## PRELIMINARY PROGRAM
### DECEMBER 3-7, 2016 • HYATT REGENCY HOTEL • NEW ORLEANS, LOUISIANA

### Friday, December 2
6:00 p.m.-8:00 p.m.
**Registration**

### Saturday, December 3
7:00 a.m.-7:30 p.m.
**Registration**

**Pre-Meeting Workshops** (available at an additional fee)

8:30 a.m.-4:30 p.m.
**ACVP Pre-Meeting Workshop: Primate Pathology**
*Infectious Disease in Nonhuman Primates*

This workshop will focus on infectious disease in nonhuman primates. Speakers will focus on the comparative pathophysiology of simian and human immunodeficiency viruses, and the pathology of tuberculosis. Case presenters will be encouraged to focus on infectious or immunosuppressive disease.

8:00 a.m.-5:00 p.m.
**ASVCP Pre-Meeting Workshop**
*Hematopathology in Diagnostic and Toxicologic Pathology: From the Tried-and-True to the Cutting Edge*

The 2016 ASVCP Clinical Pathology Interest Group Pre-meeting Workshop is focused on hematopathology. Engaging presenters have been recruited from both academia and industry and will provide a targeted overview of diverse topics including issues in bone marrow aspirate and core diagnostics (from collection through interpretation), bone marrow stromal damage, choosing and interpreting ancillary tests in challenging hematopathology cases, and hematopathology in nonclinical toxicologic pathology. The Workshop aims to provide practical perspectives on technical and investigative aspects of hematopathology, and will promote the preparedness of attendees to tackle problems in hematopathology.

### Saturday, December 3 - continued
8:00 a.m.-5:00 p.m.
**C.L. Davis Foundation Pre-Meeting Workshop**
*The Identification of Protozoan and Metazoan Parasites in Tissue Section*

Please join us for a day of parasite discovery with Dr. Chris Gardiner, esteemed author of the companion collection, *An Atlas of Metazoan Parasites in Animal Tissues* and *An Atlas of Protozoan Parasites in Animal Tissues*. His discussion will include morphology of protozoan and metazoan parasites in histological sections, interesting cases delineating morphological characteristics of parasites in histological sections, and laboratory procedures in the preservation of parasites during necropsy for future identification. This exciting course should be of interest to veterinary pathologists, pathology residents, and diagnosticians working with animals.

5:15 p.m.-6:15 p.m.
**IDEXX Resident Session**
*Panel Discussion: What are the “New Rules” for Landing the Job I Want?*

6:00 p.m.-8:00 p.m.
**ASVCP Education Forum for Discussion**

7:00 p.m.-8:30 p.m.
**Opening Reception and Veterinary Student Poster Session**
## Sunday, December 4

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<tr>
<th>Time</th>
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<tr>
<td>7:00 a.m.-8:00 a.m.</td>
<td><strong>Veterinary Student Breakfast</strong></td>
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<td>7:30 a.m.-5:00 p.m.</td>
<td><strong>Registration</strong></td>
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<td>8:00 a.m.-12:00 noon</td>
<td><strong>ASVCP Education Symposium: Let's Get Hormonal: Endocrine Function Tests in Diagnostic and Toxicologic Pathology</strong></td>
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<td><strong>Critical Illness Related Cortisol Insufficiency in Septic Foals</strong></td>
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<td><strong>Equine PPID and EMS: Causes, Consequences, and Current Diagnostic Test Strategies</strong></td>
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<td><strong>Use of Serum Hormones in the Evaluation of Endocrine-Active Compounds</strong></td>
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<td><strong>Laboratory Evaluation of Atypical Hyper- and Hypoadrenocorticism in Dogs</strong></td>
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<td>8:00 a.m.-12:00 noon</td>
<td><strong>ASVCP Veterinary Laboratory Professionals Session I</strong></td>
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<td><strong>Rodent Clinical Pathology: Differentials, Dilutions, and Other Dilemmas</strong></td>
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<td><strong>How I Use Hematology as an Exotic Animal Clinician</strong></td>
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<td><strong>How I Use a Chemical Diagnostic Panel in an Exotic Animal Clinical Practice</strong></td>
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<td>8:00 a.m.-12:00 noon</td>
<td><strong>Career Development Session: Personnel Management</strong></td>
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<td><strong>Difficult Conversations: How to Survive and Thrive as a People Manager</strong></td>
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<td><strong>My Training Didn’t Cover This: The Importance of On-the-Job Learning for Personnel Management and Leadership</strong></td>
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<td><strong>Personnel Management: An Academic Perspective</strong></td>
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<td>8:00 a.m.-12:00 noon</td>
<td><strong>Concurrent Session I: Fish and Aquatic Invertebrate Pathology</strong></td>
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<td><strong>Developments in Mollusc and Crustacean Pathology in Europe</strong></td>
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<td><strong>Diseases of Shellfish</strong></td>
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<td><strong>Coral Cut-Ups: Forty Years of Investigating Coral Health</strong></td>
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<td><strong>Linking Estrogenic Contaminants to Intersex Condition in Black Bass and Sunfish in North Carolina Rivers and Streams</strong></td>
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<td><strong>Searching for DeFiNitive Diagnoses: Interpretation of Histopathologic Findings in Fish Toxicology Studies</strong></td>
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<td><strong>Diseases, Pathology, and Recent Developments in US Farm-Raised Catfish (Ictalurus spp.)</strong></td>
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<td>8:00 a.m.-12:00 noon</td>
<td><strong>Industrial and Toxicologic Pathology Focused Scientific Session I</strong></td>
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<td><strong>Molecular Pathology Approaches in Toxicologic Pathology</strong></td>
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<td>8:00 a.m.-12:00 noon</td>
<td><strong>Natural Disease Focused Scientific Session I</strong></td>
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<td><strong>Update on the Epidemiology of High Pathogenicity Avian Influenza in Wild Birds</strong></td>
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## Sunday, December 4 - continued

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<tr>
<td>9:30 a.m.-4:30 p.m.</td>
<td><strong>Focused Scientific Poster Session</strong></td>
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<td>12:00 noon-1:30 p.m.</td>
<td><strong>IDEXX Veterinary Pathology Resident/Trainee Luncheon</strong></td>
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<td>12:15 p.m.-1:15 p.m.</td>
<td><strong>Emerging Disease Focus Seminar</strong></td>
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<td><strong>Zika Virus: Another Emergent Arbovirus</strong></td>
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<td>1:00 p.m.-4:30 p.m.</td>
<td><strong>ASVCP Veterinary Laboratory Professionals Session II</strong></td>
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<td><strong>Fructosamine in Hyperthyroid Cats</strong></td>
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<td><strong>Case Studies in Flow Cytometry and PARR Testing</strong></td>
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<td><strong>Ancillary Diagnostics for Cytology: Immunocytochemistry and Special Stains</strong></td>
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<td>1:30 p.m.-5:00 p.m.</td>
<td><strong>Mini-Symposium: Deepwater Horizon</strong></td>
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<td><strong>Sea Turtles and the BP Deepwater Horizon Oil Spill</strong></td>
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<td><strong>Effects of Oil Exposure on the Fish Cardiovascular System</strong></td>
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<td><strong>Health Problems in Bottlenose Dolphins Living in the Northern Gulf of Mexico Following the Deepwater Horizon Oil Spill</strong></td>
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<td><strong>Pathologic Findings in Stranded Cetaceans in the Northern Gulf of Mexico Following the Deepwater Horizon Oil Spill</strong></td>
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<td>1:30 p.m.-4:30 p.m.</td>
<td><strong>Clinical Pathology Focused Scientific Session I</strong></td>
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<td><strong>Gastrointestinal Biomarkers</strong></td>
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<td>1:30 p.m.-5:00 p.m.</td>
<td><strong>Diagnostic Pathology Focused Scientific Session I</strong></td>
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<td>1:30 p.m.-5:00 p.m.</td>
<td><strong>Experimental Disease Focused Scientific Session I</strong></td>
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<td><strong>Canine Inherited Retinal Diseases: Molecular Mechanisms, Gene-based Treatments, and Translational Applications</strong></td>
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<td><strong>“One Man’s View of One Health” (“Translational Lessons Learned From a Canine Model of Duchenne Muscular Dystrophy”)</strong></td>
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<td>1:30 p.m.-5:00 p.m.</td>
<td><strong>Natural Disease Focused Scientific Session II</strong></td>
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<td>4:30 p.m.-6:00 p.m.</td>
<td><strong>ASVCP Business Meeting</strong></td>
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<td>6:00 p.m.-7:30 p.m.</td>
<td><strong>ACVP Town Hall Business Meeting</strong></td>
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<td>7:30 p.m.-9:30 p.m.</td>
<td><strong>Mystery Slide Review: Aquatic Pathology</strong></td>
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### Monday, December 5

7:30 a.m.-12:30 p.m.  
**Registration**

8:00 a.m.-12:00 noon  
**ACVP/ASVCP Joint Plenary Session: Cell Plasticity**

8:00 a.m.-8:50 a.m.  
**The Biology and Therapeutic Benefit of Adipose Stem Cells are Altered by Obesity and Aging**  
Bruce A. Bunnell, PhD  
Professor and Director, Tulane Center for Stem Cell Research and Regenerative Medicine; Professor, Department of Pharmacology, Tulane University School of Medicine; and Chairman, Division of Gene Therapy, Tulane National Primate Research Center, New Orleans, LA

8:50 a.m.-9:40 a.m.  
**Prostate Epithelial Homeostasis and Carcinogenesis**  
Li Xin, PhD  
Associate Professor, Department of Molecular and Cellular Biology, Baylor College of Medicine, Houston, TX

9:40 a.m.-10:10 a.m.  
**Refreshment Break**

10:10 a.m.-11:00 a.m.  
**Molecular Targets for the Treatment of Inflammatory and Infectious Diseases**  
Thirumala-Devi Kanneganti, PhD  
Faculty Member, Department of Immunology, St. Jude Children's Research Hospital, Memphis, TN

11:00 a.m.-11:50 a.m.  
**Functional Tissue Engineering in the Age of Multi-Drug Resistant Bacteria**  
Elizabeth G. Loboa, PhD  
Dean, College of Engineering, Professor, Bioengineering, University of Missouri, Columbia, MO

11:50 a.m.-12:00 noon  
**Questions and Discussion**

8:00 a.m.-12:00 noon  
**Concurrent Session II: Histology of Juvenile Animals**  
- Development of Juvenile Beagle Dogs  
- Postnatal Development of Sprague-Dawley Rats  
- Histology of Juvenile Nonhuman Primates With Emphasis on Rhesus Macaques: What’s Normal?  
- Evaluating Tissues and Organs From Juvenile Minipigs: Normal Findings and Background Changes

8:00 a.m.-12:00 noon  
**Concurrent Session III: Small Ruminant Pathology**  
- Small Ruminant Clostridial Diseases  
- Small Ruminant Pathology  
- Main Diseases of Small Ruminants in Brazil  
- Small Ruminant Neuropathology

8:00 a.m.-12:00 noon  
**Clinical Pathology Focused Scientific Session II**  
- Dynamics of Peripheral and Mucosal CD4+ T Cells in Simian Immunodeficiency Virus Infection and AIDS

8:00 a.m.-12:00 noon  
**Education Focused Scientific Session**

9:30 a.m.-1:00 p.m.  
**Focused Scientific Poster Session**

9:30 a.m.-1:00 p.m.  
**ASVCP Veterinary Laboratory Professionals Session III**  
- Updates on Fanconi Syndrome and Cystinuria: Heterogeneous Genetic Basis and Association to Pet Jerky Treats  
- Canine Blood Compatibility Issues: DEA 1, Dal, and Kai Typing

12:15 p.m.-2:00 p.m.  
**Latin Comparative Pathology Group Presents**

1:30 p.m.-3:30 p.m.  
**ASVCP Case Discussion Session**

1:30 p.m.-4:30 p.m.  
**Community Service Project: Clean the World**

1:45 p.m.-3:00 p.m.  
**Meet the Pathologists**

3:00 p.m.-5:00 p.m.  
**Veterinary Student and Resident Forum**

5:15 p.m.-6:45 p.m.  
**ASVCP Reception**

7:00 p.m.-9:00 p.m.  
**Mystery Slide Review: Neuropathology**

### Tuesday, December 6

7:30 a.m.-5:00 p.m.  
**Registration**

8:00 a.m.-12:00 noon  
**Concurrent Session II: Histology of Juvenile Animals**  
- Development of Juvenile Beagle Dogs  
- Postnatal Development of Sprague-Dawley Rats  
- Histology of Juvenile Nonhuman Primates With Emphasis on Rhesus Macaques: What’s Normal?  
- Evaluating Tissues and Organs From Juvenile Minipigs: Normal Findings and Background Changes

8:00 a.m.-12:00 noon  
**Concurrent Session III: Small Ruminant Pathology**  
- Small Ruminant Clostridial Diseases  
- Small Ruminant Pathology  
- Main Diseases of Small Ruminants in Brazil  
- Small Ruminant Neuropathology

8:00 a.m.-12:00 noon  
**Clinical Pathology Focused Scientific Session II**  
- Dynamics of Peripheral and Mucosal CD4+ T Cells in Simian Immunodeficiency Virus Infection and AIDS

8:00 a.m.-12:00 noon  
**Education Focused Scientific Session**

9:30 a.m.-3:30 p.m.  
**Focused Scientific Poster Session**
Tuesday, December 6 - continued

12:15 p.m.-1:15 p.m.  
**Best Practices for High Stakes Examination Standard Setting and Equating**

1:30 p.m.-5:00 p.m.  
**ASVCP Mystery Slide Case Session**

1:30 p.m.-5:00 p.m.  
**Diagnostic Pathology Focused Scientific Session II**

1:30 p.m.-5:00 p.m.  
**Experimental Disease Focused Scientific Session I**  
- AIDS Pathogenesis and the Mucosal Immune System: Insights From Nonhuman Primate Models  
- Of Animals and Humans: Pathogenic Properties in the Evolving Genus Helicobacter

1:30 p.m.-5:00 p.m.  
**Industrial and Toxicologic Pathology Focused Scientific Session II**  
- Overview of Integrative Safety Assessment From a Pathology Perspective  
- Microbiota and Reproducibility of Animals Models

5:15 p.m.-6:45 p.m.  
**ACVP Awards and Recognition Event**

7:00 p.m.-9:00 p.m.  
**ACVP Presidential Reception**

Wednesday, December 7 - continued

8:00 a.m.-12:00 p.m.  
**Concurrent Session V: Racehorse Pathology**  
- Introduction to Racehorse Pathology  
- The California Racehorse Postmortem Program: Humeral and Axial Fractures  
- The Workhorse of the Racehorse: Review of Fetlock Pathology  
- Common and Catastrophic Carpal Injuries in the Racehorse: Clarifying Cubital Conundrums  
- Prevalence, Location and Symmetry of Noncatastrophic Ligamentous Suspensory Apparatus Lesions in California Thoroughbred Racehorses, and Association of These Lesions with Catastrophic Injuries

8:00 a.m.-12:00 noon  
**Mini-Symposium II: Global Health Initiative**  
- Introducing the Global Health Network  
- GHPN: From a Country Specific Perspective  
- GHPN: From a Global Mosaic Perspective  
- Panel Discussion

8:00 a.m.-12:00 noon  
**ACVP Young Investigator Award Poster Session**  
(featureting recipients of the 2016 ACVP Young Investigator Awards)

1:00 p.m.-7:00 p.m. (available at an additional fee)  
**Post-Meeting Workshop**  
**Advanced Techniques in Veterinary Forensic Pathology**

A recent survey of the ACVP membership (McEwen & McDonough, 2016) identified a lack of training opportunities in Forensic Pathology as a major impediment to participation in this burgeoning field. In response, Drs. Sean McDonough and Jason Brooks will be offering a one day post-meeting workshop at the annual meeting in New Orleans designed to provide in-depth training in order to enhance the skill set and confidence of veterinary pathologists in approaching forensic necropsies. This workshop combines didactic lectures with active, hands-on learning experiences in forensic photography (Ralph Ristenbatt), trace evidence collection and chain of custody (Dr. Jason Brooks and Ralph Ristenbatt) and forensic entomology (Dr. Jason Byrd). Breakout activities include: forensic pathology photography, alternative light source illumination and obtaining DNA evidence, and collection and identification of insects relevant to determining the time of death. Please consider registering for this exciting workshop.