**PROGRAM OUTLINE**

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**Friday, December 2, 2016**

6:00 p.m.-8:00 p.m.  
Registration

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**Saturday, December 3, 2016**

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

Pre-Meeting Workshops (available at an additional fee)

8:15 a.m.-4:30 p.m.  
**ACVP Pre-Meeting Workshop: Primate Pathology**  
**Infectious Disease in Nonhuman Primates**  
Session Chair: J. Mark Cline, DVM, PhD*  
Professor of Pathology/Comparative Medicine, Wake Forest School of Medicine, Winston-Salem, NC

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

8:15 a.m.-8:45 a.m.  
Registration, Coffee

8:45 a.m.-9:30 a.m.  
**AIDS Pathogenesis**  
Mahesh Mohan, DVM, PhD  
Assistant Professor, Microbiology and Immunology, Division of Comparative Pathology, Tulane National Primate Research Center, Covington, LA

9:30 a.m.-10:15 a.m.  
**Tuberculosis**  
Denae Lobato, DVM*  
Post-Doctoral Fellow, Tulane National Primate Research Center, Tulane University, Covington, LA

10:15 a.m.-10:30 a.m.  
Refreshment Break

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10:30 a.m.-11:15 a.m.  
Biodefense  
Chad J. Roy, PhD, MSPH  
Professor, Division of Bacteriology and Parasitology, Tulane National Primate Research Center, Covington, LA

11:15 a.m.-12:00 noon  
**Lyme Disease**  
Monica Embers, PhD  
Assistant Professor, Division of Bacteriology and Parasitology, Tulane National Primate Research Center, Covington, LA

12:00 noon-1:00 p.m.  
Lunch (on your own)

1:00 p.m.-1:45 p.m.  
**Infectious Diseases That May Affect Toxicologic Pathology Studies**  
Alys Bradley, BSc, BVSc, MAnimSC, DRCP, FRIPH, MRCVS, FRCP, FIATP*  
Director of Pathology, Charles River Laboratories, East Lothian, Scotland

1:45 p.m.-5:00 p.m.  
**Case Presentations**  
12 Cases, 15 minutes per case, 10 minutes for presentation, 5 for discussion

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  
Session Chairs: Charlotte Hollinger, VMD, MS*, Associate Pathologist, Zoological Health Program, Wildlife Conservation Society, Bronx, NY and Angela Royal, DVM, MS*, Assistant Clinical Professor - Clinical Pathology, University of Missouri College of Veterinary Medicine Veterinary Medical Diagnostic Laboratory, Columbia, MO

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 pharmaceutical development. 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.
8:00 a.m.-8:10 a.m.
Welcome and Introduction
Charlotte Hollinger, VMD, MS* and Angela Royal, DVM, MS*

8:10 a.m.-9:50 a.m.
Diagnostic Issues in Bone Marrow Analysis Explored Through Cases of Suspected Immune-Mediated Cytopenias
Mike Scott, DVM, PhD*
Associate Professor, Pathology and Diagnostic Investigation and the Diagnostic Center for Population and Animal Health, Michigan State University, East Lansing, MI

9:50 a.m.-10:20 a.m.
Refreshment Break

10:20 a.m.-12:00 noon
Bone Marrow Stromal Disorders
Douglas J. Weiss, DVM, PhD*
Emeritus Professor, University of Minnesota, Pine River, MN

12:00 noon-1:10 p.m.
Lunch Break (boxed lunch included)

1:10 p.m.-2:50 p.m.
Solving Challenging Hematopathology Cases
Dorothee Bienzle, DVM, PhD*
Professor, Department of Pathobiology, University of Guelph, Guelph, Ontario, Canada

2:50 p.m.-3:20 p.m.
Refreshment Break

3:20 p.m.-5:00 p.m.
Applied Hematopathology in Pharmaceutical Development
Aradhana (Ara) Gupta, DVM, MVSc, DABT*
Veterinary Pathologist, Merial, Inc.—A Sanofi Company, Duluth, GA

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
Session Chair: Bruce Williams, DVM*

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 section, 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?
Moderator: Carolyn Hart
Recruiter, IDEXX Laboratories, Inc.

Panelists:
Catherine Lamm, DVM*
MRCVS, North American Head of Anatomic Pathology, IDEXX Laboratories, Inc.

Ed de Oliveira
Talent Acquisition Manager, Reference Laboratories and Veterinary Professionals, IDEXX Laboratories, Inc.

This interactive panel session is designed to help the first-time job seeker or an experienced professional returning to the “job market.” You will benefit from candid responses that will provide you with an insider view of job seeking, networking, and interviewing. Learn techniques and gain knowledge that will position you to get the job offer you want.

Please join us for an engaging, helpful, and fun panel discussion that will help you navigate the “New Rules” to land the job.

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
Vote for the First Annual People's Choice Poster Award!

Sunday, December 4, 2016

7:00 a.m.-8:00 a.m.
Veterinary Student Breakfast
(all students are invited to attend!)

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

8:00 a.m.-12:00 noon
ASVCP Education Symposium:
Let's Get Hormonal: Endocrine Function Tests in Diagnostic and Toxicologic Pathology
Session Chair: Laura Snyder, DVM*
Marshfield Labs, Marshfield, WI

8:00 a.m.-8:50 a.m.
Use of Serum Hormones in the Evaluation of Endocrine-Active Compounds.
Charles E. Wood, DVM, PhD*
Research Biologist/Pathologist, U.S. Environmental Protection Agency, Research Triangle Park, NC

8:50 a.m.-9:40 a.m.
Critical Illness Related Cortisol Insufficiency in Septic Foals
Michelle Henry Barton, DVM, PhD, DACVIM-LAIM
Director of Clinical Academic Affairs and Fuller E. Callaway Professor, Large Animal Medicine, University of Georgia, Athens, GA
9:40 a.m.-10:10 a.m.
Refreshment Break

10:10 a.m.-11:00 a.m.
Laboratory Evaluation of Atypical Hyper and Hypoadrenocorticism in Dogs
Luca Giori, DVM, PhD
Assistant Professor, University of Tennessee College of Veterinary Medicine, Knoxville, TN

11:00 a.m.-11:50 a.m.
Equine PPID and EMS: Causes, Consequences, and Current Diagnostic Test Strategies
Dianne McFarlane, DVM, PhD, DACVIM-LAIM
Professor, Department of Physiological Sciences, Center for Veterinary Health Sciences, Oklahoma State University, Stillwater, OK

8:00 a.m.-12:00 noon
ASVCP Veterinary Laboratory Professionals Session I
Session Chair: Lynne Shanahan, MT, ASCP
Supervisor, Clinical Pathology, Colorado State University, Fort Collins, CO

8:00 a.m.
Welcome
Lynne Shanahan, MT, ASCP

8:05 a.m.-9:00 a.m.
Rodent Clinical Pathology: Differentials, Dilutions, and Other Dilemmas
Jennifer Johns, DVM, PhD
Assistant Professor, Stanford University School of Medicine, Stanford, CA

9:00 a.m.-10:00 a.m.
How I Use Hematology as an Exotic Animal Clinician
Terry Campbell, DVM, PhD
Associate Professor, Colorado State University, Fort Collins, CO

10:00 a.m.-10:30 a.m.
Refreshment Break

10:30 a.m.-11:30 a.m.
How I Use a Chemical Diagnostic Panel in an Exotic Animal Clinical Practice
Terry Campbell, DVM, PhD

8:00 a.m.-12:00 noon
Career Development Session: Personnel Management
Session Chair: Lauri Diehl, DVM, PhD*
Senior Pathologist and Immunology Group Leader, Genentech, South San Francisco, CA

8:00 a.m.-8:45 a.m.
Difficult Conversations: How to Survive and Thrive as a People Manager
Lauri Diehl, DVM, PhD*

8:45 a.m.-9:30 a.m.
My Training Didn’t Cover This: The Importance of on-the-Job Learning for Personnel Management and Leadership
Nathaniel Collins, DVM, PhD*
Senior Director, Toxicology and Pathology, Celgene, Summit, NJ

9:30 a.m.-10:15 a.m.
Personnel Management: An Academic Perspective
Gregg A. Dean, DVM, PhD*
Professor and Department Head, Department of Microbiology, Immunology, and Pathology, Colorado State University, Fort Collins, CO

10:15 a.m.-10:45 a.m.
Refreshment Break

10:45 a.m.-12:00 noon
Panel Discussion

8:00 a.m.-12:00 noon
Concurrent Session I: Fish and Aquatic Invertebrate Pathology
Session Chairs: Wes Baumgartner, DVM, PhD*
Assistant Professor, College of Veterinary Medicine, Mississippi State University, Starkville, MS

8:00 a.m.-8:55 a.m.
Developments in Mollusc and Crustacean Pathology in Europe
Stephen Feist
Head of Pathology and Parasitology, Cefas Weymouth Laboratory, Weymouth, Dorset, England

8:55 a.m.-9:35 a.m.
Diseases of Shellfish
Roxanne Smolowitz, DVM
Assistant Professor and Director, Aquatic Diagnostic Laboratory, Roger Williams University, Bristol, RI

9:35 a.m.-10:15 a.m.
Coral Cut-Ups: Forty Years of Investigating Coral Health
Esther C. Peters, MS, PhD
Term Associate Professor, Department of Environmental Science and Policy, George Mason University, Fairfax, VA

10:15 a.m.-10:45 a.m.
Refreshment Break

10:45 a.m.-11:10 a.m.
Linking Estrogenic Contaminants to Intersex Condition in Black Bass and Sunfish in North Carolina Rivers and Streams
Mac Law, DVM, PhD*
Professor of Pathology, Department of Population Health and Pathobiology, College of Veterinary Medicine, North Carolina State University, Raleigh, NC

11:10 a.m.-11:35 a.m.
Searching for DeFINitive Diagnoses: Interpretation of Histopathologic Findings in Fish Toxicology Studies
Jeffrey C. Wolf, DVM*
11:35 a.m.-12:00 noon
Diseases, Pathology, and Recent Developments in US Farm-Raised Catfish (Ictalurus spp.)
Wes Baumgartner, DVM, PhD*

8:00 a.m.-12:00 noon
**Industrial and Toxicologic Pathology Focused Scientific Session I**
Session Chair: Torrie Crabbs, DVM*
Contractor for NIEHS/NTP QA, Experimental Pathology Laboratories, Inc., Research Triangle Park, NC

Invited Speakers
Molecular Pathology Approaches in Toxicologic Pathology
Ramesh C. Kovi, BVSc&AH, MVSc, PhD*
Staff Pathologist, Experimental Pathology Laboratories, Durham, NC

Postnatal Organ Development in Rats as a Confounding Factor in Juvenile Toxicology Studies
George A. Parker, DVM, PhD, DABT*
Senior Scientific Director, Global Pathology, WIL Research–A Charles River Company, Hillsborough, NC

8:00 a.m.-12:00 noon
**Natural Disease Focused Scientific Session I**
Session Chair: Gary Haldorson, DVM, PhD*
Department of Veterinary Microbiology and Pathology, Washington Animal Disease Diagnostic Laboratory, Washington State University, Pullman, WA

Invited Speaker
Update on the Epidemiology of High Pathogenicity Avian Influenza in Wild Birds
Thomas DeLiberto, DVM, PhD
Assistant Director of National Wildlife Research Center, USDA APHIS, Fort Collins, CO

9:30 a.m.-4:30 p.m.
**Focused Scientific Poster Session**

12:00 noon-1:30 p.m.
**IDEXX Veterinary Pathology Resident/Trainee Luncheon**
(All residents and trainees welcome to attend!)

12:15 p.m.-1:15 p.m.
**Emerging Disease Focused Seminar**
Session Chair: Francisco (Paco) Uzal, DVM, PhD*
Professor of Pathology, Animal Health and Food Safety Lab, University of California, Davis, CA

Zika Virus: Another Emergent Arbovirus
Rebecca C. Christofferson, MapSt, PhD
Assistant Professor, Department of Pathobiological Sciences, School of Veterinary Medicine, Baton Rouge, LA

1:00 p.m.-4:30 p.m.
**ASVCP Veterinary Laboratory Professionals Session II**
Session Chair: Lynne Shanahan, MT, ASCP

1:00 p.m.-2:00 p.m.
Fructosamine in Hyperthyroid Cats
Amy L. MacNeill, DVM, PhD*
Associate Professor, Colorado State University, Fort Collins, CO

2:00 p.m.-3:00 p.m.
Case Studies in Flow Cytometry and PARR Testing
Anne Avery, VMD, PhD
Associate Professor, Microbiology, Immunology, Pathology Department, Colorado State University, Fort Collins, CO

3:00 p.m.-3:30 p.m.
Refreshment Break

3:30 p.m.-4:30 p.m.
Ancillary Diagnostics for Cytology: Immunocytochemistry and Special Stains
Sarah Leavell, DVM
Post Doctoral Research Fellow, Department of Microbiology, Immunology, and Pathology, Colorado State University, Fort Collins, CO

1:30 p.m.-5:00 p.m.
**Mini-Symposium: Deepwater Horizon**
Session Chair: Kathleen M. Colegrove, DVM, PhD*
Associate Professor, Zoological Pathology Program, University of Illinois at Urbana-Champaign, Brookfield, IL

1:30 p.m.-2:15 p.m.
Sea Turtles and the BP Deepwater Horizon Oil Spill
Brian Stacy DVM, PhD*
Veterinary Medical Officer, NOAA Sea Turtle Program, Gainesville, FL

2:15 p.m.-3:00 p.m.
Effects of Oil Exposure on the Fish Cardiovascular System
John Incardona MD, PhD
Research Toxicologist, NOAA Fisheries, Northwest Fisheries Science Center, Seattle, WA

3:00 p.m.-3:30 p.m.
Refreshment Break

3:30 p.m.-4:15 p.m.
Health Problems in Bottlenose Dolphins Living in the Northern Gulf of Mexico Following the Deepwater Horizon Oil Spill
Cynthia Smith DVM
Director of Medicine, National Marine Mammal Foundation, San Diego, CA

4:15 p.m.-5:00 p.m.
Pathologic Findings in Stranded Cetaceans in the Northern Gulf of Mexico Following the Deepwater Horizon Oil Spill
Kathleen M. Colegrove DVM, PhD*

1:30 p.m.-4:30 p.m.
**Clinical Pathology Focused Scientific Session I**
Session Chair: Lindsay Tomlinson, DVM, PhD*
Research Fellow, Pfizer, Inc., Andover, MA

Invited Speaker
1:45 p.m.-2:45 p.m.
Gastrointestinal Biomarkers
Joerg Steiner, DrMedVet., PhD, DACVIM, DECVIM-CA, AGAF
Professor, Small Animal Internal Medicine, Texas A&M College of Veterinary Medicine & Biomedical Sciences, College Station, TX
Diagnostic Pathology Focused Scientific Session I  
Session Chair: David Rotstein, DVM, MPVM*  
CVM-VET-LIRN Liaison, CVM OSC/DC/CERT, Knoxville, TN

Experimental Disease Focused Scientific Session I  
Session Chair: Laura Janke, DVM, PhD*  
Veterinary Anatomic Pathologist, St. Jude Children's Research Hospital, Memphis, TN

Invited Speakers
1:30 p.m.
Canine Inherited Retinal Diseases: Molecular Mechanisms, Gene-Based Treatments, and Translational Applications  
Gustavo Aguirre, VMD, PhD, DACVO  
Professor of Medical Genetics and Ophthalmology, School of Veterinary Medicine, University of Pennsylvania, University Park, PA

One Man's View of One Health ("Translational Lessons Learned from a Canine Model of Duchenne Muscular Dystrophy")  
Joe N. Kornegay, DVM, PhD, DACVIM  
Professor, Department of Veterinary Integrative Biosciences and Director, Texas A&M Institute for Preclinical Studies (TIPS), College Station, TX

Natural Disease Focused Scientific Session II  
Session Chair: Gary Haldorson, DVM, PhD*

ASVCP Business Meeting
6:00 p.m.-7:30 p.m.
ACVP Town Hall Business Meeting
7:30 p.m.-9:30 p.m.
Mystery Slide Review: Aquatic Pathology  
Session Chairs:  
Wes Baumgartner, DVM, PhD*  
Assistant Professor, College of Veterinary Medicine, Mississippi State University, Starkville, MS  
Kathleen M. Colegrove, DVM, PhD*  
Associate Professor, Zoological Pathology Program, University of Illinois at Urbana-Champaign, Brookfield, IL

ASVCP: Engaging Trainees
8:00 p.m.-9:00 p.m.
9:15 a.m.-10:15 a.m.
Canine Blood Compatibility Issues: DEA 1, Dal and Kai Typing
Urs Giger, PD, DrMedVet

10:15 a.m.-10:45 a.m.
Refreshment Break

10:45 a.m.-12:00 noon
Hypernatremia Case Study
A Russell Moore, DVM, PhD*
Associate Professor, Colorado State University, Fort Collins, CO

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

12:15 p.m.-1:15 p.m.
Accepted! Creating Publication-Ready Photos, First Time, Every Time
Deborah Gillette DVM, PhD*, Santiago Diab, DVM*, Silvia Ferro, DVM, and Jeff Caswell, DVM, DVSc, PhD*

A good image is worth a thousand words. Photos are key to communicating pathologic findings and also increase the visibility and the reader's perception of your published work. On the other hand, multiple iterations of figure revision is a torment that all authors hope to avoid. This seminar from the editors of Veterinary Pathology is a practical approach to creating pathology photos that are ready for publication the first time, every time. We will start with brief tips on taking great photomicrographs and then demonstrate a simple method to arrange figures on a plate. We’ll show the common maladies in submitted photos—including problems of light balance, color, vignetting, and backgrounds—and provide simple steps for their prevention and therapy.

12:15 p.m.-1:45 p.m.
Latin Comparative Pathology Group (LCPG) Presents (presented in English)

12:15 p.m.-12:25 p.m.
Introduction

12:25 p.m.-12:55 p.m.
When Persistent Viruses Are Trouble: Polyomaviruses and Disease
Patricia Pesavento, DVM, PhD*
Professor, Pathology, Microbiology and Immunology, University of California at Davis, Davis, CA

12:55 p.m.-1:10 p.m.
West Nile Virus in Sheep
Guillermo Rimoldi, DVM*
California Animal Health and Food Safety Laboratory System, University of California at Davis, Davis, CA

1:10 p.m.-1:40 p.m.
Diseases of the Central Nervous System in Cattle in Brazil
Franklin Riet-Correa, DVM, MSc, PhD
Coordinator of the Animal Health Platform, National Institute of Agricultural Research, Colonia, Uruguay

1:45 p.m.-3:15 p.m.
LCPG Business Meeting

1:30 p.m.-3:30 p.m.
ASVCP Case Discussion Session
Session Chair: Tracy Stokol, DVM, PhD*
Associate Professor of Veterinary Clinical Pathology, Department of Population Medicine and Diagnostic Sciences, College of Veterinary Medicine, Cornell University, Ithaca, NY

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
Chair: Mark Simpson, DVM, PhD*
National Institutes of Health, Bethesda, MD

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
Session Chair: Jey Koehler, DVM, PhD*
Assistant Professor, Anatomic Pathology and Director, Histopathology Core Laboratory, Department of Pathobiology, Auburn College of Veterinary Medicine, Auburn, AL

Tuesday, December 6, 2016

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

8:00 a.m.-12:00 noon
Concurrent Session II: Histology of Juvenile Animals
Session Chair: Marie Odile Benoit-Biancamano, DVM, MSc, PhD, DECVP*
Professor, University of Montreal, Montreal, St-Hyacinthe, Quebec, Canada

8:00 a.m.-8:55 a.m.
Development of Juvenile Beagle Dogs
Claudine Tremblay, DVM, DES, MSc, DABT*
Scientific Director, Reproductive Pathology, Charles River Laboratories, Senneville, Quebec, Canada

8:55 a.m.-9:45 a.m.
Postnatal Development of Sprague-Dawley Rats
Marie-Odile Benoit-Biancamano, DVM, MSc, PhD, DECVP*

10:15 a.m.-11:05 a.m.
Histology of Juvenile Nonhuman Primates With Emphasis on Rhesus Macaques: What's Normal?
Anne Lewis, DVM, PhD*
Head of the Pathology Services Unit, Oregon National Primate Research Center, Oregon Health and Science University, Beaverton, OR

11:05 a.m.-12:00 noon
Evaluating Tissues and Organs From Juvenile Minipigs: Normal Findings and Background Changes
Nanna Grand, DVM
Pathologist, CiToxLAB Scantox A/S, Lille Skensved, Denmark

8:00 a.m.-12:00 noon
Concurrent Session III: Small Ruminant Pathology
Session Chairs: Fabio del Piero, DVM, PhD*
Professor of Pathology, Department of Pathobiological Sciences, School of Veterinary Medicine, Louisiana State University, Baton Rouge, LA
Francisco (Paco) Uzal, DVM, PhD*
Professor of Pathology, Animal Health and Food Safety Lab, University of California, Davis, CA

8:00 a.m.-8:05 a.m.
Introduction

8:05 a.m.-8:45 a.m.
Clostridial Diseases of Small Ruminants
Francisco (Paco) Uzal, DVM, PhD*

8:45 a.m.-10:15 a.m.
Small Ruminant Systemic Pathology
Edward G. Clark, DVM, MVSci*
Retired Diagnostic Pathology Consultant, Calgary, Alberta, Canada

10:15 a.m.-10:40 a.m.
Small Ruminant Neuropathology
Fabio del Piero, DVM, PhD*

10:40 a.m.-11:10 a.m.
Refreshment Break

11:10 a.m.-12:00 noon
Poisonous Plants Affecting Small Ruminants
Franklin Riet-Correa, DVM, MSc, PhD
Coordinator, Animal Health Platform, National Institute of Agricultural Research, Colonia, Uruguay

8:00 a.m.-12:00 noon
Clinical Pathology Focused Scientific Session II
Session Chair: Lindsay Tomlinson, DVM, DVSc*

Invited Speaker
10:45 a.m.-11:30 a.m.
Dynamics of Peripheral and Mucosal CD4+ T Cells in Simian Immunodeficiency Virus Infection and AIDS
Ronald Veazy, DVM, PhD
Professor and Chair, Division of Comparative Pathology, Tulane National Primate Research Center, Covington, LA
1:30 p.m.-5:00 p.m.  
**Diagnostic Pathology Focused Scientific Session II**  
Session Chair: David Rotstein, DVM, MPVM*

1:30 p.m.-5:00 p.m.  
**Experimental Disease Focused Scientific Session II**  
Session Chair: Laura Janke, DVM, PhD*

Invited Speakers  
1:30 p.m.  
Of Monkeys and Men: A Translational Approach to Studying Innate Immunity in Infectious Diseases  
R. Keith Reeves, PhD  
Assistant Professor of Medicine, Harvard Medical School/  
Beth Israel Deaconess Medical Center, Boston, MA

3:30 p.m.  
Of Animals and Humans: Pathogenic Properties in the Evolving Genus Helicobacter  
James G. Fox, DVM, DACLAM, FIDSA, AGAF  
Division of Comparative Medicine, Massachusetts Institute of Technology, Cambridge, MA

1:30 p.m.-5:00 p.m.  
**Industrial and Toxicologic Pathology Focused Scientific Session II**  
Session Chair: Torrie Crabbs, DVM*

Invited Speakers  
Overview of Integrative Safety Assessment From a Pathology Perspective  
Tanja S. Zabka, DVM, DSP*  
Senior Pathologist and Scientist, Genentech, Inc., South San Francisco, CA

Microbiota and Reproducibility of Animal Models  
Craig L. Franklin, DVM, PhD, DACLAM  
Professor, College of Veterinary Medicine, University of Missouri, Columbia, MO

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

7:00 p.m.-9:00 p.m.  
**ACVP Presidential Reception**  
(All attendees are invited!)

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**Wednesday, December 7, 2016**

8:00 a.m.-1:00 p.m.  
**Registration**

8:00 a.m.-12:00 noon  
**Concurrent Session IV: Rickettsial Diseases**  
Session Chairs: Britton Grasperge, DVM, PhD*  
Assistant Professor of Clinical Pathology, Department of Pathobiological Sciences, School of Veterinary Medicine, Louisiana State University, Baton Rouge, LA

Fabio del Piero, DVM, PhD*  
Professor of Pathology, Department of Pathobiological Sciences, School of Veterinary Medicine, Louisiana State University, Baton Rouge, LA

8:00 a.m.-8:05 a.m.  
Introduction

8:05 a.m.-8:45 a.m.  
The Veterinary Pathologist’s Role in the Detection and Study of Rickettsial Disease  
Britton Grasperge, DVM, PhD*

8:45 a.m.-9:25 a.m.  
Unraveling the Biology of Emerging Rickettsial Pathogens  
Kevin Macaluso, PhD  
Professor, Department of Pathobiological Sciences, School of Veterinary Medicine, Louisiana State University, Baton Rouge, LA

9:25 a.m.-10:05 a.m.  
Pathogenic Mechanisms Utilized by Spotted Fever Group Rickettsial Species During Disseminated Disease  
Juan J. Martinez, PhD  
Associate Professor, Department of Pathobiological Sciences, School of Veterinary Medicine, Louisiana State University, Baton Rouge, LA

10:05 a.m.-10:35 a.m.  
Refreshment Break

10:35 a.m.-11:35 a.m.  
The Canine-Human Interface in the Ecology and Epidemiology of Rocky Mountain Spotted Fever  
Christopher D. Paddock, MD, MPHTM  
Staff Pathologist, Infectious Disease Pathology Branch, Centers for Disease Control and Prevention, Atlanta, GA

11:35 a.m.-12:00 noon  
Questions and Discussion

8:00 a.m.-12:00 noon  
**Concurrent Session V: Racehorse Pathology**  
Session Chairs: Laura Kennedy, DVM*  
Assistant Professor, Anatomic Pathology, University of Kentucky Veterinary Diagnostic Laboratory, Lexington, KY

Francisco (Paco) Uzal, DVM, PhD*  
Professor of Pathology, Animal Health and Food Safety Lab, University of California, Davis, CA

8:00 a.m.-8:15 a.m.  
Introduction to Racehorse Pathology  
Laura Kennedy, DVM*

8:15 a.m.-9:00 a.m.  
The California Racehorse Postmortem Program: Humeral and Axial Fractures  
Francisco Uzal, DVM, PhD*

9:00 a.m.-9:45 a.m.  
The Workhorse of the Racehorse: Review of Fetlock Pathology  
Jennifer Janes, DVM, PhD*  
Assistant Professor, Veterinary Diagnostic Lab, University of Kentucky, Lexington, KY
9:45 a.m.-10:15 a.m.
Refreshment Break

10:15 a.m.-11:00 a.m.
Common and Catastrophic Carpal Injuries in the Racehorse: Clarifying Cubital Conundrums
Julie Engiles, VMD*
Associate Professor of Pathology, New Bolton Center, University of Pennsylvania, Kennett Square, PA

11:00 a.m.-11:30 a.m.
Prevalence, Location, and Symmetry of Noncatastrophic Ligamentous Suspensory Apparatus Lesions in California Thoroughbred Racehorses, and Association of These Lesions With Catastrophic Injuries
Ashley Hill, DVM, MPVM, PhD
Associate Professor of Clinical Diagnostic Epidemiology, California Animal Health and Food Safety Laboratory, University of California, Davis, CA

11:30 a.m.-12:00 noon
Panel Discussion

8:00 a.m.-12:00 noon
Mini-Symposium II: Global Health Pathology Initiative
Session Chairs: Tanja S. Zabka, DVM, DSP*
Senior Scientist/Pathologist, Safety Assessment, Genentech, South San Francisco, CA
Corrie Brown, DVM, PhD*
Josiah Meigs Distinguished Teaching Professor, Department of Veterinary Pathology, University of Georgia, Athens, GA

8:00 a.m.-8:15 a.m.
Introduction
Mark Simpson, DVM, PhD*

8:15 a.m.-8:45 a.m.
Introducing the Global Health Pathology Network
Tracey McNamara, DVM, DVM*
Professor of Pathology, Western University of Health Science, College of Veterinary Medicine, Pomona, CA

8:45 a.m.-9:45 a.m.
Corrie Brown, DVM, PhD*

9:45 a.m.-10:15 a.m.
Refreshment Break

10:15 a.m.-11:00 a.m.
GHPN: From a Country Specific Perspective
Tanja S. Zabka, DVM, DSP*

Sarah Corner, DVM*
PhD Candidate, Michigan State University, Lansing, MI

11:00 a.m.-11:45 a.m.
GHPN: From a Global Mosaic Perspective
Derron A. Alves, DVM*

Chief, Education Division, DoD Veterinary Pathology Residency Program, Joint Pathology Center, Silver Spring, MD

11:45 a.m.-12:00 noon
Panel Discussion

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

1:00 p.m.-7:00 p.m.
Post-Meeting Workshop (available at an additional fee)
Advanced Techniques in Veterinary Forensic Pathology
Session Chairs: Sean P. McDonough, DVM, PhD*
Associate Professor, Biomedical Sciences, Section of Anatomic Pathology, Cornell University, Ithaca, NY
Jason W. Brooks, VMD, PhD*
Clinical Assistant Professor, Animal Diagnostic Laboratory, Pennsylvania State University, University Park, PA

Interest in forensic pathology is increasing among both trainees and diplomates of the College. A survey of the membership (McEwen & McDonough) in 2015 identified a lack of training opportunities in the discipline as a major impediment to participation in this burgeoning field. Our workshop is designed to provide in-depth training in specific topics that will improve the skill set of veterinary pathologists and increase their confidence in approaching forensic necropsies.

The proposed topics include a lecture and practical session on forensic photography. Photographs are an essential component of a forensic investigation and necropsy photographs are routinely offered as evidence at trial. Admissibility of necropsy photographs depends on their probative value outweighing the tendency of gruesome images to inflame the jury. Proper composition and orientation are crucial when offering images to a lay audience. Resolution, chain of custody, long-term storage, and the limits of acceptable image manipulation will be discussed. A breakout session where participants can use their own camera to practice forensic pathology photography will follow the lecture.

A second session will focus on trace evidence collection and chain of custody. This will be a lecture by Jason Brooks. Dr. Brooks and Ralph Ristenblatt will co-teach a section of trace evidence collection, and a breakout session will allow hands-on-practice. Tentative topics include trace evidence collection aided by alternative light source illumination and DNA evidence collection. Finally, we hope to have Dr. Jason Byrd give a lecture on forensic entomology followed by a breakout session on collection and identification of insects relevant to determining the time of death.

1:00 p.m.-2:00 p.m.
Photography for the Forensic Pathologist
Ralph R. Ristenbatt, III, MS, D-ABC, SCSA-IAI
Instructor and Senior Research Assistant, Forensic Science Program, Pennsylvania State University, University Park, PA
2:00 p.m.-2:45 p.m.
Collection of Evidence at Necropsy: Maintenance of Chain of Custody in the Diagnostic Laboratory
Jason W. Brooks, VMD, PhD*
Clinical Assistant Professor, Animal Diagnostic Laboratory, Pennsylvania State University, University Park, PA

2:45 p.m.-3:00 p.m.
Refreshment Break

3:00 p.m.-3:30 p.m.
Forensic Entomology for the Veterinary Pathologist
Jason Byrd, PhD
Associate Professor and Associate Director, Maples Center for Forensic Medicine, University of Florida College of Medicine, Gainesville, FL

3:30 p.m.-3:45 p.m.
Break

3:45 p.m.-5:15 p.m. and 5:15 p.m.-6:45 p.m.
Labs