New Jersey Veterinary Medical Association

NEW JERSEY VETERINARY MEDICAL ASSOCIATION
Founded 1884

129th Annual Meeting

March 1-3, 2013

Hamilton Park Hotel
& Conference Center
Florham Park, NJ

PROGRAM BOOK

NEW JERSEY VETERINARY MEDICAL ASSOCIATION
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129th Annual Meeting

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WELCOME

The New Jersey Veterinary Medical Association proudly welcomes its members and friends to its **129th Annual Meeting**.

The Annual Meeting has returned to the Hamilton Park Hotel & Conference Center for our ninth year. We are confident that attendees and their families will continue to enjoy this location and the activities available in the area.

The Annual Meeting features excellent Continuing Education (CE) in a relaxed, collegial atmosphere. In addition to veterinarian and technician scientific sessions, the Annual Meeting Committee has arranged sessions on disaster and emergency preparedness.

Meet the Executive Board Candidates– The NJVMA Executive Board is responsible for setting the strategic objectives of the association and establishing policy on issues, programs and financial aspects of the association. It's an important job, and we're pleased to have five outstanding candidates for three Board positions. Plan on attending the candidates forum on Saturday, March 2nd, immediately following the annual business meeting luncheon, and hearing their views on the profession and the issues that face it. Make your vote an informed one!

The Annual Meeting Committee has arranged for a fun-filled Saturday evening. Start with a walk through our Exhibit Hall, followed by the exciting New Jersey Veterinary Foundation Silent Auction and bid on some truly outstanding prizes. After dinner on Saturday night, you are truly going to enjoy an evening of entertainment with the ever popular & most entertaining **Dr. Kevin Fitzgerald** - exotic animal practitioner, Renaissance man, Animal Planet star, and quiet the stand up comedian.

This year marks the 18th Annual NJVMA Animal Hall of Fame. This event honors animals that exemplify the strength and value of the human-animal bond.

I would like to take this chance to express my thanks for the outstanding commitments given by the Board and Committee Chairs. With their unstinting dedication and hard work, we have been able to make this a great year for the NJVMA. I particularly want to note the outstanding efforts of **R. Wayne Randolph, VMD** for assembling another outstanding CE program for the annual meeting.

Best wishes for a happy, healthy and prosperous year.

Ian Driben, VMD
President

NEW JERSEY VETERINARY MEDICAL ASSOCIATION
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2012-2013 EXECUTIVE BOARD

Dr. Ian Driben	President
Dr. Neal Beeber	Treasurer
Dr. Anthony DeCarlo	Executive Board Member
Dr. Mary Moon	Executive Board Member
Dr. Daniel Stobie	Executive Board Member
Mr. Richard Alampi	Executive Director

ANNUAL MEETING COMMITTEE

Dr. R. Wayne Randolph	Program Chair
Ms. Nancy Muddell	Silent Auction Coordinator
Ms. Liz Valdivieso	Meetings and Member Services Coordinator

FEATURED SPEAKERS

COMPANION ANIMAL:

Dr.Sharon Center
College of Veterinary Medicine, Cornell University, Ithaca, NY

Dr. Mark E. Epstein
International Veterinary Academy of Pain Management, TotalBond Veterinary Practice, Gastonia, NC

Dr. Michael Lappin
Colorado State University, Fort Collins, CO

Dr. Fred Metzger
Metzger Animal Hospital, State College, PA

Dr. Victor Rendano
eVet Diagnostics, Lansing, NY

Dr. Anne M. Zajac
Virginia/Maryland Regional College of Veterinary Medicine, Blacksburg, VA

DISASTER/EMERGENCY PREPAREDNESS:

Dr. Shari Silverman
New Jersey Department of Agriculture, Trenton, NJ

Dr. Karen Dashfield
Antler Ridge Wildlife Sanctuary, Newton, NJ

Dr. Rebecca Boncheck
Burlington CART, Chester Veterinary Clinic, Bordentown, NJ

Dr. Matthew Edson
Eastampton Veterinary Service, LLC, Eastampton, NJ

TECHNICIAN SUBJECTS:

Ms. Kara M. Burns
Academy of Veterinary Nutrition Technicians, Wamego, KS

Ms. Christina Giovannielli
Red Bank Veterinary Hospital, Tinton Falls, NJ

Ms. Allison Gottlieb
Four Paws Consulting, LLC, Cedar Grove, NJ

Ms. Jennifer Grady-Holmes
Cornell University Veterinary Specialists, Stanford, CT

Ms. Jessica Kerr
Four Paws Consulting, LLC, Clifton, NJ

Ms. Janet McConnell
Red Bank Veterinary Hospital, Tinton Falls, NJ

Ms. Karen Norton
Red Bank Veterinary Hospital, Tinton Falls, NJ

NEW JERSEY VETERINARY MEDICAL ASSOCIATION
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Saturday, March 2, 2013

129th NJVMA Annual Meeting

COMPANION ANIMAL				TECHNICIAN	
7:30 am – 9:00 am Town Hall &			**Breakfast Meeting** (included in your registration)		
Radiology	**The Liver**	**Infectious Disease**	**Laboratory Clinical Medicine**	**Nutrition**	**Emergency & Critical Care**
9:00 am – 9:50 am				**9:00 am – 9:50 am**	
Imaging: "You Can't Handle the Truth" *Dr. Victor T. Rendano*	Gall Bladder Mucocele: What You Need to Know About This Syndrome *Dr. Sharon A. Center*	Update on Feline Upper Respiratory Infections Part 1 *Dr. Michael Lappin*	2013 Practitioner Challenge- The Anemic Patient *Dr. Fred Metzger*	Fact or Fiction: All Pet Foods are Created Equal? *Ms. Kara Burns*	Matters of the Heart *Ms. Jessica Kerr*
10:00 am – 10:50 am				**10:00 am – 10:50 am**	
Imaging: What Equipment You Need and Why *Dr. Victor T. Rendano*	Differentiating Portosystemic Shunts & Microvascular Dysplasia/ PSVA: Case Based Evidence- Medical & Surgical Management *Dr. Sharon A. Center*	Update on Feline Upper Respiratory Infections Part 2 *Dr. Michael Lappin*	2013 Practitioner Challenge- Gastrointestinal Case Challenge *Dr. Fred Metzger*	Cats & Carbohydrates- What Should Fluffy Eat? *Ms. Kara Burns*	Avoiding an Arrest *Ms. Jessica Kerr*
11:00 am – 11:50 am				**11:00 am – 11:50 am**	
Imaging: Positioning Doesn't Matter Unless You Miss the Lesion *Dr. Victor T. Rendano*	continued Differentiating Portosystemic Shunts & Microvascular Dysplasia/ PSVA: *Dr. Sharon A. Center*	Update on Feline Blood Borne Infections Part 1 *Dr. Michael Lappin*	2013 Practitioner Challenge- Difficult Feline Cases *Dr. Fred Metzger*	Bring Back the Bounce: Managing Osteoarthritis in Pets *Ms. Kara Burns*	Feline Trauma I: Trauma Happens, Be Prepared *Ms. Allison Gottlieb*
12:00 pm – 2:20 pm 129th Annual (all registered attendees and			**NJVMA Business Meeting & Luncheon/Meet The Candidates** guests are welcome to attend)		
2:30 pm – 3:20 pm				**2:30 pm – 3:20 pm**	
Imaging: Show Me Some Interesting Cases *Dr. Victor T. Rendano*	Copper Associated Hepatopathy: It is Not Just Bedlington & Labradors. The Emerging Syndrome with Case Based Examples *Dr. Sharon A. Center*	Update on Feline Blood Borne Infections Part 2 *Dr. Michael Lappin*	2013 Practitioner Challenge- The Confusing Endocrine Case Challenge *Dr. Fred Metzger*	Feline IBD: Pathophysiology, Treatment Goals & Client Communication *Ms. Kara Burns*	Feline Trauma II *Ms. Allison Gottlieb*
3:30 pm – 4:20 pm				**3:30 pm – 4:20 pm**	
Imaging: This Yorkie is Coughing. What do I do next? *Dr. Victor T. Rendano*	continued Copper Associated Hepatopathy: It is Not Just Bedlington & Labradors. *Dr. Sharon A. Center*	Update on Management of Giardia SPP Infections in Dogs and Cats *Dr. Michael Lappin*	2013 Practitioner Challenge- The "ADR" Case Challenge *Dr. Fred Metzger*	Plush Pets: New Approaches to Getting the Weight Off *Ms. Kara Burns*	Feline Trauma III *Ms. Allison Gottlieb*
4:00 pm – 7:00 pm Exhibits Open			support the companies that support the Annual Meeting!		
5:00 pm – 7:00 pm Cocktail Reception			**and NJVF Silent Auction** (proceeds benefit the NJ Veterinary Foundation)		
7:00 pm –11:00 pm Featuring comedian Dr. Kevin Fitzgerald!			**Dinner and Entertainment** (included in your two-day meeting registration)		

Sunday, March 3, 2013

COMPANION ANIMAL				DISASTER/EMERGENCY PREPAREDNESS	TECHNICIAN	
7:30 am – 9:00 am Breakfast with the Exhibitors support the companies that support the Annual Meeting!						
Radiology	**Liver**	**Pain Management**	**Parasitology**	**Disaster/Emergency Preparedness**	**Nursing & Medicine**	**Fluids & Blood**
9:00 am – 9:50 am				**9:00 am – 9:50 am**	**9:00 am – 9:50 am**	
Imaging: The Liver Enzymes are Elevated. What do I do next? *Dr. Victor T. Rendano*	Feline Non-suppurative Cholangiohepatitis: Long Term Management *Dr. Sharon A. Center*	Pain Pathways, Targets, and Syndromes *Dr. Mark E. Epstein*	Answering Questions About Zoonotic Parasites– Protozoa *Dr. Anne M. Zajac*	The State Role in Animal Emergency Response During a Disaster *Dr. Shari Silverman*	Implementing and Utilizing the Approved Veterinary Assistant: Reap the Benefits! *Ms. Janet McConnell*	The Great Fluid Balance and the "In's and Out's" of Fluid Therapy *Ms. Jennifer Grady-Holmes*
10:00 am – 10:50 am				**10:00 am – 10:50 am**	**10:00 am – 10:50 am**	
Imaging: Look at the Tape *Dr. Victor T. Rendano*	Getting the Most from Your Liver Biopsy: Beyond H&E Staining in the Diagnosis of Chronic Hepatitis *Dr. Sharon A. Center*	Controversies in Veterinary Pain Management *Dr. Mark E. Epstein*	Answering Questions About Zoonotic Parasites– Worms *Dr. Anne M. Zajac*	The County Animal Response Team (CART) Role in Emergency Response *Dr. Karen Dashfield*	Nursing Care I *Ms. Jessica Kerr*	Fluid Therapy: What? When? How Much? *Ms. Jennifer Grady-Holmes*
11:00 am – 11:50 am				**11:00 am – 11:50 am**	**11:00 am – 11:50 am**	
Imaging: He/She Can't Pee… What do I do next? *Dr. Victor T. Rendano*	continued Getting the Most from Your Liver Biopsy: *Dr. Sharon A. Center*	Chronic Pain: An Evidence-based Treatment Approach *Dr. Mark E. Epstein*	Practical Parasitology: Diagnostic Best Practices and Pitfalls *Dr. Anne M. Zajac*	Veterinary Issues in Temporary Emergency Animal Sheltering *Dr. Rebecca Boncheck*	Nursing Care II *Ms. Jessica Kerr*	Cases in Fluid Therapy Made Simple *Ms. Jennifer Grady-Holmes*
12:00 pm - 1:50 pm 18th Annual NJVMA Animal Hall of Fame Luncheon Celebrate the induction of the 2013 inductees into the NJVMA Animal Hall of Fame. **Platinum Sponsor: RED BANK VETERINARY HOSPITAL** RBVH Red Bank Veterinary Hospital Veterinary Healthcare Network						
2:00 pm -- 2:50 pm				**2:00 pm – 2:50 pm**	**2:00 pm – 2:50 pm**	
Imaging: Q & A *Dr. Victor T. Rendano*	Emerging Hepatic Syndromes: From the Cornell Hepatic Pathology Database *Dr. Sharon A. Center*	Locoregional Anesthesia – 12 Techniques You Should Be Using *Dr. Mark E. Epstein*	Diagnostic Dilemmas in Parasitology *Dr. Anne M. Zajac*	When Disaster Strikes: Business as Usual *Dr. Matthew Edson*	"Sugar We're Going Down" A Discussion on Diabetes Mellitus *Ms. Christina Giovannielli*	Dissecting Blood Components, Drop by Drop *Ms. Karen Norton*
3:00 pm – 3:50 pm				**3:00 pm – 3:50 pm**	**3:00 pm – 3:50 pm**	
Imaging: Show Me More Interesting Cases *Dr. Victor T. Rendano*	continued Emerging Hepatic Syndromes: *Dr. Sharon A. Center*	Stem Cell and Other Biologic Modalities in the Treatment of Chronic Pain – What's the Evidence? *Dr. Mark E. Epstein*	What the Cat Dragged In: Emerging and Unfamiliar Parasites *Dr. Anne M. Zajac*	A Panel Discussion: Lessons Learned from Sandy for Animal Emergency Preparedness and Response *Drs. Edson, Boncheck, Silverman, Dashfield*	"A Painful Predicament" A Discussion on Pancreatitis *Ms. Christina Giovannielli*	Transfusion Teamwork *Ms. Karen Norton*

COMPANION ANIMAL

Radiology - *Dr. Victor T. Rendano*

9:00 am – 9:50 am

Imaging: "You Can't Handle the Truth"
This presentation reflects my biases about what imaging can and cannot do for you. It summarizes my 40 plus years as a clinical radiologist.

10:00 am – 10:50 am

Imaging: What Equipment You Need and Why
New graduates coming to interview for a position in your practice expect you to have digital radiology and ultrasound on site; as well as access to endoscopy, CT, and MRI equipment, or don't even bother to invite them. This lecture will discuss why they are making this demand.

11:00 am – 11:50 am

Imaging: Positioning Doesn't Matter Unless You Miss the Lesion
Your technicians will do a better job than you positioning and taking the radiographs. If they cannot, then hire new technicians, or fire yourself for you have either not selected or taught them well. This presentation explains why this is so.

2:30 pm – 3:20 pm

Imaging: Show Me Some Interesting Cases
I will show clinic cases and ask questions. I will selectively call on people who are not paying attention or who appear to be asleep. This presentation was once called "What is Your Diagnosis". In reality it is as currently stated, a chance for you to shine by showing others your ability to look, listen, and formulate an appropriate working diagnosis.

3:30 pm – 4:20 pm

Imaging: This Yorkie is Coughing. What do I do next?
This is a typical nightmare case. The pet has bad teeth, a soft trachea, and is overweight. The owner has limited funds, is unhappy and wants a complete cure today. What you can do to make the diagnosis quickly or to make the problem go away.

COMPANION ANIMAL

The Liver - *Dr. Sharon A. Center*

9:00 am – 9:50 am

Gall Bladder Mucocele: What You Need to Know About this Syndrome
Canine gallbladder mucoceles (GBM) have increased in incidence since adoption of abdominal ultrasonography as a routine diagnostic modality. While GBM are recognized in diverse breeds, a propensity for GBM in Shetland Sheepdogs is recognized and associated with a gene mutation affecting bile fluidity. Several retrospective studies have detailed association of GBM with endocrine disorders in affected dogs of many breeds. A US motility assessment can assist early recognition of an impending GBM. While medical management can seemingly slow progression and inconsistently resolve a forming GBM, surveillance by US imaging in high risk dogs and early cholecystectomy can reduce GBM related illness.

10:00 am – 11:50 am

Differentiating Portosystemic Shunts & Microvascular Dysplasia/ PSVA: Case Based Evidence- Medical & Surgical Management
Canine portosystemic vascular anomalies (PSVA) and microvascular dysplasia (MVD) represent a complex genetic syndrome afflicting many kindreds of small breed dogs (e.g. Yorkshire Terriers, Maltese, Havanese, Norfolk Terriers, Cairn Terriers, Miniature Schnauzers, Shih Tzu, Tibetan Spaniels, Pugs). Practical diagnostic strategies including the utility of Protein C for differentiating PSVA from MVD, appropriate treatment interventions (most MVD dogs do not require use of a liver diet or supportive medications), and results of a recent 31 yr retrospective study of surgical vs medical management of PSVA will be presented.

2:30 pm – 4:20 pm

Copper Associated Hepatopathy: It is not Just Bedlington & Labradors. The Emerging Syndrome with Case Based Examples
Increased prevalence of copper associated liver injury in dogs of all breeds during the last decade has heightened importance of recognizing and treating this disorder. While the syndrome in Bedlington terriers due to an autosomal recessive point mutation is well described, other affected pure-bred and mixed-bred dogs to date have no confirmed causal genetic factor. This lecture will present a practical discussion of copper related liver injury in dogs, the spectrum of dogs affected, suspected causal factors, and best diagnostic and management strategies.

COMPANION ANIMAL

Infectious Disease - *Dr. Michael Lappin*

9:00 am – 9:50 am

Update on Feline Upper Respiratory Infections Part 1
The optimal diagnostic procedures for cats with URI will be reviewed.

10:00 am – 10:50 am

Update on Feline Upper Respiratory Infections Part 2
(continued)

11:00 am – 11:50 am

Update on Feline Blood Borne Infections Part 1
An update on the diagnosis, management and prevention of feline blood borne pathogens including Bartonella spp., hemoplasmas, and Anaplasma will be reviewed.

2:30 pm – 3:20 pm

Update on Feline Blood Borne Infections Part 2
(continued)

3:30 pm – 4:20 pm

Update on Management of Giardia SPP Infections in Dogs and Cats
An update on the diagnosis and management of Giardia diarrhea in dogs and cats will be presented.

COMPANION ANIMAL

Laboratory Clinical Medicine - *Dr. Fred Metzger*

9:00 am – 9:50 am

2013 Practitioner Challenge-The Anemic Patient
Anemia is a common and important finding in veterinary patients. This session will help practitioners properly characterize anemia and decide the appropriate tests necessary to make a diagnosis.

10:00 am – 10:50 am

2013 Practitioner Challenge-Gastrointestinal Case Challenge
Patients presenting with vomiting and diarrhea present many diagnostic challenges. This session will help you decide which tests are appropriate to help make a diagnosis.

11:00 am – 11:50 am

2013 Practitioner Challenge-Difficult Feline Cases
Feline patients have unique clinicopathologic challenges. Learn what tests are most helpful to avoid misdiagnosis in these interesting patients.

2:30 pm – 3:20 pm

2013 Practitioner Challenge-The Confusing Endocrine Case Challenge
Endocrine disorders are very common in clinical practice. Learn how to use hematology, clinical chemistry and electrolyte profiling to help you determine if adrenal, thyroid or parathyroid disease is present.

3:30 pm – 4:20 pm

2013 Practitioner Challenge- The "ADR" Case Challenge
Learn how to use hematology, clinical chemistry and electrolyte profiling to help you diagnose the ever interesting "Ain't Doin' Right" patient.

TECHNICIAN SUBJECTS

Nutrition - *Ms. Kara Burns*

9:00 am – 9:50 am

Fact or Fiction: All Pet Foods are Created Equal?
It's a common belief that pet foods are more or less the same and it can be challenging to identify differences, especially using information on the pet food label. Proper nutrition is a critical component for maintaining the health of pets so it's important to make a nutritional recommendation for your patients. This presentation will review the role of nutrition in health maintenance and provide practical guidelines for evaluating the quality of pet foods.

10:00 am – 10:50 am

Cats & Carbohydrates- What Should Fluffy Eat?
Proper nutrition and care throughout a cat's life maximizes health, longevity and quality of life. Foods high in carbohydrate content have been implicated in contributing to the cause of obesity and DM in cats. This presentation will take a look at the evidence currently available and whether a cause and effect relationship can be found between carbohydrate intake and disease in felines.

11:00 am – 11:50 am

Bring Back the Bounce: Managing Osteoarthritis in Pets
The goals of medical management of osteoarthritis include: 1) mitigation of risk factors, 2) controlling clinical signs, and 3) moderating progression of the disease. Effective medical management generally requires a multimodal approach. Clinical nutrition plays a critical role in the successful long term management of patients with osteoarthritis.

TECHNICIAN SUBJECTS

Nutrition continued - *Ms. Kara Burns*

2:30 pm – 3:20 pm

Feline IBD: Pathophysiology, Treatment Goals & Client Communication
Veterinary technicians must be familiar with feline IBD and the causes of this disease. Veterinary technicians play an important role in monitoring IBD feline patients and their response, to alleviate the signs and symptoms observed in cats presenting to the hospital for treatment. This presentation will look at the pathophysiology of IBD, goals of treatment, and the importance of educating pet owners regarding this disease.

3:30 pm – 4:20 pm

Plush Pets: New Approaches to Getting the Weight Off
Obesity has reached epidemic proportions in our pets. Managing weight issues in patients can be challenging, but successful management is very rewarding - for the healthcare team and especially the pet. This presentation will review the physiology of obesity, new tools to aid in the battle of the bulge, and effectiveness of establishing protocols for overweight and obese cats and dogs.

Course Descriptions
Saturday, March 2, 2013

TECHNICIAN SUBJECTS

Emergency & Critical Care - *Ms. Jessica Kerr*

9:00 am – 9:50 am

Matters of the Heart
Want to learn more about heart disease? Normal and abnormal functions of the cardiac system will be reviewed. This topic will cover medications, breed predisposition and treatment.

10:00 am – 10:50 am

Avoiding an Arrest
Cardiopulmonary arrest is not always avoidable; but we can learn how to identify and treat patients at risk. Post CPA care will also be included in this presentation.

Emergency & Critical Care - *Ms. Allison Gottlieb*

11:00 am – 11:50 am

Feline Trauma I: Trauma Happens, Be Prepared
Felines live in a dangerous world and deserve the best care possible. Knowing what to expect and initial assessment is crucial. This session will focus on being prepared and triage of these patients as well as emergent care. Part 1 of 3.

2:30 pm – 3:20 pm

Feline Trauma II
Monitoring will be the focus of this session. The fine art of collecting data while considering; stress levels, owners, finances and supplies will be discussed. Using the equipment and therapies available with the addition of knowledge is the key to optimal care. Part 2 of 3.

3:30 pm – 4:20 pm

Feline Trauma III
Feeding the post trauma feline is incredibly difficult. Tips, protocols and techniques will be discussed. Analgesia is another facet of trauma made more difficult by the complexity of these special creatures. These two potentially stressful areas will be demystified. Part 3 of 3.

Course Descriptions
Sunday, March 3, 2013

COMPANION ANIMAL

Radiology - *Dr. Victor T. Rendano*

9:00 am – 9:50 am

Imaging: The Liver Enzymes are Elevated. What do I do next?
Now that I listened to a world-renowned hepatologist/internist at this meeting, what can imaging do to help me make the diagnosis? Come listen, look, ask questions, and draw your own conclusions.

10:00 am – 10:50 am

Imaging: Look at the Tape
Look at the tape (maybe); examine the pet; determine, to the best of your ability, the system involved and the probable location of the lesion. If deemed clinically appropriate, begin to image the pet.

11:00 am – 11:50 am

Imaging: He/She Can't Pee…What do I do next?
Survey radiographs, contrast studies, rectal, endoscopy, biopsy-all in a day's work, which ones to use and why. The answer is the purpose of this presentation.

2:00 pm – 2:50 pm

Imaging: Q & A
What I present will be based on the questions you ask and your areas of interest based on my previous presentations yesterday and today.

3:00 pm – 3:50 pm

Imaging: Show Me More Interesting Cases
I will show clinical cases and ask you questions. This presentation was once called "What is Your Diagnosis". In reality it is as currently stated, a chance for you to shine by showing others your ability to look, listen and formulate an appropriate working diagnosis.

COMPANION ANIMAL

Liver - *Dr. Sharon A. Center*

9:00 am – 9:50 am

Feline Non-suppurative Cholangiohepatitis: Long Term Management
Non-suppurative feline cholangiohepatitis (CCHS) is the most common form of chronic liver disease in the cat. An evidence based discussion including characterization of histological subsets and interventional medical strategies will be presented. Utility of a feline immunohistochemical staining panel for confirming non-suppurative CCHS will be illustrated. Conditions mistaken for non-suppurative CCHS will be described.

10:00 am – 11:50 am

Getting the Most from Your Liver Biopsy: Beyond H&E Staining in the Diagnosis of Chronic Hepatitis
With the evolution of our diagnostic abilities, pathologic diagnosis of chronic hepatitis is not what it used to be to most clinicians. Morphologic description of liver lesions should objectively describe the presence or absence of: lobular atrophy vs collapse, fibrosis, hepatocyte necrosis, inflammation, vacuolar change, regenerative nodules vs hyperplastic foci, portal hypoperfusion; lesion zonal distribution; and pathologic accumulation of copper and iron (location: zone, hepatocytes vs macrophages, percent cell involvement).

2:00 pm – 3:50 pm

Emerging Hepatic Syndromes: From the Cornell Hepatic Pathology Database
This discussion will present some newly identified breed specific hepatopathies and clinical hepatobiliary syndromes along with their pertinent treatment strategies.

COMPANION ANIMAL

Pain Management - *Dr. Mark E. Epstein*

9:00 am – 9:50 am

Pain Pathways, Targets, and Syndromes
Prevention and treatment of pain relies on understanding how it is generated, modulated, and processed... and how it sometimes goes wrong. This session will explore contemporary concepts and clinical relevance of pain neurobiology.

10:00 am – 10:50 am

Controversies in Veterinary Pain Management
This session will explore medications and interventions available to the small animal clinical practitioner, including but not limited to tramadol, gabapentin, acetaminophen, opioids, therapeutic laser, and more.

11:00 am – 11:50 am

Chronic Pain: An Evidence-based Treatment Approach
This session will discuss treatment plans for osteoarthritis and other chronic pain syndromes from the perspective of best available evidence in veterinary medicine.

2:00 pm – 2:50 pm

Locoregional Anesthesia – 12 Techniques You Should Be Using
Arguably the most under-utilized aspect to transoperative pain management in veterinary medicine, this session will explore a dozen locoregional blocks within the scope of any clinician to master.

3:00 pm – 3:50 pm

Stem Cell and Other Biologic Modalities in the Treatment of Chronic Pain – What's the Evidence?
This session will discuss the potential clinical utility of stem cell technology, platelet-rich plasma, autologous conditioned plasma, bioscaffolding/extracellular matrix, and more.

COMPANION ANIMAL

Parasitology - *Dr. Anne M. Zajac*

9:00 am – 9:50 am

Answering Questions About Zoonotic Parasites– Protozoa
Pet owners frequently have questions about the risks presented by small animal parasites. In this presentation, information will be presented that can be used in discussions of protozoan zoonoses.

10:00 am – 10:50 am

Answering Questions About Zoonotic Parasites– Worms
Pet owners frequently have questions about the risks presented by small animal parasites. In this presentation, information will be presented that can be used in discussions of helminth zoonoses.

11:00 am – 11:50 am

Practical Parasitology: Diagnostic Best Practices and Pitfalls
Standard protocols and procedures are needed in parasitology diagnostics, but may be overlooked because "it's just poop". What should these be in your practice parasitology lab?

2:00 pm – 2:50 pm

Diagnostic Dilemmas in Parasitology
Sometimes fecal or antigen test results for parasites are hard to interpret. Some potentially confusing parasites will be covered in this presentation including Giardia, lungworms and heartworm.

3:00 pm – 3:50 pm

What the Cat Dragged In: Emerging and Unfamiliar Parasites
Changing parasite distribution is exposing veterinarians to new parasitic infections like Cytauxzoon felis. Pet travel also exposes pets to unfamiliar parasites, like Heterobilharzia americanum. This presentation will review some of these unfamiliar parasites.

DISASTER/EMERGENCY PREPAREDNESS

Disaster Emergency Preparedness

9:00 am – 9:50 am - *Dr. Shari Silverman*

The State Role in Animal Emergency Response During a Disaster
The New Jersey Department of Agriculture (NJDA), assumes the role of the lead agency addressing animal needs for sheltering and evacuation during any type of disaster concerning any species of animal.

10:00 am – 10:50 am - *Dr. Karen Dashfield*

The County Animal Response Team (CART) Role in Emergency Response
In this session we will discuss the role of the County Animal Response Team in an emergency response. Who does what? When? And what is the definition of an emergency?

11:00 am – 11:50 am - *Dr. Rebecca Boncheck*

Veterinary Issues in Temporary Emergency Animal Sheltering
In this session we will discuss common animal health issues encountered during super storm Sandy, emergency sheltering and the response and treatments utilized.

2:00 pm – 2:50 pm - *Dr. Matthew Edson*

When Disaster Strikes: Business as Usual
This session will cover continuity of business and patient care during disasters. Topics include disaster planning, understanding the disaster resources available to practices, and balancing disaster response with practice responsibilities.

3:00 pm – 3:50 pm - *Drs. Edson, Boncheck, Silverman, Dashfield*

Lessons Learned from Sandy for Animal Emergency Preparedness and Response
The panel will review and discuss animal issues during Sandy, what worked correctly, what went wrong or not as expected, what areas can be improved, and what adjustments are needed.

TECHNICIAN SUBJECTS

Nursing & Medicine

9:00 am – 9:50 am - *Ms. Janet McConnell*

Implementing and Utilizing the Approved Veterinary Assistant: Reap the Benefits!
Elevate your team with the new Approved Veterinary Assistant (AVA)! Learn about the benefits of properly trained AVA's, implementing the position, proper skills and utilization to make your team the most efficient.

10:00 am – 10:50 am - *Ms. Jessica Kerr*

Nursing Care I
This two part session will cover TPR's to CVP's. Knowledge will aide in providing the best possible care for patients.

11:00 am – 11:50 am - *Ms. Jessica Kerr*

Nursing Care II
This will be a continuation of topics discussed in Nursing Care I.

2:00 pm – 2:50 pm - *Ms. Christina Giovannielli*

"Sugar We're Going Down" A Discussion on Diabetes Mellitus
This presentation will look at the importance of the technician's role in caring for the diabetic patient. We will discuss the etiology, treatment, monitoring, and common ailments associated with the disease.

3:00 pm – 3:50 pm - *Ms. Christina Giovannielli*

"A Painful Predicament" A Discussion on Pancreatitis
An in-depth look at the technician's role in caring for the patient with pancreatitis. We will discuss the etiology and treatment of the illness, along with how to meet the patient's nutritional requirements.

TECHNICIAN SUBJECTS

Fluids & Blood - *Ms. Jennifer Grady-Holmes*

9:00 am – 9:50 am

The Great Fluid Balance and the "In's and Out's" of Fluid Therapy
This lecture will present the fundamentals of fluid therapy. An overview of fluid compartments will be discussed. Electrolytes and acid/base status and abnormalities will be reviewed.

10:00 am – 10:50 am

Fluid Therapy: What? When? How Much?
Various fluid types (crystalloids and colloids) will be reviewed as well as indications and contraindications for each. Calculation of fluid rates (maintenance, dehydration) will be discussed.

11:00 am – 11:50 am

Cases in Fluid Therapy Made Simple
Case examples of fluid therapy in various disease processes will be outlined, including types of fluid selection and rates of administration for various conditions.

Fluids & Blood - *Ms. Karen Norton*

2:00 pm – 2:50 pm

Dissecting Blood Components, Drop by Drop
As veterinary transfusion medicine becomes more sophisticated, component therapy is now more tailored to individual medical conditions. PRBC, FFP, PRP . . . what exactly is in each component and how does it work?

3:00 pm – 3:50 pm

Transfusion Teamwork
Blood type, Check. Cross match, Check. Negative reaction? Check out this presentation. We'll discuss the steps to providing the safest possible blood transfusion and discuss the different types of reactions and how to respond to them.

Social/Business Activities

Friday, March 1, 2013

2:00 pm – 5:00 pm **NJVMA Executive Board Meeting**

5:00 pm – 7:00 pm **NJVF Reception**
All members, friends, guests and their families are invited to a social gathering of colleagues. A great way to start off the weekend at the Annual Meeting.

Saturday, March 2, 2013

7:30 am – 9:00 am **NJVMA Town Hall & Breakfast Meeting**
Join *Charlotte Lacroix, DVM, JD* and Executive Director *Richard Alampi* for breakfast and a discussion of issues in veterinary medicine.

12:00 pm – 2:20 pm **NJVMA Business Meeting & Luncheon / Meet the Executive Board Candidates**
Plan on attending the candidates forum on Saturday, March 2nd, immediately following the annual business meeting luncheon, to hear their views on the profession and the issues that face it. Make your vote an informed one!

4:00 pm – 7:00 pm **Exhibits Open**
Visit the exhibits and see the latest in veterinary products and services. Support the companies that support the Annual Meeting!

5:00 pm – 7:00 pm **Cocktail Reception and NJVF Silent Auction**
Unwind with friends and colleagues while you strive to retain the day's CE. Free hors d' oeuvres and a cash bar will be offered. Don't forget to bid on fabulous prizes – proceeds to benefit the NJVF!

7:00 pm – 11:00 pm **Dinner and Entertainment** *featuring veterinarian and comedian* ***Dr. Kevin Fitzgerald!***

Sunday, March 3, 2013

7:30 am – 9:00 am **NJVF Board of Trustees Meeting**
Annual Meeting of the Foundation Board.

7:30 am – 9:00 am **Breakfast with Exhibitors**
See the latest in veterinary goods and services while enjoying a *full breakfast buffet.*

12:00 noon – 1:50 pm **18th Annual Animal Hall of Fame Luncheon**
RBVH RED BANK VETERINARY HOSPITAL Veterinary Healthcare Network
Platinum Sponsor - Red Bank Veterinary Hospital
Join friends and colleagues as New Jersey's veterinary community honors animals that exemplify the human-animal bond.

Please note that the Animal Hall of Fame luncheon is included in your two day registration fee.

PROGRAM INFORMATION

Dates: Friday, March 1- Sunday March 3, 2013

Location: Hamilton Park Hotel & Conference Center
175 Park Avenue, Florham Park, NJ
Phone: (973) 377-2424
Fax: (973) 514-1670
www.hamiltonparkhotel.com

Important Deadlines

4 Weeks prior: Friday, February 1, 2013, Early Bird Deadline
2 Weeks prior: Friday, February 15, 2013, Cancellation Deadline

Continuing Education Credits

10 CE credits available:
Saturday, March 2, 2013 = 5.0 CE hours
Sunday, March 3, 2013 = 5.0 CE hours

Proceedings

A proceedings book is included with each registration. You may pick up your proceedings book at the registration desk.

Cancellation Policy

Cancellations must be received in writing either via e-mail at info@njvma.org or fax to (908) 450-1286.

Cancellations received **by Friday, February 15, 2013** will receive a full refund.

Cancellations received **after Friday, February 15, 2013** will not be eligible for refunds, however you may send someone in your place by contacting the NJVMA headquarters at (908) 281-0918 in advance of the meeting. Please note that if you cancel your conference registration, it does not constitute cancellation of your hotel reservation –that is your responsibility.

REGISTRATION INFORMATION

Registration

The NJVMA encourages you to register online at www.njvma.org or by using the registration form enclosed prior to the conference.

The on-site registration desk will be open:
Friday, March 1, 5:00 pm – 7:00 pm
Saturday, March 2, 7:30 am – 5:00 pm
Sunday, March 3, 7:30 am – 2:00 pm

Registration Fees:

(Rates are per person)

	On or before 2/1/13	After 2/1/13
NJVMA Members and Out-of-State VMA Members	$285	$310
One day	$205	$230
Non-Members	$350	$380
One day	$230	$250
2012 Graduates and Emeritus Members	$160	$170
One day	$115	$125
Technicians, Office Staff	$165	$175
One day	$120	$135
Students (Veterinary and Veterinary Technician)	$30	$40
One day	$20	$25
Guests	$75	$85

Registration Details for Veterinarians, Technicians and Office Staff:

- Two-Day Registrations for Veterinarians, Technicians and Office Staff include breakfast, lunch, dinner and entertainment on Saturday, as well as breakfast and the 18th Animal Hall of Fame luncheon on Sunday.
- One-Day Registrations include breakfast and lunch.
- One-Day Saturday Registrations **do not** include Saturday night dinner and entertainment.

Registration Details for Students and Guests:

- Veterinary Student and Veterinary Technician Student Registrations **do not include meals.**
- Guest Registration includes breakfast on Saturday and Sunday, lunch on Saturday, and Saturday's Cocktail Reception. Guest registration does **not** include Saturday's Dinner or Sunday's 18th Animal Hall of Fame luncheon. These tickets may be purchased separately.

Additional Special Events Tickets

(If not already included in your registration)	On or before 2/1/13	After 2/1/13
Dinner and Entertainment (Saturday, March 2)	$80	$90
Animal Hall of Fame Luncheon (Sunday, March 3)	$35	$45

In the past, the NJVMA has offered a childcare program for the duration of the Annual Meeting, however due to a lack of interest and availability, childcare will not be offered at this year's meeting.

Hamilton Park Hotel & Conference Center

175 Park Avenue
Florham Park, NJ 07932
Phone: (973) 377-2424
Fax: (973) 514-1670
www.hamiltonparkhotel.com

A block of rooms has been reserved for Friday and Saturday nights and are subject to availability. The group rate is only available until Friday, February 1, 2013, subject to availability. Reservations made after February 1, 2013 may not be guaranteed at the group rate.

Room Rate: $117.00 single or double occupancy.
Check-in: 3:00 pm
Checkout: 12:00 noon

Online Reservations: www.hamiltonparkhotel.com
Click on "Make a Reservation" Group code **3AD48D.**

Call the hotel directly: (973) 377-2424 Group "NJVMA"

The hotel offers free parking to all meeting attendees. Hotel rooms provide all of the amenities you expect from a first class facility. High-speed Internet access is available in every room. The hotel is completely wireless and complimentary.

Directions

From NJ 24 West: Follow NJ 24 West to Exit 2-A for Morristown Rt. 510 West (Columbia Turnpike). Make a left at the first light onto Park Ave. At the fourth light make a right into Hamilton Park.

From Newark Airport: Follow signs to I-78 West. Take I-78 West for approximately 9 miles to NJ 24 West. Follow directions from NJ 24 West above.

From I-287 South to North: Follow I-287 North to Exit 37 (24 East, Springfield). Take Exit 2-A for Morristown/Rt. 510 West. Follow directions above for NJ 24 West.

From I-287 North to South: Follow I-287 South to Exit 37 (24 East, Springfield). Take Exit 2-A for Morristown/Rt. 510 West. Follow directions from NJ 24 West above.

From Garden State Parkway South: Take Garden State Parkway South to Exit 142. Follow signs for I-78 West. Take I-78 West to NJ 24 West. Follow directions from NJ 24 West.

From Garden State Parkway North: Take Garden State Parkway North to Exit 142. Follow signs for I-78 West. Take I-78 West to NJ 24 West. Follow directions from NJ 24 West.

NEW JERSEY VETERINARY MEDICAL ASSOCIATION
Founded 1884

129th Annual Meeting

SPONSORS*

The NJVMA is pleased to acknowledge and thank the following sponsors of the Annual Meeting. We hope you will consider supporting these firms that support the association.

Platinum

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RED BANK VETERINARY HOSPITAL
Veterinary Healthcare Network

Red Bank Veterinary Hospital

Gold

Garden State Veterinary Specialists

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Regency Forest Pet Cemetery

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Rose Micro Solutions

Royal Canin

Simmons Mid-Atlantic

*as of 1/11/2013

PAST PRESIDENTS

1884	Dr. James C. Corlies
1884-1887	Dr. William B.E. Miller
1887-1888	Dr. William Dimond
1888-1889	Records unavailable
1889-1891	Dr. James W. Hawk
1881-1892	Dr. R.R. Letts
1892-1893	Dr. James C. Dustan
1893-1894	Dr. Julius Gerth, Jr.
1894-1895	Dr. William B.E. Miller
1895-1897	Dr. James W. Hawk
1897-1899	Dr. William H Arrowsmith
1899-1901	Dr. L. P. Hurley
1901-1905	Dr. William Herbert Lowe
1905-1907	Dr. Thomas Earle Budd
1907-1908	Dr. Eldon Leon Loblein
1908-1910	Dr. John Bogert Hopper
1910-1912	Dr. Thomas B. Rogers
1912-1915	Dr. Thomas E. Smith
1915-1917	Dr. Wilfred Follansbee Harrison
1917-1919	Dr. J. Payne Lowe
1919-1920	Dr. James T. Glennon
1920-1922	Dr. Robert E. Mosedale
1922-1923	Dr. Henry H. Bair
1923-1925	Dr. John W. Haffer
1925-1927	Dr. Arthur W. Smith
1927-1929	Dr. John McNeill
1929-1931	Dr. Harry C. Miller
1931-1933	Dr. Ronald W. Butterworth
1933-1935	Dr. Wilbur B. Maxson
1935-1937	Dr. Edward R. Cushing
1937-1939	Dr. Charles J. McAnulty
1939-1941	Dr. Gustaw Henry Kimnach
1941-1943	Dr. John T. McGrann
1943-1945	Dr. Ralph A. Hendershott
1945-1947	Dr. Joseph A.S. Millar
1947-1949	Dr. Raymond S. Huff
1949-1950	Dr. Robert P. Lawrence
1950-1951	Dr. Joseph B. Engle
1951-1952	Dr. Elwood G. Fooder
1952-1953	Dr. James R. Porteus
1953-1954	Dr. Amos W. Stults
1954-1955	Dr. John M. McCarthy
1955-1956	Dr. Robert R. Crelin
1956-1957	Dr. W. Philip Boyer
1957-1958	Dr. William W. Bailey
1958-1959	Dr. Oscar W. Sussman
1959-1960	Dr. Myron S. Arlein
1960-1961	Dr. Robert L. Ticehurst
1961-1962	Dr. John S. Gray
1962-1963	Dr. Owen K. Fox
1963-1964	Dr. Arthur F. North, Jr.
1964-1965	Dr. William J. Foster
1965-1966	Dr. Russell S. Edmonds, Sr.
1966-1967	Dr. Robert R. Shomer
1967-1968	Dr. Joseph M. Fell
1968-1969	Dr. Lloyd J. Sanders
1969-1970	Dr. Bernard G. Levine
1970-1971	Dr. Calvin W. Moon
1971-1972	Dr. John R. McCoy
1972-1973	Dr. Richard A. Hartkopf
1973-1974	Dr. Marvin Rothman
1974-1975	Dr. Jerome H. Ripps
1975-1976	Dr. Silvio A. Fittipaldi
1976-1977	Dr. Roy K. Imhoff
1977-1978	Dr. William P. Darrow
1978-1979	Dr. Edward Baker
1979-1980	Dr. David Eisenberg
1980-1981	Dr. William V. Hobbie, Jr.
1981-1982	Dr. Charles J. Driben
1982-1983	Dr. Harold M.S. Smith
1983-1984	Dr. David A. Meirs, II
1984-1985	Dr. William H. Jackson
1985-1986	Dr. Richard Klesmer
1986-1987	Dr. Fletcher Reynolds
1987-1988	Dr. Ralph Werner
1988-1989	Dr. George Cameron
1989-1990	Dr. Earl Rippie
1990-1991	Dr. Arthur Baeder
1991-1992	Dr. Martha O'Rourke
1992-1994	Dr. Stephen Weiner
1994-1995	Dr. Clifford Muddell
1995-1996	Dr. Neal Beeber
1996-1997	Dr. Mark Helfat
1997-1998	Dr. Robert Gordon
1998-1999	Dr. Maria Iannone
1999-2000	Dr. Nancy Halpern
2000-2001	Dr. Elizabeth Hunton
2001-2002	Dr. Mark Logan
2002-2003	Dr. Suzanne Smith
2003-2004	Dr. R. Wayne Randolph
2004-2005	Dr. Clifford Sporn
2005-2006	Dr. Susan Lewis
2006-2007	Dr. Kim Taylor
2007-2008	Dr. Barry Adler
2008-2009	Dr. Steven Hornstein
2009-2010	Dr. Lawrence Wolf
2010-2011	Dr. Anthony DeCarlo

NJVF | New Jersey Veterinary FOUNDATION

For over thirty years, the New Jersey Veterinary Foundation (NJVF) has been a leader in the field of financial support for New Jersey's veterinary students and animal welfare programs. Since its inception, the Foundation has issued over 500 grants and loans totaling over $1M. Every donor who has contributed to the Foundation over the years should feel proud of what we have accomplished together.

Help support the NJVF in its mission to promote, advance, and assist: public and professional veterinary education; the well-being and humane treatment of animals; and the human-animal bond. Please consider making a monthly donation by participating in the Do It Once a Month program or make a onetime donation with your Annual Meeting registration. Any donation is greatly appreciated and donations are tax-deductible.

DO IT ONCE A MONTH!

Please deduct my monthly contribution of: ☐ $100 ☐ $200 ☐ Other _____

For: ☐ 12 months ☐ 24 months ☐ 36 months

From: ☐ Credit Card (include payment details below)
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Authorization Date_____ Bank _____

Name_____

Routing #_____ Account #_____

Please include a voided check.

ONETIME DONATION

Please accept my **one time** donation of: ☐ $25 ☐ $50 ☐ Other _____

DONOR INFORMATION

Full Name_____

Mailing Address _____

City / State / Zip _____

Email_____ Phone_____

PAYMENT INFORMATION

☐ Check enclosed (made out to NJVF) or

☐ Amex ☐ Visa ☐ Mastercard ☐ Discover

CC Number_____ Exp. _____

Print Name_____

Signature_____

New Jersey Veterinary Foundation (NJVF) is a 501(c)(3) charitable organization. Federal Tax ID#22-7455464.

Please include this form with your completed meeting registration or mail to:

New Jersey Veterinary Foundation
390 Amwell Road, Suite 402
Hillsborough, NJ 08844
Phone: (908) 281-0918 • Fax: (908) 450-1286
E-mail: info@njvma.org

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