



ACVP

An Official Publication of The American College of Veterinary Pathologists

September 2011

From the President

Derek A. Mosier, DVM, PhD
2011 ACVP President



During the past year, there has been informal discussion among Council and various Committee Chairs about the structure of our standing committees and task forces. Several situations have arisen where different committees have been charged with similar activities or where there has been confusion or lack of coordination for certain activities. In an attempt to remedy some of these issues, Council approved a new committee structure during their June teleconference meeting. The major goal of this reorganization is to more closely align committees and subcommittees who have similar tasks into specific categories. These categories are listed as the headings for each box in the attached diagram. For many committees, the reorganization has little impact on their activities and responsibilities. Other committees have been merged, or in some cases disbanded. Some new committees have also been formed. The major changes from our previous committee structure include:

The major goal of this reorganization is to more closely align committees & subcommittees who have similar tasks into specific categories.

- Creation of a Certifying Examination Advisory Board to follow-up on the activities of the Certifying Examination Task Force. This board will work in close conjunction with the Examination Committee and Council to deal with long range, strategic issues related to the certifying examination.
- Conversion of the Life-Long Learning Task Force into a standing committee. The importance of facilitating learning opportunities for members led to this change.
- Conversion of the Training Program Development Task Force into a restructured Training Committee. This committee will have expanded and more specific charges and responsibilities than in the past.
- Most of the work of the Complementary Resources Task Force will be captured in two new committees: the International and Domestic Alliances Committees.
- Creation of a "Maintenance of Certification" Committee to deal with the upcoming requirement from the American Board of Veterinary Specialties to have a policy for maintenance of certification (See the Secretary/Treasurer

continued on page 2

The Secretary/Treasurer's Corner

Michael J. Topper, DVM, PhD



In this section, I want to give the membership some updates on various items that are completed or ongoing.

Election Results

The polls closed on 30 June 2011, and I am pleased to announce that Maxey Wellman was elected as the 2012 President-elect and Anne Barger was elected as the 2012-2015 Councilor. Maxey, a past president of the ASVCP who is currently finishing up her 4th year on the ACVP Council, and Anne, who served for four years on the Examination Committee with the last year as Clinical Pathology Chair, will start their terms at the end of the ACVP Annual Meeting in Nashville.

Maintenance of Certification

As reported in the June 2011 ACVP Newsletter, the American Board of Veterinary Specialties (ABVS) made a recommendation to the AVMA's Executive Board to require that veterinary specialty organizations have a mandatory program for maintenance of certification (MOC), beginning no later than 2016. This recommendation was approved by them at their June 2011 meeting as reported in the 1 August edition of JAVMA: <http://www.avma.org/onlnews/javma/aug11/110801f.asp>.

Once instituted in the next few years, new ACVP diplomate certificates awarded will be time dated. The ACVP will have to require these newly certified diplomates to maintain their certification and will have an evaluation process to ensure compliance by the diplomates. The ACVP, through the work of the Life-Long Learning Task Force, is currently developing a framework for addressing this new requirement based upon ABVS provided guidance. In general, the ABVS guidance states that examinations are not required, a point system may be used and points may be accrued in a variety of ways (e.g., continuing education attendance or presentations, publications, serving on exam committees, etc.), evaluation of diplomates for MOC will occur at regular intervals determined by the specialty organization but at least once every 10

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- article by Mike Topper in the last newsletter for details).
- Realignment of many of the subcommittees of the Recruitment Committee into an Awards category.
 - Many of the roles and responsibilities of the Public Visibility Committee have been integrated into the Social Media Advisory Committee.
 - Creation of a Non-traditional Fundraising Committee to capture some non-traditional revenue sources.

There are still details to be worked out, and new committees to populate. However, we hope that this new structure creates greater efficiency and communication between our committees with similar tasks. This new structure also creates additional opportunities for member involvement. If you see a committee that you would have interest in serving on, please contact Wendy Coe at wcoe@acvp.org or me at DMosier@vet.k-state.edu so that your name can be forwarded to the appropriate Committee. We will begin making the committee transition between now and the Annual Meeting in December, at which time the new structure will go into effect.

The Secretary/Treasurer's Corner - continued from page 1

years from the date of initial certification, and that MOC will not be retroactive.

Once the Task Force develops a framework, it will be presented to Council. Council will then fully address this with the current membership and to the training programs so that the future members, who will be most affected by this, will be fully informed of the MOC program.

Strategic Planning

The reports of the task forces have been received by Council and they will begin their final deliberations to create the new ACVP Strategic Plan during their September 2011 Council Meeting in Ames. As President Derek Mosier reported in the June 2011 ACVP Newsletter, the Strategic Planning Group defined the major issues the ACVP needs to address over the next five-year period. Council will present the Strategic Plan at the upcoming Annual Meeting in Nashville.

2012 Dues Increase

As a result of rising operating costs, increasing activities for veterinary students, residents, and graduate students, and decreased amounts of money given by corporate sponsors, Council instituted a dues increase for 2012. The dues will increase from the current \$225 to \$250. Council is also working very diligently to contain and reduce spending for all ACVP programs and activities.

SAGE Scope Adds Deeper Look for SAGE Journals Online Users

SAGE, the publisher of the ACVP journal *Veterinary Pathology*, is adding a new feature to its SAGE Journals Online offerings with SAGE scope, a tool that provides readers with interactive slide imagery as supplements to articles posted on SAGE Journals Online. The digital pathology scanning and hosting will be provided by Flagship Biosciences, and powered by SlidePath's Digital Image Hub software.

This new addition will allow readers to view the pathology slides not as a flat image, but as if they were seeing it under their own light microscope. The ultra-high resolution slide with the proper digitization software can pan, zoom, and focus slides while adding specific application functionality unique to each user.

Researchers are able to drill down to 20x magnification with rich detail and high resolution, giving them full access to all the data the author or authors saw when they took the sample.

SAGE is the first academic publisher to create an active digital database for this, and sees further potential for use in its medical journals.

SAGE scope can be seen now in selected SAGE Journals Online, including slides from *Veterinary Pathology*, Volume 48, Issue 1. To view the digital files please go to <http://sagescope.flagshipbio.com>, login as username: guest, password: guest. Select VetPath, Volume 48, Issue 1.

Welcome to Molly Vanderlin as the ACVP Membership Coordinator

Molly Vanderlin joins The Rees Group as the Membership Coordinator for ACVP. With over 15 years experience of serving as a board member on several non-profit organizations, she brings with her both experience and knowledge well suited for her position.

Prior to joining The Rees Group she managed a high-end local shoe store for 5 years and worked with the non-profit Wisconsin

Milk Marketing Board. At WMMB she worked as their Consumer Project Coordinator working closely with both the Board of Directors and local cheese makers.

She is active in several community organizations and is co-owner of a Madison-based theater company. Outside of professional interests she reads, acts, and produces for her local theater community.

Aperio Scanning Slides at the Annual Meeting

Bring up to five glass slides to the Scanscope™ Slide Scanning Station and Aperio will create crisp, high-quality digital slide images for you to take home. At the close of the show, Aperio will provide your high-resolution digital slide images on a DVD disc. This is the 6th year that Aperio has converted conventional slides to digital images. Thanks go to Valerie Hofstetter and Aperio for their continuing generosity.



VIP Program Walks on the Wildside Michael Lairmore

Following the success of the past five years, the College will host an exciting Very Important Pathologists (VIP) program and you are invited. The program provides a stimulating atmosphere that will fire up your imagination and link you to your colleagues, spouses, and friends. The VIP program was created to honor those that have been ACVP certified for 25 or more years, as well as those with emeritus status.



This year's VIP program will be very invigorating and begins on the "wild" side. Representatives from the Walden's Puddle Wildlife Rehabilitation and Education Center will share slides, stories, and information on the important work of this group. Walden's Puddle provides care and treatment to retired, sick, injured, and legitimately orphaned Native Tennessee Wildlife. Then you will be invited to learn about elephants with speakers from the Elephant Sanctuary in Hohenwald, Tennessee. The Elephant Sanctuary in

Hohenwald, Tennessee, is the nation's largest natural-habitat refuge developed specifically to meet the needs of endangered elephants. It is a non-profit organization, licensed by the U.S. Department of Agriculture and the Tennessee Wildlife Resources Agency, and accredited by the Association of Sanctuaries, designed specifically for old, sick, or needy elephants that have been retired from zoos and circuses. They will show you a new way to view retirement!

After walking on the wild side you will be transported back in time as you tour Belle Meade Plantation. There you will get a vision of a one-hundred-year span of Tennessee history and architecture as you visit one of the South's most outstanding showplaces. On the National Register of Historic Places, Belle Meade has been beautifully restored to reflect the sumptuous elegance of the 19th century with elaborate antiques and art of the period. Costumed docents will greet you at the

doors to the Mansion and bring you into true antebellum Tennessee. You will be welcomed inside to hear the story of the John Harding family. John Harding boarded horses; Andrew Jackson was one of his customers. By 1816, he was breeding thoroughbreds and Belle Meade made its mark as a renowned thoroughbred nursery and stud farm. For horse enthusiasts, Belle Meade means the home of "Iroquois," until 1954, the only American-bred winner of the English Derby.

After touring Belle Meade, ACVP guests will enjoy lunch at one of Nashville's favorite restaurants, Puckett's Grocery (downtown). The restaurant is a well-known local establishment and your guests will enjoy the true southern home cooking. Finally, the group departs for another Nashville icon, RCA Studio B. Historic RCA Studio B is one of the world's most important recording studios. More than 35,000 songs were brought to life by the Studio B magic, including more than 1,000 top ten American hits, and over 150 Elvis Presley recordings (by far more than any other studio). Situated at 30 Music Square W and originally known simply as RCA Studios, it became famous in the 1960s for being a part of what many refer to as the Nashville Sound. A sophisticated style characterized by background vocals and strings, the Nashville Sound both revived the popularity of country music and helped establish Nashville, Tennessee as an international recording center.



So please join us for a day for a day of wildlife observation to a Southern history, from stories of the past to delicious cuisine and great music of today. You will surely get pleasure from the event as it will be the highlight of your ACVP experience!

See you in Nashville!

ACVP Scholarship Externship Report

**Rebecca Ruby
Massey University**

During my externship at the Wildlife Disease Laboratories of the Zoological Society of San Diego I had the opportunity to participate in gross postmortems on a variety of species ranging from hummingbirds to a rhinoceros. I was given increasing responsibility writing the findings and interpretations of these postmortems. Additionally I was invited to participate in weekly morbidity and mortality meetings between the pathologists, clinical veterinarians, and zoo keepers.

I was responsible for presenting each of my cases the following morning at rounds and given feedback on my interpretation of my findings. I was also able to participate in weekly histology rounds and in the final week I was given an AFIP slide to prepare for presentation. This was an excellent opportunity to learn how to approach and describe a histological slide. There was always adequate amount of time to spend learning about the diseases I saw on postmortem. The library and resources were extensive and the pathologists that I worked with were always willing to review slides or discuss cases with me.

During this externship I improved my gross postmortem skills, learned to take much better samples for histology, was able to see a huge range of animals, and learn about many of the diseases that are a threat to our zoo collection animals. Wildlife that dies on zoo grounds is also submitted and this gave me an opportunity to investigate the diseases that can be brought into zoos by wild animals, and also how wild animals are particularly important sentinels for certain diseases that could impact collection animals.

While on this externship we received a significant number of California Condors that died from lead poisoning after scavenging carcasses left behind by hunters. This is an ongoing issue in CA and AZ and really gave me insight into the complexity of managing some of our endangered species. Exposure to the amazing birds made me that much more passionate about conservation efforts and the role that veterinary pathologists can have.

Overall my experience at the Wildlife Disease Laboratories was an excellent one and I greatly appreciate the ACVP Externship Subcommittee for helping financially with this externship. I am now even more motivated to pursue a residency in zoo pathology.

2011 ACVP/ASVCP Concurrent Annual Meetings

December 3-7 • Nashville Convention Center and Renaissance Nashville Hotel • Nashville, Tennessee

Nate Collins, 2011 ACVP Program Chair • Jan Andrews, 2011 ASVCP Program Chair

PRELIMINARY PROGRAM

Saturday, December 3, 2011

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

Registration

8:00 a.m.-5:00 p.m.

ASVCP Pre-Meeting Workshop 2011 Guide to Toxicologic Clinical Pathology

Session Chair: *Lindsay Tomlinson, DVM, DVSc**
Pfizer Inc., Cambridge, MA

8:00 a.m.-8:10 a.m.

The ASVCP Regulatory Affairs Committee: Focus on Best Practices in Toxicologic Clinical Pathology

*Lindsay Tomlinson, DVM, DVSc**

*Anne Provencher-Bolliger, DVM, MSc**
Charles River Laboratories, Sherbrooke,
Quebec, Canada

8:10 a.m.-9:30 a.m.

Routine Laboratory Investigations: Hematology, Coagulation, Clinical Biochemistry, and Urinalysis

*Mehrdad Ameri, DVM, PhD**
Pfizer, Inc., Groton, CT

*Lila Ramaiah, DVM, PhD**
Huntingdon Life Sciences, East Millstone, NJ

9:30 a.m.-10:00 a.m.

Panel Discussion

10:00 a.m.-10:15 a.m.

Refreshment Break

10:15 a.m.-11:00 a.m.

Identification, Qualification and Implementation of New Biomarkers

*Denise Bounous, DVM, PhD**
Bristol-Myers Squibb Company, Princeton, NJ

11:00 a.m.-11:45 a.m.

Instrument and Method Validation

*Barbara von Beust, DrMedVet, PhD**
Labor am Zugersee, Winterthur, Switzerland

11:45 a.m.-12:45 a.m.

Lunch Break (on your own)

12:45 p.m.-1:45 p.m.

Points to Consider for Identification, Qualification and Implementation of New Biomarkers

*Daniela Ennulat, DVM, PhD**
GlaxoSmithKline, King of Prussia, PA

1:45 p.m.-3:00 p.m.

Data Analysis/Interpretation of Data and Overview of Roles and Responsibilities, Laboratory Personnel, and Report Process

Kelley Penraat, DVM, MVSc
Alpha-Omega Vet Consultant Services,
Lafayette, NJ

*Laura Boone, DVM, PhD**
Covance, Inc., Greenfield, IN

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

Panel Discussion

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

Refreshment Break

3:45 p.m.-5:00 p.m.

Beyond CBC and Chemistry Panel: The Expanding Roles of the Clinical Pathologist in Drug Development

*Lindsay Tomlinson, DVM, DVSc**

8:00 a.m.-5:00 p.m.

C.L. Davis Foundation Pre-Meeting Workshop

Navigating the Vast Pink Wasteland--- Making Neuropathology Easy and Fun

Session Chair: *Sarah L. Hale, DVM**

*Bruce Williams, DVM**

8:00 a.m.-8:10 a.m.

Introduction

8:10 a.m.-9:10 a.m.

Is it Real: Basic Neuropathology and Artifacts

*Sarah L. Hale, DVM**

9:10 a.m.-9:45 a.m.

Comparative Neuroanatomy

*William H. Jordan, DVM, PhD**
Vet Path Services, Inc., Mason, OH

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

Refreshment Break

10:15 a.m.-10:55 a.m.

Comparative Neuroanatomy (continued)

*William H. Jordan, DVM, PhD**

11:00 a.m.-11:45 a.m.

Small Animal Neuropathology

Thomas J. Van Winkle, VMD
University of Pennsylvania, Philadelphia, PA

11:45 a.m.-1:15 p.m.

Lunch Break (on your own)

1:15 p.m.-2:30 p.m.

Small Animal Neuropathology (continued)

*Thomas J. Van Winkle, VMD**

2:30 p.m.-5:00 p.m.

Large Animal Neuropathology

*Fabio Del Piero, DVM, PhD**
University of Pennsylvania, Kennett Square, PA

8:00 a.m.-5:00 p.m.

Primate Pathology Pre-Meeting Workshop Spontaneous Lesions and Diseases in Wild, Captive-Bred, and Zoo-Housed Nonhuman Primates

Session Co-Chairs: *Keith G. Whitfield, DVM**
Harvard Medical School, New England
Primate Research Center, Southborough, MA

*Vito G. Sasseville, DVM, PhD**
Novartis Institutes for BioMedical Research,
Inc., Cambridge, MA

*Joseph L. Mankowski, DVM, PhD**
Johns Hopkins University School of
Medicine, Baltimore, MD

8:00 a.m.-8:15 a.m.

Introduction

8:15 a.m.-9:15 a.m.

Session 1: Background and Spontaneous Lesions in Nonhuman Primates: Old World Monkeys and Great Apes

A Comparison of Diseases Seen in Wild vs Zoo-Housed Apes

*Linda J. Lowenstine, DVM, PhD**
University of California, Davis, Davis, CA

9:15 a.m.-10:15 a.m.

Presentation of Submitted Cases

Moderators: *Linda J. Lowenstine, DVM, PhD**
*Vito G. Sasseville, DVM, PhD**

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

Refreshment Break

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

Presentation of Submitted Cases

Moderators:
Alys Bradley, BSc, BVSc, ManimSc, DipRCPath, FRIPH, MRCVS, FRCPath
Charles River Laboratories, Edinburgh, UK

*Andrew D. Miller, DVM**
New England Primate Research Center,
Harvard Medical School, Southborough, MA

*Diplomate, ACVP

12:00 noon-1:00 p.m.

Lunch Break (on your own)

1:15 p.m.-2:00 p.m.

Session 2: Background and Spontaneous Lesions in Nonhuman Primates: New World Monkeys

Diseases of Primates in Collections:

Callatrachids and More

*Richard J. Montali, DVM**

Johns Hopkins University School of Medicine, Baltimore, MD

2:00 p.m.-3:00 p.m.

Presentation of Submitted Cases

Moderators:

*Richard J. Montali, DVM**

*Joseph L. Mankowski, DVM, PhD**

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

Refreshment Break

3:30 p.m.-5:00 p.m.

Presentation of Submitted Cases

Moderators:

*Robert D. Murname, DVM, PhD**

University of Washington, Seattle, WA

*Keith G. Mansfield, DVM**

8:00 a.m.-5:00 p.m.

ACVP/STP Coalition Scientific Session

Session Chair: *Gary L. Cockerell, DVM, PhD**

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

ASVCP Teaching Clinical Pathology

7:00 p.m.-8:30 p.m.

Opening Reception, Exhibits, Silent Auction, and Focused Poster Session

Sunday, December 4, 2011

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

Registration

8:00 a.m.-12:00 noon

**ASVCP Education Symposium
Coagulation Overview and Latest Updates**

Session Chair: *Jan Andrews, DVM, PhD**

Antech Diagnostics, Cary, NC

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

Introduction

8:05 a.m.-8:55 a.m.

Modeling Hemostasis: From Waterfalls to Cell Membranes and Beyond

Marjory Brooks, DVM, DACVIM

Animal Health Diagnostic Center, College of Veterinary Medicine, Ithaca, NY

8:55 a.m.-9:45 a.m.

Platelet Procoagulant Activity: The Flip Side of Platelet Function

Marjory Brooks, DVM, DACVIM

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

Refreshment Break

10:15 a.m.-11:05 a.m.

Application of Thrombelastography in Veterinary Medicine

Annemarie T. Kristensen, DVM, PhD

University of Copenhagen, Frederiksberg, Denmark

11:05 a.m.-11:55 a.m.

Diagnostic Management Team for Coagulation Disorders: The Expert is Always Available

Michael Laposata, MD, PhD

Vanderbilt University Hospital, Nashville, TN

11:55 a.m.-12:00 noon

Questions and Discussion

8:00 a.m.-12:00 noon

Mini-Symposium: Background and Spontaneous Lesions in Non-Human Primate Species Used for Drug Safety Studies

Session Chair: *Vito G. Sasseville, DVM, PhD**

Novartis Institutes for BioMedical Research, Inc., Cambridge, MA

Session Co-Chairs: *James F. Reindel, DVM, PhD**

Amgen, Inc., Seattle, WA

*Keith G. Mansfield, DVM, PhD**

8:00 a.m.-8:10 a.m.

Introduction

8:10 a.m.-9:00 a.m.

Incidences and Range of Spontaneous Findings in Cynomolgus Monkeys Used in Toxicity Studies

Alys Bradley, BSc, BVSc, MAniMSc, FRIPHH,

MRCVS, MRCPPath

Charles River Laboratories, Tranent, Edinburgh, UK

9:00 a.m.-9:40 a.m.

Lesions in the Urogenital System of Macaques

*J. Mark Cline, DVM, PhD**

Wake Forest School of Medicine, Winston-Salem, NC

9:40 a.m.-10:15 a.m.

Gastrointestinal Lesions and Pathogens in Macaques and Marmosets

*Vito G. Sasseville, DVM, PhD**

10:30 a.m.-11:10 a.m.

Age Associated Lesions in Rhesus Macaques

*Andrew D. Miller, DVM**

New England Primate Research Center, Harvard Medical School, Southborough, MA

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

Plasmodium and Drug Development

*David L. Hutto, DVM, PhD, DABT**

Eisai, Inc., Andover, MA

11:40 a.m.-12:00 noon

Speakers Forum

8:00 a.m.-12:00 noon

**Career Development Session
Entrepreneurship and Veterinary Pathology: Opportunities and Lessons Learned**

Session Chair: *John W. Sagartz, DVM, PhD**

Seventh Wave Laboratories, LLC,

Chesterfield, MO

8:00 a.m.-8:50 a.m.

Striking Out on Your Own: Key Considerations on Entities and Experts

Andrew P. Sagartz, MBA, JD

Bennu Legal, Lake Bluff, IL

8:50 a.m.-9:40 a.m.

Consulting Opportunities for Veterinary Anatomic and Clinical Pathologists in Industry - Finding Your Way

Graham S. Smith, BVMS, MRCVS, MSc

CanBioPharma Consulting, Inc., Rockwood, Ontario, Canada

9:40 a.m.-10:10 a.m.

Refreshment Break

10:10 a.m.-11:00 a.m.

Entrepreneurship for Veterinary Pathologists in Contract Laboratory Research

*John E. Sagartz, DVM, PhD**

11:00 a.m.-11:50 a.m.

Leadership Roles for Veterinary Pathologists in the Biotech Industry

William D. Kerns, DVM

Accellent Partners, LLC, Waltham, MA

11:50 a.m.-12:00 noon

Questions and Discussion

8:00 a.m.-12:00 noon

Diagnostic Pathology Focused Scientific Session

Session Chair: *Christiane V. Loehr, DVM, PhD**

Oregon State University, Corvallis, OR

Supported by Antech Diagnostics

*Diplomate, ACVP

8:00 a.m.-12:00 noon

Natural Disease Focused Scientific Session

Session Chair: *Tanya LeRoith, DVM, PhD**
Virginia Tech, Blacksburg, VA

Invited Speakers

9:15 a.m.-10:00 a.m.

Complexity of Viruses and the Type I Interferon System Towards Understanding the Role of Plasmacytoid Dendritic Cells During Porcine Infections

Artur Summerfield, DVM, PhD
Institute of Virology and Immunophylaxis, Mittelhaeusern, Switzerland

11:15 a.m.-12:00 noon

Obesity and Diabetes and the Risk for Developing Cancer

Derek LeRoith, MD, PhD, FACP
Mt. Sinai School of Medicine, New York, NY

9:30 a.m.-4:30 p.m.

Exhibits, Silent Auction, Focused Scientific Poster Session, Veterinary Student Poster Session

12:15 p.m.-1:15 p.m.

Emerging Disease Focus Seminar Honeybee Colony Collapse Disorder

Session Chair: *Dennis vanEngelsdorp, BSc (Agi), PhD*
Pennsylvania State University, University Park, PA

12:15 p.m.-12:30 p.m.

Mortality and Morbidity in the Bee Yard: Colony Collapse Disorder and Other Threats to Managed Honey Bee Populations

Dennis vanEngelsdorp, BSc (Agi), PhD

12:30 p.m.-12:45 p.m.

Bee Diseases: New Insights, Old Diseases

Eva Forsgren, MSc, PhD
Swedish University of Agricultural Sciences, Uppsala, Sweden

12:45 p.m.-1:00 p.m.

Looking for New Honey Bee Diseases Like No One has Looked Before

Jay Evans, PhD
USDA-ARS Bee Research Lab, Beltsville, MD

1:00 p.m.-1:15 p.m.

Questions and Discussion

12:30 p.m.-4:30 p.m.

ASVCP Veterinary Laboratory Professionals Session I

Session Chair: *Richard J. DeFrancisco, MT, MBA*
Cornell University, Ithaca, NY

12:30 p.m.-1:00 p.m.

Welcome to Attendees and Announcements

Richard J. DeFrancisco, MT, MBA

1:00 p.m.-2:00 p.m.

You Might Have to Guess: Parasites You May Not Know or Remember

Dwight Bowman, MS, PhD
Cornell University, Ithaca, NY

2:00 p.m.-3:00 p.m.

Flow Cytometry in Veterinary Medicine: How Does it Help Us Clinically

*Casey J. LeBlanc, DVM, PhD**
University of Tennessee, Knoxville, TN

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

Refreshment Break

3:30 p.m.-4:30 p.m.

Tales from the Wild Side: Wildlife Medicine at the Clinic for the Rehabilitation of Wildlife

Stephanie French, DVM, MS
CROW Wildlife Hospital, Sanibel, FL

1:30 p.m.-4:30 p.m.

Clinical Pathology Focused Scientific Session I

Session Chair: *Leslie C. Sharkey, DVM, PhD**
University of Minnesota, St. Paul, MN

Invited Speakers

1:30 p.m.-2:30 p.m.

Potential Role of the Monocyte in the Pathogenesis of Thrombosis in Equid Herpes Virus Type-1 Infection

*Tracy Stokol, BVSc, PhD**
Cornell University College of Veterinary Medicine, Ithaca, NY

3:30 p.m.-4:30 p.m.

The Cell-Based Model of Coagulation

Stephanie A. Smith, DVM
University of Illinois College of Medicine, Urbana, IL

1:30 p.m.-5:00 p.m.

Experimental Disease Focused Scientific Session I

Session Chair: *Caroline J. Zeiss, BVSc, PhD**
Yale University School of Medicine, New Haven, CT

Invited Speakers

1:30 p.m.-2:30 p.m.

Problems With Interpretation of Experimental Disease: The B6 Mouse Alopecia and Dermatitis Dilemma

*John P. Sundberg, DVM, PhD**
The Jackson Laboratory, Bar Harbor, ME

3:30 p.m.-4:30 p.m.

The Biology and Therapy of Cancer Metastasis to the Brain: How Tumor Cells Exploit the Host

Isaiah J. Fidler, DVM, PhD
M.D. Anderson Cancer Center, Houston, TX
Supported by Genentech

1:30 p.m.-5:00 p.m.

Industrial and Toxicologic Pathology Focused Scientific Session I

Session Chair: *Wayne Dochterman, DVM**
Covance Laboratories, Madison, WI

Invited Speakers

2:00 p.m.-3:00p.m.

Novel Renal Biomarkers, Predictability & Interpretation

*Daniela Ennulat, DVM, PhD**
GlaxoSmithKline, King of Prussia, PA

3:30 p.m.-4:30 p.m.

Biomarker Current Concepts and Mechanisms of Drug-Induced Vascular Injury

*Calvert S. Loudon, DVM, PhD**
Johnson & Johnson Pharmaceuticals, Raritan, NJ
Supported by Amgen Inc.

1:30 p.m.-5:00 p.m.

Natural Disease Focused Scientific Session II

Session Chair: *Tanya LeRoith, DVM, PhD**

Invited Speaker

4:00 p.m.-5:00 p.m.

Melanocytic Nevi, Melanoma and Peripheral Nerve Sheath Tumors - Not in the Textbooks

*Brian Summers, BVSc, PhD, FRCPath**
The Royal Veterinary College, London, United Kingdom

4:30 p.m.-6:00 p.m.

ASVCP Business Meeting

6:00 p.m.-7:30 p.m.

ACVP Town Hall Business Meeting

7:30 p.m.-10:00 p.m.

Mystery Slide Review and Neuropathology Case Presentations

Session Chair: *Donna M. Bouley, DVM, PhD**
Stanford University, Stanford, CA
Supported by Tox Path Specialists, LLC and Aperio

Monday, December 5, 2011

7:30 a.m.-1:00 p.m.

Registration

8:00 a.m.-12:00 noon

ACVP and ASVCP Joint Plenary Session Vascular Function and Malfunction

Session Chair: *Dennis W. Wilson, DVM, PhD**
University of California-Davis, Davis, CA

Session Co-Chair: *Kelli L. Boyd, DVM, PhD**
Vanderbilt University Medical Center, Nashville, TN

*Diplomate, ACVP

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

Welcome

ACVP President, *Derek Mosier, DVM, PhD**
 ASVCP President, *Kirstin Barnhart, DVM, PhD**

8:05 a.m.-8:10 a.m.

Introduction

8:10 a.m.-8:55 a.m.

Regulation of Vascular Responses to Hypoxia and Ischemia by HIF-1

Gregg Semenza, MD, PhD
 Johns Hopkins University, Baltimore, MD

8:55 a.m.-9:40 a.m.

Endothelial Response to Flow: A Common Mechanism Directing Embryonic Valve Development and Adult Atherosclerosis

H. Scott Baldwin, MD
 Vanderbilt University School of Medicine,
 Nashville, TN

9:40 a.m.-10:10 a.m.

Refreshment Break

10:10 a.m.-10:55 a.m.

Regulation of Leukocyte Transmigration

William A. Muller, MD, PhD
 Northwestern University Feinberg School
 of Medicine, Chicago, IL
Sponsored by ASIP

10:55 a.m.-11:40 a.m.

Comparative Pathogenesis of Selected Microbes at the Pathogen Vascular Interface

*Donald P. Knowles, DVM, PhD**
 USDA and Washington State University,
 Pullman, WA

11:40 a.m.-12:00 noon

Questions and Discussion

Supported by Charles River

8:00 a.m.-12:00 noon

ASVCP Veterinary Laboratory Professionals Session II

Session Chair: *Richard J. DeFrancisco, MT, MBA*

8:00 a.m.-9:00 a.m.

Thromboelastography for Evaluation of Coagulation Status: A Description of the Method and Discussion of Case Examples

*Elizabeth Spangler, DVM, PhD, DACVIM**
 Auburn University, Auburn, AL

9:00 a.m.-10:00 a.m.

Nonregenerative Anemia: Recent Advances in Understanding Mechanisms of Disease

*Michael M. Fry, DVM, MS**
 University of Tennessee, Knoxville, TN

*Diplomate, ACVP

10:00 a.m.-11:00 a.m.

Refreshment Break

11:00 a.m.-12:00 p.m.

VIN QC Material Study

Mark Rishniw, BVSc, PhD, DACVIM
 Veterinary Information Network, Ithaca, NY

9:30 a.m.-1:00 p.m.

Exhibits, Silent Auction, Focused Scientific Poster Session, Veterinary Student Poster Session

12:15 p.m.-1:15 p.m.

ACVP Clinical Pathology Examination Slide Review

12:15 p.m.-1:15 p.m.

ACVP Gross and Microscopic Examination Slide Review

12:15 p.m.-1:15 p.m.

Latin American Comparative Pathology Group Presents

1:30 p.m.-5:00 p.m.

Optional Events/Free Afternoon to Explore Nashville

5:15 p.m.-6:45 p.m.

ASVCP Reception

(open to members only)

7:00 p.m.-9:30 p.m.

Mystery Slide Review: Ocular Pathology

Session Chair: *K. Paige Carmichael, DVM, PhD**
 University of Georgia, Athens, GA
Supported by Aperio

7:10 p.m.-7:50 p.m.

Diagnosing Glaucoma

*Richard R. Dubielzig, DVM, PhD**
 University of Wisconsin, Madison, WI

7:50 p.m.-9:30 p.m.

Panel

*Richard R. Dubielzig, DVM, PhD**
*James A. Render, DVM, PhD**
 NAMSA, Northwood, OH

7:00 p.m.-9:00 p.m.

ASVCP Clinical Chemistry Review Session

Session Chair: *Anne Provencher Bolliger, DVM, MSc**

Tuesday, December 6, 2011

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

Registration

8:00 a.m.-12:00 noon

Concurrent Session I: Innate Immunity and Inflammatory Disease

Session Chair: *Tony Hayes, BVSc, PhD**
 University of Guelph, Guelph, Ontario,
 Canada

Session Co-Chair: *James B. Rottman, DVM, PhD**

Amgen, Cambridge, MA

8:00 a.m.-8:45 a.m.

The Broad Impact of NLRs on Infection and Inflammation

Jenny Ting, PhD
 University of North Carolina, Chapel Hill, NC

8:45 a.m.-9:25 a.m.

Pyroptosis: Host Cell Death and the Coordinated Inflammatory Response

Brad Cookson, MD, PhD, DABP
 University of Washington, Seattle, WA

9:25 a.m.-10:00 a.m.

The Role of Paneth Cells in the Pathogenesis of Inflammatory Bowel Disease

Thaddeus S. Stappenbeck, MD, PhD
 Washington University School of Medicine,
 St. Louis, MO

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

Refreshment Break

10:30 a.m.-11:10 a.m.

Innate Immune Responses and Respiratory Tract Inflammation

*Mark R. Ackermann, DVM, PhD**
 Iowa State University, Ames IA

11:10 a.m.-11:50 a.m.

Innate Immune Responses in Autoimmunity and the Pathogenesis of SLE

Ian Rifkin, MD, PhD, Board Certified in Nephrology
 Boston University, Boston, MA

11:50 a.m.-12:00 noon

Questions and Discussion

8:00 a.m.-12:00 noon

Concurrent Session II: Poultry Pathology

Session Chair: *Frederic J. Hoerr, DVM, PhD, ACPV**
 Auburn University College of Veterinary
 Medicine and Thompson-Bishop-Sparks
 State Diagnostic Laboratory, Auburn, AL

Session Co-Chair: *Oscar J. Fletcher, DVM, PhD, ACPV, ACPV**

North Carolina State University, Raleigh, NC

8:00 a.m.-8:50 a.m.

Perspectives from a Career in Poultry Pathology

*Oscar Fletcher, DVM, PhD, ACPV, ACPV**

8:50 a.m.-9:40 a.m.

Histomorphometry of Bone Marrow and Other Tissues in Diseases of Broiler Chickens

Floyd D. Wilson, DVM
Mississippi State University, Pearl, MS

9:40 a.m.-10:10 a.m.

Refreshment Break

10:10 a.m.-11:00 a.m.

Pathology of Poultry Organs of Special Sense

H. L. Shivaprasad, DVM, PhD, ACPV
University of California, Davis, CA

11:00 a.m.-11:50 a.m.

Pathology of Multifactorial Diseases in Broiler Chickens

*Frederic J. Hoerr, DVM, PhD, ACPV**

11:50 a.m.-12:00 noon

Questions and Discussion

8:00 a.m.-12:00 noon

Clinical Pathology Focused Scientific Session II

Session Chair: *Leslie C. Sharkey, DVM, PhD**

8:00 a.m.-12:00 noon

Education Focused Scientific Session

Session Chair: *Roberta Di Terlizzi, DVM, MRCVS**
University of Pennsylvania, Philadelphia, PA

Invited Speaker

8:05 a.m.-10:00 a.m.

Promoting Intellectual and Personal Development in Professional Students

Jeanette J. Norden, PhD
Vanderbilt University School of Medicine,
Franklin, TN

8:00 a.m.-12:00 noon

ASVCP Veterinary Laboratory Professionals Session III

Session Chair: *Richard J. DeFrancisco, MT, MBA*

8:00 a.m.-9:00 a.m.

An Overview of the Newly Revised ASVCP Quality Assurance Guidelines and Control of General Analytical Factors in Veterinary Laboratories

*Bente Flatland, DVM, DACVIM**
University of Tennessee, Knoxville, TN

9:00 a.m.-10:00 a.m.

Coagulation Testing in Animals Beyond APTT and PT

Marjory Brooks, DVM, DACVIM
Cornell University, Ithaca, NY

10:00 a.m.-11:00 a.m.

Refreshment Break – Visit the Exhibits and Posters

11:00 a.m.-12:00 p.m.

Let's Take Another Look at *M. haemofelis*: What Does its Genome Tell Us About the Disease it Causes and How it Survives Despite the Host's Immune Response

*Joanne Messick, VMD, PhD**
Purdue University, West Lafayette, IN

9:30 a.m.-3:30 p.m.

Exhibits, Silent Auction, Focused Scientific Poster Session, Veterinary Student Poster Session

1:30 p.m.-5:00 p.m.

ASVCP Case Review Session

Session Chair: *Anne Provencher Bolliger, DVM, MSc**

1:30 p.m.-5:00 p.m.

Diagnostic Pathology Focused Scientific Session II

Session Chair: *Christiane V. Loehr, DVM, PhD**

1:30 p.m.-5:00 p.m.

Experimental Disease Focused Scientific Session II

Session Chair: *Caroline J. Zeiss, BVSc, PhD**

Invited Speakers

1:30 p.m.-2:30 p.m.

Comparative Oncology Modeling of Drug Development

Melissa Paoloni, DVM, DACVIM
National Institutes of Health, Rockville, MD

3:30 p.m.-4:30 p.m.

The Pathologist's Role in Phenotyping Genetically Engineered Mice

*Peter Vogel, DVM, PhD**
St. Jude Children's Research Hospital,
Memphis, TN
Supported by Amgen Inc.

1:30 p.m.-5:00 p.m.

Industrial and Toxicologic Pathology Focused Scientific Session II

Session Chair: *Wayne Dochterman, DVM**

Invited Speakers

3:30 p.m.-4:30 p.m.

Investigative Methods for Ocular Drug Development

*Adelekan Oyejide, DVM, PhD**
Merck & Co., Inc., Summit, NJ

2:00 p.m.-3:00 p.m.

Nanotoxicology

*Ann F. Hubbs, DVM, PhD**
CDC, NIOSH, Morgantown, WV
Supported by Amgen Inc.

5:15 p.m.-6:45 p.m.

ACVP Awards and Recognition Event

7:00 p.m.-10:30 p.m.

ACVP Presidential Reception

Wednesday, December 7, 2011

8:00 a.m.-1:30 p.m.

Registration

8:00 a.m.-12:00 noon

Concurrent Session III: Tuberculosis

Session Chair: *Scott D. Fitzgerald, DVM, PhD**
Michigan State University, Lansing, MI

Session Co-Chair: *Mitchell V. Palmer, DVM, PhD*
National Animal Disease Center, ARS, USDA,
Ames, IA

8:00 a.m.-8:45 a.m.

General Overview of TB in Domestic Livestock, Pathogenesis, and Research into Transmission and Vaccines

Mitchell V. Palmer, DVM, PhD

8:45 a.m.-9:30 a.m.

Laboratory Animal Models of Tuberculosis and Research into the Pathogenesis of Caseous Necrosis

*Randall J. Basaraba, DVM, PhD**
Colorado State University, Fort Collins, CO

9:30 a.m.-10:00 a.m.

Refreshment Break

10:00 a.m.-10:45 a.m.

Wildlife Reservoirs of Tuberculosis Worldwide, and Current Methods in Surveillance, Diagnostics and Control

*Scott D. Fitzgerald, DVM, PhD**

10:45 a.m.-11:30 a.m.

The African Tuberculosis Situation including Mycobacteria Outside the TB Complex Species

Paul van Helden, PhD
University of Stellenbosch, Tygersberg,
South Africa

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

Questions and Discussion

8:00 a.m.-12:00 noon

Concurrent Session IV: Ocular Pathology

Session Chair: *Elizabeth M. Whitley, DVM, PhD**
Iowa State University, Ames, IA

Session Co-Chair: *Ingeborg M. Langohr, DVM, PhD**
Michigan State University, Lansing, MI

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

Introduction

8:05 a.m.-8:45 a.m.

Retinal Evolution, Structure, and Morphology Across Vertebrate Classes

*Caroline J. Zeiss, PhD, BVSc**
Yale University School of Medicine, New Haven, CT

*Diplomate, ACVP

8:45 a.m.-9:30 a.m.

Animal Models of Ocular Angiogenesis*John S. Penn, PhD*Vanderbilt University School of Medicine,
Nashville, TN

9:30 a.m.-10:00 a.m.

Refreshment Break

10:00 a.m.-10:45 a.m.

Clinicopathologic Correlation of Common Human Ocular Pathologies*Sander R. Dubovy, MD*University of Miami Bascom Palmer Eye
Institute, Miami, FL

10:45 a.m.-11:20 a.m.

The Painful Truth about Canine and Feline Glaucoma*Ingeborg M. Langohr, DVM, PhD**

11:20 a.m.-11:45 a.m.

Spontaneous and Iatrogenic Ocular Trauma in Canine and Feline Eyes*Elizabeth M. Whitley, DVM, PhD**

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

Questions and Discussion

8:00 a.m.-12:00 noon

Mini-Symposium: Evolutionary Genetic Pathology*Session Chair: Betsy W. Uhl, DVM, PhD**

University of Georgia, Athens, GA

8:00 a.m.-8:50 a.m.

The Power of Negative Results*Kenneth W. Weiss, PhD*Pennsylvania State University, University
Park, PA

8:50 a.m.-9:40 a.m.

The Evolutionary Genetics of Aging*Daniel Promislow, PhD*

University of Georgia, Athens, GA

9:40 a.m.-10:10 a.m.

Refreshment Break

10:10 a.m.-11:00 a.m.

Skin Phenotype and a Periodic Fever Syndrome in Chinese Shar-Pei Dogs*Kerstin Lindblad-Toh, PhD*Uppsala University, Uppsala, Sweden and
MIT and Harvard, Cambridge, MA

11:00 a.m.-11:50 a.m.

Defining Canine Lymphoma: A Work in Progress*Steven Suter, VMD, PhD*

North Carolina State University, Raleigh, NC

11:50 a.m.-12:00 noon

Questions and Discussion

8:00 a.m.-12:00 noon

ACVP Young Investigator Award Poster Session*ACVP thanks Antech Diagnostics for supporting the Young Investigator's Diagnostic Award and Tox Path Specialists for supporting the Young Investigator's Toxicologic Pathology Award.***Annual Meeting Ends**

1:00 p.m.-5:00 p.m.

Post-Meeting Workshop I: Zebrafish*Session Chair: Claudia Harper, DVM, ACLAM*
Amgen, Cambridge, MA*Session Co-Chair: Jeffrey C. Wolf, DVM**
Experimental Pathology Laboratories,
Sterling, VA

1:00 p.m.-1:10 p.m.

Introduction

1:10 p.m.-2:00 p.m.

Zebrafish as a Research Model*Michael J. Carvan, Ph.D.*University of Wisconsin-Milwaukee,
Milwaukee, WI

2:00 p.m.-2:50 p.m.

Zebrafish Anatomy, Histology and Physiology*Jeffrey C. Wolf, DVM**

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

Refreshment Break

3:20 p.m.-4:10 p.m.

Microsporidiosis and Mycobacteriosis in Zebrafish Research Facilities*Michael L. Kent, PhD*

Oregon State University, Corvallis, OR

4:10 p.m.-5:00 p.m.

Bridging Mice to Fish*Claudia Harper, DVM, ACLAM*

1:00 p.m.-5:00 p.m.

Post-Meeting Workshop II:**Beyond H&E/Quantitative Pathology***Session Chair: Heath C. Thomas, DVM, PhD**
GlaxoSmithKline, King of Prussia, PA*Session Co-Chair: Rogely W. Boyce, DVM,*
*PhD**

Amgen, Inc., Clay, WV

1:00 p.m.-1:10 p.m.

Introduction

1:10 p.m.-2:10 p.m.

Molecular Imaging of Proteins in Tissues: Looking Beyond Classical Histology*Richard M. Caprioli, PhD*Vanderbilt University Mass Spectrometry
Research Center, Nashville, TN

2:10 p.m.-3:00 p.m.

Path(ology) to Pixels: The Problems and Potential of Image Analysis*Robert W. Dunstan, DVM, PhD**

Biogen-Idec, Cambridge, MA

3:00 p.m.-3:20 p.m.

Refreshment Break

3:20 p.m.-4:10 p.m.

Obtaining Quality Genomic/Proteomic Information from Frozen and FFPE Tissue Blocks: Pitfalls and Caveats*Marshall S. Scicchitano, MS*

GlaxoSmithKline, King of Prussia, PA

4:10 p.m.-5:00 p.m.

Application of Stereological Sampling Techniques in a Regulatory Toxicology Environment*Rosanna Mirabile, MS*

GlaxoSmithKline, King of Prussia, PA

1:00 p.m.-5:00 p.m.

Post-Meeting Workshop III: Histologic Interpretation of Bone Marrow Biopsies*Session Chair: Dorothee Bienzle, DVM, PhD**University of Guelph, Guelph, Ontario,
Canada*Session Co-Chair: Rose E. Raskin, DVM, PhD**
Purdue University, West Lafayette, IN

1:00 p.m.-1:15 p.m.

Introduction

1:15 p.m.-2:00 p.m.

Bone Marrow Histology in Health*Rose E. Raskin, DVM, PhD**

2:00 p.m.-2:30 p.m.

WHO Classification of Myeloproliferative Disease in Humans*Claudio Mosse, MD, PhD*

Vanderbilt University, Nashville, TN

2:30 p.m.-3:00 p.m.

Classification of Myeloproliferative Disease in Animals*Dorothee Bienzle, DVM, PhD**

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

Assessment of Hematopoietic Toxicity in Animals*Armando R. Irizarry, DVM, PhD**

Purdue University, Indianapolis, IN

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

Refreshment Break

3:45 p.m.-5:00 p.m.

Interactive Case Discussions

*Diplomate, ACVP

Members In The News

Stephen W. Barthold, Receives the Inaugural 2011 Merial—AAVMC Excellence in Research Award

Stephen W. Barthold, DVM, PhD, of the University of California, Davis, School of Veterinary Medicine will receive the Association of American Veterinary Medical Colleges' (AAVMC) inaugural 2011 Merial-AAVMC Excellence in Research Award on Saturday, August 6, at the Merial-NIH National Veterinary Scholars Symposium in Florida.

The AAVMC board of directors established the annual award in 2010 to recognize outstanding research and scholarly achievements in the field of veterinary medicine. It recognizes an individual who, over the course of his or her career, has demonstrated excellence in original research, leadership in the scientific community, and mentoring of trainees and colleagues in any discipline of veterinary medicine.

Dr. Barthold researches the interaction between infectious disease agents and their hosts. While on the faculty of Yale University, he played a major role in coordinating a team of researchers that investigated and developed a vaccine for Lyme disease that can be used for both humans and animals. The National Institutes of Health (NIH) has funded Dr. Barthold's research for over 30 years. Over the past 25 years, he has been highly successful in obtaining NIH funding and is ranked above the 95th percentile in total funding. Since 1997, he has directed the Comparative Medical Science Training Program for graduate veterinarians training in biomedical research, funded by an NIH T32 training grant. He also obtained funding for the Summer Training in Advance Research (STAR) program, a summer research program for veterinary students. Having published close to 300 peer-reviewed articles, chapters, and books, he is highly regarded by his peers, students, and those who have suffered from Lyme disease.

Dr. Barthold received his bachelor's degree and DVM from the University of California in 1967 and 1969, respectively. He was a captain in the U.S. Army Veterinary Corps, U.S. Army Research Institute of Environmental Medicine for four years, beginning in 1969. Dr. Barthold studied experimental and comparative pathology at the University of Wisconsin, Madison, earning his master's degree in 1973 and a doctorate in 1974. He was appointed assistant professor of comparative medicine at the Yale School of Medicine in 1974, was promoted to full professor in 1989, and earned Diplomate status in the American College of Veterinary Pathologists in 1976. In 1997, he began his tenure as the director of the newly created UC Davis Center for Comparative Medicine, a unique joint venture between the Schools of Medicine and Veterinary Medicine.

"It's very fitting that Dr. Barthold has been selected to receive this inaugural Merial-AAVMC Excellence in Research Award," said Dr. Marguerite Pappaioanou, the AAVMC's executive director. "His scholarly achievements in veterinary and comparative medicine are extraordinary and he is highly respected as a visionary leader, inspiring mentor, and role model whose work has done much to advance biomedical research and demonstrate the important contributions veterinarian scientists make to advancing human and animal health."

Individuals are nominated for the Merial-AAVMC Excellence in Research Award by their individual institutions and a selection committee, appointed by the AAVMC board, chooses the international honoree.

Each year, Merial, the animal health division of sanofi, contributes support to the veterinary profession in the form of scholarships to students at veterinary colleges, research grants, philanthropy, and products as part of its commitment to the future of the veterinary profession and educational mission of veterinary colleges.

Joe Haynes Named Chair of ISU Veterinary Pathology Department

Dr. Joe Haynes, professor of veterinary pathology for Iowa State University's College of Veterinary Medicine, has been named chair of the Department of Veterinary Pathology. His five-year appointment as chair began May 16.

"We look forward to Dr. Haynes joining the college's administrative team," said Dr. Lisa K. Nolan, professor. Dr. Stephen G. Juelsgaard, Dean of Veterinary Medicine, said "I believe he will bring a wealth of experience to the position. His sound judgment and reasoned decision-making are widely appreciated, which is reflected by the strong support he has among his colleagues."

Dr. Haynes received his DVM from the University of Missouri (1979) and his PhD in veterinary pathology from the University of Minnesota (1986). He is board-certified by the American College of Veterinary Pathologists.

He came to Iowa State in 1986 as an assistant professor, rising through the academic ranks to professor in the college's veterinary pathology department. In 2000-2001, he served as interim chair of the veterinary pathology department. Early in his career, Dr. Haynes was a mixed animal practitioner in Missouri. Dr. Haynes is an accomplished teacher, winning awards for teaching excellence throughout his career. As a researcher, his scientific papers have been published in many publications.

Dr. Haynes serves as editor and reviewer for several prestigious journals such as the American Journal of Veterinary Research, Veterinary Pathology and Journal of Veterinary Diagnostic Investigation.

Obituaries

Dr. William Field

Dr. Field, a Diplomate of the American College of Veterinary Pathologists, died May 15, 2011. He specialized in veterinary pathology (Michigan State University), with an emphasis on neuropathology (Research Fellow, Montreal Neurologic Institute, Montreal Canada, 1960), and was a Diplomate of the American College of Veterinary Pathologists.

Dr. Field had many years of experience in industrial toxicology and pathology, particularly in the area of ethical drug development, food additives, and agricultural and industrial chemicals. He held numerous positions in pre-clinical drug development, including: Head, Pathology and Toxicology and Assistant Director, Biological Research at McNeil Laboratories in Ft. Washington, PA; Director, Department of Drug Safety Assessment, Wallace Laboratories in Cranbury, NJ; Associate Director of Pathology and Clinical

Chemistry, Schering Corporation, Lafayette, NJ; President, CDC Research Inc, Olyphant, PA; Director of Pathology, Life Sciences Division, Gulf South Research Institute, New Iberia, LA; Pathologist, Hazleton Laboratories, Madison, WI; and President, WE Field & Co.

As a veteran of World War II, he served as a high speed Morse code operator with the 72nd Signal Company and participated in the Algerian, French, Moroccan, Sicilian, Naples, Foggia, Rome, Arno, Southern France, Africa, Rhineland, and Central European campaigns. He received an American Defense Service Ribbon, and a European, African, and Middle Eastern Theater Ribbon, as well as one Silver and two Bronze Battle Stars, one Bronze Service Arrowhead, five Overseas Services Bars, one Service Stripe, and a Meritorious Unit Award for his military services.

Dr. Robert Squire



Dr. Squire, a Diplomate of the American College of Veterinary Pathologists, died May 27, 2011. He graduated from the University of Vermont in 1952 and received a DVM and PhD degree from Cornell University in 1956 and 1964, respectively. He became a Diplomate of the American College of Veterinary Pathologists in 1965. Dr. Squire had a long and distinguished career in the

field of comparative pathology with many contributions within the institution as well as in the wider national and international spheres. He was professor of comparative medicine at Johns Hopkins University School of Medicine from 1984 to present. He helped to set up the diagnostic programs of the Division; these programs were important in the maintenance of healthy and appropriate animals for research. His research interests had long centered on the field of animal oncology, and early efforts were directed toward the investigation and treatment of spontaneous leukemias and lymphomas of animals.

During the 1970s, Dr. Squire joined the National Cancer Institute in a full-time capacity. In the course of four years he rose within the system from the position of Head of the Tumor Pathology Section to Branch Chief and Director of Carcinogenesis Bioassay Program (now National Toxicology Program). In this role, he administered a large national program with a multimillion-dollar budget and oversaw several laboratories in this country

and Europe. At NIH, he established the criteria and protocols for the identification of chemical carcinogens using test animals. These criteria and protocols remain in effect at this time. He returned to Johns Hopkins where he had maintained a part-time appointment and resumed a full range of academic activities. He had teaching responsibilities in both the Division of Comparative Medicine and Department of Pathology. At that time, he was the instructor responsible for the course "Principles of Animal Pathology" offered jointly by Comparative Medicine and Pathology. He also played an important role in the informal teaching of postdoctoral residents, medical, and graduate students in elective courses offered in comparative pathology and laboratory animal medicine.

Dr. Squire was an international spokesman for the role of pathology in policy and risk assessment for environmental carcinogens. In 1983, he delivered the keynote address on carcinogenic Potency and Risk Assessment at the International Conference on Food Safety in Fougères, France. He also presented a keynote address on the subject of formaldehyde carcinogenicity and human risk at the 1984 meeting of the International Academy of Pathology in San Francisco.

In the broader sphere, he chaired two NAS committees: Committee on Laboratory Animal Disease (1968-1972) and the Committee of the Histologic Classification of Laboratory Animal Tumors (1976-1982). He was also a Director-at-Large of UAREP (Universities Affiliated for Research in Experimental Pathology).

ACVP & ASVCP Concurrent Annual Meeting • December 3-7, 2011 • Nashville, TN

REGISTRATION FORM

Please complete all items on this registration form - type or print legibly. The deadline for pre-registration is November 18, 2011. After that date, plan to register at the meeting site. Keep one copy of this completed form for your records. Save money by registering prior to November 3, 2011! All fees are quoted in U.S. funds.

Choose to register one of three ways:

1. If you wish to register via the Internet, please go to the ACVP website at www.acvp.org and follow the instructions for secure online registration. You will need a credit card to register through the Internet (available on the website in August).
2. Fax your completed registration form with credit card information to +1-608-443-2474 or +1-608-443-2478 (we accept MasterCard, Visa, and American Express). Faxed registration forms without a form of payment will not be processed. If you are registering via the Internet or fax, do not mail the original registration form.
3. Mail your completed registration form and payment (in U.S. funds only, drawn on a U.S. bank) to the ACVP Executive Office (2424 American Lane, Madison, WI 53704 USA).

If you have not yet renewed your membership with ACVP or ASVCP, feel free to do so using this registration form (see the Membership Renewal Section on the back side of this form).

Additional Instructions:

- a. Please complete one form per registrant.
- b. Registration by telephone will not be accepted.
- c. Payment must accompany each registration form. International registrants must submit payment in U.S. dollars, drawn on a U.S. bank.
- d. The registration deadline for inclusion in the Attendee Directory (distributed onsite) is November 3, 2011.

Registration Information (please print clearly)

First Name _____ MI _____

Last Name _____ Degree _____

Job Title _____

Place of Employment _____

This address is: Home Company/Affiliation

Mailing Address _____

City, State/Province _____

Zip/Postal Code _____

Country _____

Daytime Telephone Number _____

E-Mail Address _____

(Your registration confirmation will be sent to the e-mail address above - please print clearly!)

Badge Information

This is how your badge will read. Please print clearly (complete only those lines that are different from the "Registration Information").

Nickname _____
(only include if you want us to use your nickname on your badge)

First Name (include middle initial if applicable) _____

Last Name _____

Place of Employment _____

City, State/Province _____

Country _____

Miscellaneous Information

Type of Employment (check one)

- Academia Government (local, state, federal)
 Industry/Pharmaceutical Private Diagnostic Laboratory
 Private Practice Other _____

Check here if you do NOT wish to be listed in the Attendee Directory, distributed to attendees and exhibitors.

Please provide a contact name and phone number (of a close relative or friend) in case of emergency:

Name: _____

Daytime Telephone Number: _____

Please check if you need special assistance.

(An ACVP staff member will contact you for more details.)



Membership

I am a member of (check all that apply):

- ACVP ASVCP ECVP ESVCP JCVP STP
 I am registering as a non-member.

ACVP Membership Renewal

Renew your membership in ACVP for 2012 by checking your membership fee below:

- Regular Member \$250
 Emeritus with Journal \$ 55
 Resident/Fellow/Graduate Student \$100*

*Membership dues for residents, fellows, and graduate students must be accompanied by a letter of verification of their status from their department chair.

If you have specific questions, please contact the ACVP Office at +1-608-443-2466.

ASVCP Membership Renewal

Renew your membership in ASVCP for 2012 by checking your membership fee below:

- Regular Member (North America) \$100
 Regular Member (Outside of North America) \$110
 Student Member \$ 60

If you have specific questions, please contact the ASVCP Office at +1-608-443-2479.

Registration Fees

(please check applicable boxes -- all registration fees are quoted in U.S. dollars)

	On or Before November 3	After November 3
<input type="checkbox"/> Member <i>(Includes JCVP, ECVP, and ESVCP members, technicians and technologists.)</i>	\$300	\$350
<input type="checkbox"/> Non-Member	\$380	\$430
<input type="checkbox"/> Resident/Fellow/Graduate Student <i>(Registration for residents, fellows and graduate students must be accompanied by a letter of verification from their department chair.)</i>	\$100	\$100
<input type="checkbox"/> ACVP Member Emeritus/Honorary	\$130	\$130
<input type="checkbox"/> Professional Student <i>(Professional students must complete the registration form and provide a letter accompanying their registration form from their university attesting to their student status and signed by their department chair.)</i>	-0-	-0-
<input type="checkbox"/> One-Day Registration Please check the date of attendance: <input type="checkbox"/> Sunday <input type="checkbox"/> Monday <input type="checkbox"/> Tuesday <input type="checkbox"/> Wednesday	\$240	\$290
<input type="checkbox"/> Spouse/Guest (limit 1) Full Name of Spouse/Guest: _____	\$55	\$55

ACVP & ASVCP Annual Meeting • December 3-7, 2011 • Nashville, TN • Page 2

Pre-Meeting Workshop Registration (workshops are available at a separate fee)
Choose the workshop you are interested in attending and include the appropriate payment:

ASVCP Workshop

- Members/Non-Members \$275
- Resident/Trainees/Students \$100
2011 Guide to Toxicologic Clinical Pathology
Saturday, December 3, 2011, 8:00 a.m.-5:00 p.m.
- C.L. Davis Foundation Workshop** \$175
Navigating the Vast Pink Wasteland---Making Neuropathology Easy and Fun
Saturday, December 3, 2011, 8:00 a.m.-5:00 p.m.
- Primate Pathology Workshop** \$175
Spontaneous Lesions and Diseases in Wild, Captive-Bred, and Zoo-Housed Nonhuman Primates
Saturday, December 3, 2011, 8:00 a.m.-5:00 p.m.

Post-Meeting Workshop Registration (workshops are available at a separate fee)
Choose the workshop you are interested in attending and include the appropriate payment.

- Workshop I: Zebrafish**
Wednesday, December 7, 2011: 1:00 p.m.-5:00 p.m.
- Workshop II: Beyond H&E/Quantitative Pathology**
Wednesday, December 7, 2011: 1:00 p.m.-5:00 p.m.
- Workshop III: Histologic Interpretation of Bone Marrow Biopsies**
Wednesday, December 7, 2011: 1:00 p.m.-5:00 p.m.

Select the appropriate workshop above and include the payment.

- Member/Non-Member \$165
- Resident/Fellow/Graduate Student \$100
- Professional Student** \$50

**The number of student registrations available for the workshops is limited.

Very Important Pathologist (VIP) Program

The VIP Program is available to members with 25+ years of certification and Emeritus members. This year the program will include a visit to the Belle Meade Plantation and RCA Studio B. The fee is \$100 per person and includes lunch. If you are participating in the VIP Program, you must also register and pay the fee to attend the Annual Meeting. If you have questions, please contact Wendy Coe at wcoe@acvp.org or +1-608-443-2466, ext. 149.

Tuesday, December 6, 2011 – 9:30 a.m.-4:15 p.m.

- Yes, please register me for the VIP program (\$100 per person).
Number of people _____ X \$100 per person = _____
If including a guest, please enter their full name: _____

Presidential Reception

This year, the Presidential Reception will be held at the Renaissance Nashville Hotel on Tuesday, December 6, 2011, at 7:00 p.m. It will begin with a live auction at 7:00 p.m. and will include an evening of networking and hors d'oeuvres. Each attendee and registered spouse/guest is entitled to one ticket to the Presidential Reception if they register in advance. Tickets for unregistered guests or friends are \$55 each. Children under 10 years of age are free. Check the applicable boxes below.

- Yes, I would like one ticket to the Presidential Reception.
- I have a spouse/guest pre-registered at \$55 (see page 1 under Spouse/Guest registration) and would like one ticket for that person.
- Yes, I am interested in purchasing additional tickets:
Number of tickets _____ X \$55 = _____

Continuing Education Credits

Register for continuing education credits by checking the applicable box below:

- Yes, I would like to receive American Association of Veterinary State Boards (RACE) continuing education credits.
- Yes, I would like to receive PACE continuing education credits for Medical Technologists.

Registration Confirmation

If you do not receive a confirmation e-mail within three weeks of registering, please contact the ACVP Executive Office at +1-608-443-2466 or registrar@acvp.org to verify that your registration form has been received.

Cancellation Policy

Any Annual Meeting registration cancellations must be made in writing directly to the ACVP. If received before November 18, 2011, the ACVP will apply a \$50 administrative fee and refund the remainder of your registration fee following the meeting. After November 18, 2011, no refund will be given. Walk-ins and replacements are always welcome.

Fourth ACVP/STP Coalition Scientific Conference

Saturday, December 3, 2011 -- 8:00 a.m.-5:00 p.m.

Coalition participants (Fellows, academic, and industrial mentors, and representatives of sponsoring companies) as well as non-participants are invited to attend at no additional cost. Registration Required.

- Coalition Scientific Conference Registration \$0
- Breakfast (7:30 a.m.), Lunch (12:00 noon-1:00 p.m.), & Cocktail Reception (5:00 p.m.-6:00 p.m.) for non-Coalition participants: \$70

Contribute to the ACVP Funds

Your commitment is needed to build on the rich heritage of the College, enabling us to grow and prosper! Please indicate which fund you want to support and add the appropriate fee to your registration payment:

- ACVP Research and Education Endowment Fund
- General Scholarship Fund
ACVP will list individual donors that support Travel Awards and External Scholarships for a minimum contribution of \$100. Please list me as supporting:
 - Student Chapter Travel Award
 - Graduate Student/Resident Travel Award
 - Extern Scholarships
 - Greatest Need

Check one: \$25 \$50 \$100 Other: _____

Optional Events

Register for the tour of your choice and include the appropriate payment with this form. Please note the registration deadline for the various tours. All tours will take place on Monday afternoon, December 5 (concurrently). Please note that minimum numbers do apply. Check one choice below if you are interested in participating:

- Music City Swing Tour \$69 per person
1:30 p.m.-5:00 p.m. Number of people: _____
(30 person minimum - Register by November 3)
- Historic Franklin \$63 per person
1:30 p.m.-5:30 p.m. Number of people: _____
(30 person maximum -- Register by November 3)
- Nash Trash Tour \$45 per person
2:00 p.m.-4:00 p.m. Number of people: _____
(32 person maximum -- Register by November 3)
Only register for this tour if you are ready for politically incorrect language and lots of laughs. Visit their website at www.nashtrash.com for more information. (Not recommended for sensitive people.)

Total for Optional Events: \$ _____

Payment

Please total your fees from the different categories included on this registration form.

ACVP Membership Renewal	\$ _____
ASVCP Membership Renewal	\$ _____
Registration Fee Total	\$ _____
Spouse/Guest Fee	\$ _____
Pre-Meeting Workshop Total	\$ _____
Post-Meeting Workshop Total	\$ _____
VIP Program	\$ _____
Presidential Reception Ticket(s)	\$ _____
ACVP/STP Coalition Fee	\$ _____
Contribution to the ACVP	\$ _____
Optional Event Total	\$ _____
Grand Total	\$ _____

(Please include this amount with your registration form)

Check one and enclose payment. Registration forms not including the proper registration payment will be returned immediately. Please do not send cash.

- Check (made payable in U.S. funds, drawn on a U.S. bank to ACVP)
- Master Card/Visa/American Express
Card Number: _____
Expiration Date: _____
Card Holder Name (please print): _____
Card Holder Signature: _____

Please complete **both sides** of this registration form and mail it with your payment (no purchase orders please) to: **ACVP/ASVCP, 2424 American Lane, Madison, WI 53704 USA**; or fax it to: **+1-608-443-2474 or +1-608-443-2478**. For more information, contact ACVP by telephone (**+1-608-443-2466**), e-mail (**registrar@acvp.org**) or online (**www.acvp.org**).

Popular Items to Donate

All contributions are welcome - both products that interest your fellow colleagues professionally, as well as personally. Items should have a minimum value of \$50 USD.

Some popular items are:

- Vacation Getaways
- Books
- Electronics
- Themed Gift Baskets
- Autographed Sports Items
- Spa Treatments
- Jewelry
- Tickets to Social, Cultural or Athletic Events
- Hotel and Time-Share Stays
- Professional Equipment and Services
- Original Artwork
- Gift Certificates to National Restaurants or Stores
- Exclusive and unique items are always a favorite!

ACVP 2011 Silent Auction



ACVP is proud to present a Silent Auction at the 2011 Annual Meeting! Located in the Exhibit area, the Silent Auction will support externship scholarships for veterinary students exploring veterinary pathology as a career.

ACVP needs your donations to help make the Silent Auction a success! Donating to the Auction is a great way to support the veterinary pathology profession, and have fun at the Annual Meeting. Items from members and from companies are both welcome.

PLUS, both item donors and winning bidders will have their names entered into a drawing for a free registration to the 2012 Annual Meeting in Seattle, Washington!

Recognition

For your donation, you will receive:

- ★ Acknowledgement on the auction bid sheets
- ★ Listing of your donation and name on the ACVP website
- ★ Listing in the Silent Auction Catalog, distributed to every attendee (if confirmed by print date)

To Make a Donation

Please complete the Silent Donation form and fax or mail it to the ACVP Executive Office.

Getting Your Item to the Auction

Please send your items to the ACVP Executive Office as soon as possible (or no later than November 18), along with a copy of the donation form on the back side of this flyer. We will photograph your item and display it on the ACVP website's Silent Auction Preview (November 1). We will ship all items to the Annual Meeting.

For more information regarding the ACVP Annual Meeting or the Silent Auction, please call Drew Nelesen at +1-608-443-2466, ext. 145, or contact her by email at dnelesen@reesgroupinc.com.

ACVP Silent Auction Donation Form 2011

**To donate an item for the Silent Auction, please
return this form to ACVP no later than November 1, 2011**

Fax: +1-608-443-2474 or +1-608-443-2478 ★ Email: dnelesen@reesgroupinc.com

Postal Mail: ACVP, 2424 American Lane, Madison, WI 53704-3102 USA

Please provide information as you would like it to appear in all publications:

Name of the Item: _____

Estimated Value (\$USD): _____

Donor Name (your name or company): _____

Description of Item: _____

Contact Information (for internal use only):

Name: _____

Address: _____

City: _____

State/Province: _____ Zip/Postal Code: _____

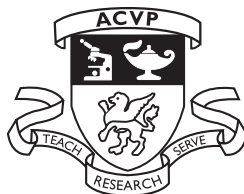
Country: _____

Phone: _____

Email: _____

*Please send your item(s) to the ACVP Executive Office by November 18 and include a copy of this form with the auction item.

For more information regarding the ACVP Annual Meeting or the Silent Auction, please call Drew Nelesen at +1-608-443-2466, ext. 145, or contact her by email at dnelesen@reesgroupinc.com. Thank you for your generosity!





**The American College
of Veterinary Pathologists™**

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Madison, WI 53704-3102 USA

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Fax: +1-608-443-2474
E-Mail: info@acvp.org
ACVP Website: <http://www.acvp.org>

Upcoming Events

7th World Congress of Veterinary Dermatology

July 24-8, 2012
Vancouver, Canada
www.vetdermvancouver.com

BSVP EDUCATIONAL MODULE TEN

Pathology of the Urinary System including the 5th Annual General Meeting of the BSVP to be held on Thursday 22nd and Friday 23rd of September 2011 at the Holiday Inn Bristol Airport. The course will be RCPATH accredited (10 CPD points). For further information, please go to <http://www.bsvp.org/>.

Veterinary Cancer Society (VCS) Annual Conference

November 4-7, 2011
Albuquerque, NM
<http://www.vetcancersociety.org>
573-823-8497 or
vetcancersociety@yahoo.com

BSVP Monthly Pathology Seminar Series 2011

Thursday 6th October 2011
Spontaneous pathology in purpose-bred laboratory Macaques and Marmosets
Alys Bradley

Thursday 3rd November 2011
Tumours of the skin and adnexa
Chris Palgrave

Thursday 1st December 2011
Spontaneous pathology in New Zealand white rabbits
Begonya Garcia

Concurrent Annual Meetings of The ACVP and The ASVCP

December 3-7, 2011
Nashville, Tennessee, USA



***The Promise of Nashville** — where the music is inspired, created, recorded and performed — is to provide the ultimate musical entertainment experience, celebrated throughout our diverse cultural and entertainment offerings, and presented in an authentic, unique, friendly and unpretentious atmosphere.*