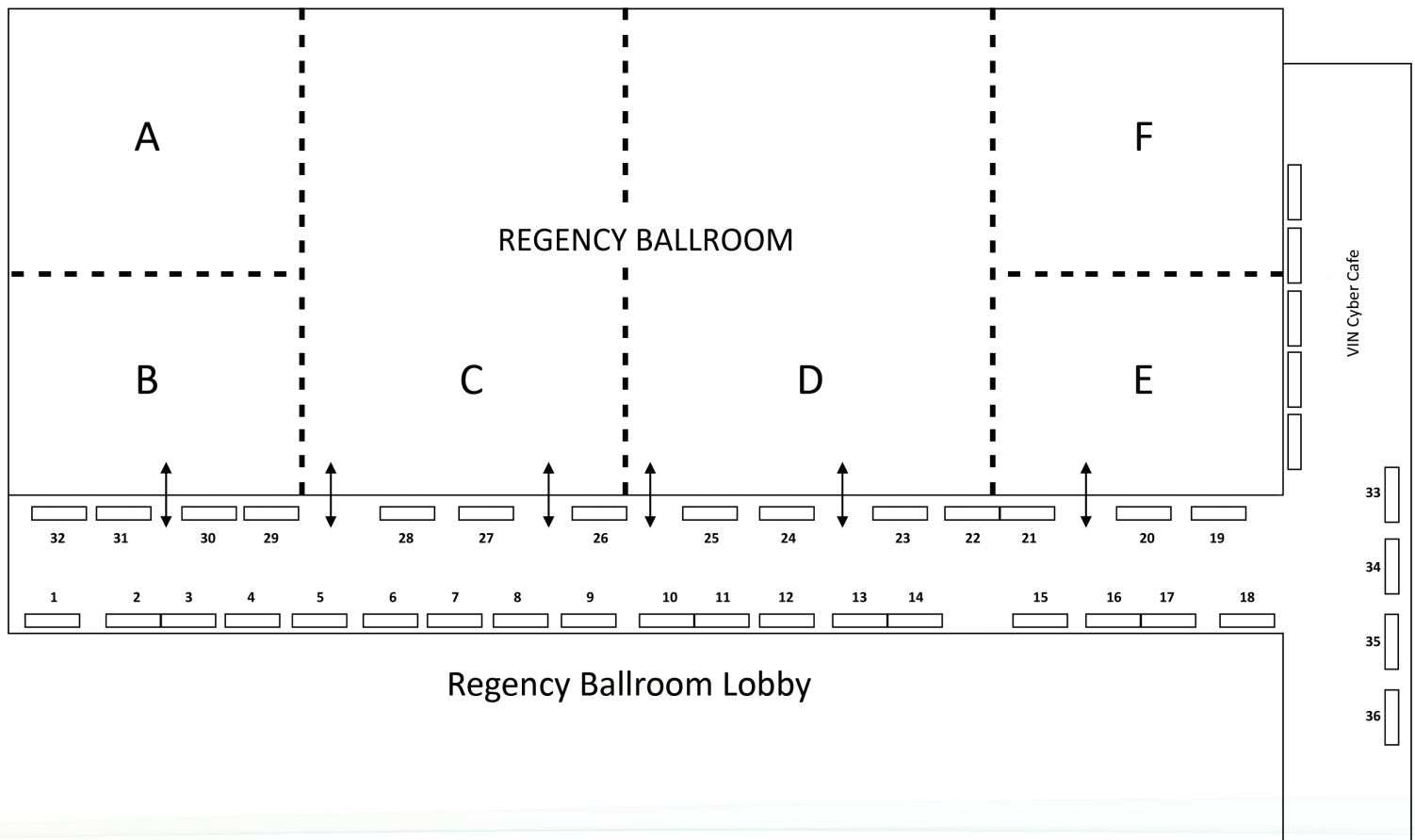
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GENERAL INFORMATION

NAME BADGES

Name badges will be required for participation in all sessions, luncheons and the exhibit hall. Badges may be picked up at the registration desk during the hours listed below.

CANCELLATIONS

Cancellations and refunds are no longer permitted. Should you want to sell your ABVP Annual Dinner ticket, you can do so by posting a notice on the ABVP bulletin board.

CONTINUING EDUCATION CREDITS

Attendees at the conference can earn over 20 hours of continuing education credit. Certificates noting how many hours each course is worth are included in your onsite registration packet.

PROCEEDING NOTES

The Veterinary Information Network (VIN) will make proceedings available via internet at their cyber cafe. No copies of proceedings are available at the registration desk.

REGISTRATION DESK HOURS

Wednesday, April 27:	2:00pm–5:00pm
Thursday, April 28:	10:00am–5:00pm
Friday, April 29:	7:00am–5:00pm
Saturday, April 30:	7:00am–5:00pm
Sunday, May 1:	7:00am–1:00pm

EXHIBIT HALL HOURS

Please take time to visit our exhibitors and sponsors. It is because of their generous and unwavering support that we are able to offer cutting-edge programming and speakers.

Friday, April 29:	12:00pm–7:00pm
Saturday, April 30:	7:30am–6:00pm
Sunday, May 1:	7:30am–11:00am

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Animal Health

A special thank you to **Webster Groves Animal Hospital**
for hosting the rabbit dentistry wet lab.

A special thank you to **VIN** for providing all the proceedings
online and for hosting the cyber cafe.