

# ACVP NEWSLETTER

An Official Publication of The American College of Veterinary Pathologists

September 2007

## The Secretary/Treasurer's Corner

Derek Mosier, DVM, PhD

In 1733, General James Oglethorpe and 120 other hardy souls landed on a bluff overlooking the Savannah River to found the 13th American colony "Georgia," named after England's King George, II. Savannah became the first city and capital of the new colony, with the goals to offer a new start for England's working poor and to strengthen the English colonies by increasing trade.



General James Oglethorpe

Oglethorpe laid Savannah out in a series of grids that allowed for wide streets intertwined with public squares and parks that served as town meeting places and centers of business. His plan gave Savannah the distinction of being America's first planned city. Each family in the city was given a town lot around one of the four original squares, a garden plot and a fifty-acre farm plot. In return, Oglethorpe had four main rules for residents of the new community: no slaves, no Roman Catholics, no strong drink (beer was exempted), and no lawyers. His city plan survives today, with 22 of the 24 original squares still in existence. However, his rules only lasted a few years, and the city soon had an early population of colonists, slaves, voodooists, sailors, traders and pirates with unique social and religious beliefs. Nearly 275 years later, the ACVP arrives for its Annual Meeting!

Savannah is a unique meeting destination. The city embodies traditional Southern hospitality and charm, but also prides itself on its sometimes volatile past. Following the American Revolution, Savannah thrived

*continued on page 2*

*Savannah embodies traditional Southern hospitality and charm, but also prides itself on its sometimes volatile past.*

## 2007 Annual Meeting

Reserve the dates of November 10-14, 2007 to attend the ACVP Annual Meeting in Savannah! The meeting, at the Savannah International Trade & Convention Center, begins with three optional workshops on Saturday, an opening reception for all on Saturday evening, and educational sessions starting at 8:00 a.m. on Sunday morning.

Visit our website for one-stop shopping:  
<http://www.acvp.org/meeting>

1. Register online or download a 2007 registration form.
2. Review information about hotel accommodations.
3. Review the preliminary program (summary included on pages 5-7 of this issue).

The early-bird deadline for discounted registration fees is October 10, 2007. Be sure to register for the conference before that date to take advantage of the savings!

If you have any questions about registration, please contact the ACVP Executive Office ([registrar@acvp.org](mailto:registrar@acvp.org)). See you in Savannah!

### New this year at the Annual Meeting!

- **Aperio will scan five of your personal slides into whole slide images—for free!**

Bring up to five glass slides to the Scanscope™ Slide Scanning Station located in the registration area 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 along with Aperio Imagescope™ viewing software.

- **ACVP Live Auction**—Select items will be auctioned off during the Presidential Reception on Tuesday, November 13. Bid against your colleagues for stays in exotic places, a sailboat excursion, unique wildlife photos and more. Don't miss the fun!

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The Secretary/Treasurer's Corner (continued from page 1)

*Savannah is considered one of America's most haunted cities.*

with an economy based on cultivation of cotton and rice. The port of Savannah also became a major point of entry for the Trans-Atlantic slave trade. As cotton plantations and slavery profits grew, residents built lavish homes and churches throughout the city that reflected the wealth of the times. Savannah's economy crumbled during the Civil War following blockade of the port by Union soldiers in 1862. The city itself did not fall until 1864 when General Sherman



entered Savannah to end his "march to the sea" and sent his legendary telegram, giving the city to President Lincoln as a Christmas present. Reconstruction brought Savannah turmoil, opportunistic carpetbaggers, numerous displaced freed slaves and the beginning of the Ku Klux Klan. During reconstruction Savannah became one of the most historically significant African-American cities in the nation. Eventually, cotton again became king and Savannah regained its stature. However, the arrival of the boll weevil and the Great Depression rapidly reversed this trend and the city fell into a decline. In the 1930s and 1940s many historic buildings were demolished to create parking lots, squares were bisected by streets to speed traffic flow, and many of the city's most notable structures fell into disrepair. The trend continued until the 1950s, when local citizens created the Historic Savannah Foundation to preserve the downtown. Savannah is now regarded as a model for historic preservation, and is home to one of the largest National Landmark Historic Districts in the United States. This 2.5-mile district features more than 2,300 architecturally and historically significant buildings including numerous shops, boutiques and world-class restaurants beneath a canopy of live oak trees and Spanish moss.



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A few facts about Savannah include:

- ☞ Many of Savannah's points of interest are best seen on foot; no need to rent a car.
- ☞ Savannah has been the setting for many movies, including "Midnight in the Garden of Good and Evil," "Glory," "Gator," "Cape Fear," "The Gingerbread Man," "Now and Then," "Forrest Gump," "The Legend of Bagger Vance," and "Forces of Nature."
- ☞ Savannah is considered one of America's most haunted cities. Some participants in mishaps and treachery that fill Savannah's nearly three centuries of history seem reluctant to leave the homes and guest houses that they once occupied.
- ☞ Shops, restaurants, and galleries along the restored riverfront were once cotton warehouses, many of which still contain original 18th century timbers. Above the riverfront, the buildings along Factors Walk once housed the cotton brokers, when the Savannah Cotton Exchange essentially set world cotton prices.
- ☞ A short (free) water taxi ride provides easy access to the Historic District, our meeting site on Hutchinson Island (The Savannah International Trade & Convention Center), and the convention hotels.
- ☞ The Savannah River is tidal at Savannah. The direction of flow of the river reverses as high tide reverts to ebb tide.
- ☞ In 2007, The Port of Savannah became the fourth-busiest and fastest-growing container terminal in the United States. The Port of Savannah is the first major container terminal for ships using the Panama Canal for Eastern Seaboard access from Asia. To watch these massive ships move along the Savannah River is a humbling experience.

The combination of an excellent program (see pages 5-7 in this newsletter) and an interesting location make this year's Annual Meeting one you won't want to miss. ■

**ACVP Executive Offices:**

2810 Crossroads Drive, Ste. 3800  
Madison, WI 53718-7961 USA  
Phone: +1-608-443-2466  
Fax: +1-608-443-2474  
E-Mail: [info@acvp.org](mailto:info@acvp.org)  
ACVP Website: <http://www.acvp.org>

**ACVP Newsletter Editor:**

Tom Forest, DVM, PhD, DACVP  
Merck & Co., Inc.  
WP45-223  
770 Summeytown Pike, PO Box 4  
West Point, PA 19486-0004  
Phone: +1-215-652-1575  
Fax: +1-215-993-2600  
Email: [thomas\\_forest@merck.com](mailto:thomas_forest@merck.com)

## Council Increases Awareness and Interactions with Federal Legislative Issues

Michael J. Topper, DVM, PhD, Councilor

At the 2006 Annual Meeting in Tucson, Council met with then AVMA president-elect Dr. Greg Hammer. In addition to addressing other AVMA activities, Dr. Hammer stressed the involvement of the AVMA in the federal legislative process that impacted veterinary medicine. Topping his agenda as the AVMA president is addressing the critical shortage of veterinarians working in public health practice, including areas that ensure food safety, fight bioterrorism and oversee environmental health and regulatory medicine. Dr. Hammer said veterinarians can help reverse the veterinarian shortage by getting involved in the legislative process and by encouraging the next generation to pursue careers in the veterinary profession. He urged Council and the entire ACVP to support and lobby for passage of the Veterinary Public Health Workforce Expansion Act, which if approved by Congress and signed into law would provide competitive grants to United States veterinary colleges to improve teaching facilities, build classrooms and research laboratories, and resolve the shortage of veterinarians entering the field of public health.

Taking this call to action under consideration, Council arranged to meet with the AVMA's Governmental Relations Division (GRD) in Washington, DC on June 5, 2007 after its Spring Meeting in Savannah, GA. The mission of the GRD is to advocate the AVMA's policies and positions on federal legislative and regulatory issues that influence animal and human health and advance the veterinary medical profession. More information on this can be found at the advocacy portion of the AVMA's website: <http://www.avma.org/advocacy/federal/legislative/default.asp>. Here, you can find out about the legislative issues the AVMA is currently working on, tools for tracking bills and contacting Congress, and other resources to keep you on top of federal activities that impact the veterinary profession.

Council members, **Drs. Thrall, Cullen, Stromberg, Mosier, Howerth,** and **Topper,** along with ACVP Executive Director **Wendy Coe,** and ACVP

Government Policy Committee member, **Dr. Mark Bryant,** met with Dr. Mark Lutschaunig, GRD Division Director, and his staff, Drs. Robert Nichols, Doug Meckes, and Angela Demaree, and Association of American Veterinary Medical Colleges (AAVMC) Associate Executive Director, Dr. Mike Chaddock. Briefings were given on the work of the GRD, and the joint effort of the AVMA and the AAVMC to encourage passage of S. 746/H.R. 1232: The Veterinary Public Health Workforce Expansion Act (VPHWEA). The VPHWEA establishes a competitive grant program to build capacity in veterinary medical education and expands the workforce of veterinarians engaged in public health practice and biomedical research. After these briefings and discussions, the ACVP group traveled to the Senate office buildings to meet with the legislative staffs of Senators Burr (R-NC), Chambliss (R-GA), Allard (R-CO), and Roberts (R-KS). The purposes of these meetings were to discuss and provide input for the support of the VPHWEA, and to provide information regarding the ACVP and establish contacts with them so that they would look to the ACVP as a source of information for future issues.

Council will continue to monitor federal legislation important to the ACVP through the ACVP Government Policy Committee. A committee member will attend the spring and fall meetings of the AVMA's Legislative Advisory Committee that are held at the GRD in Washington, DC, to serve as a conduit for the exchange of information between the ACVP and AVMA regarding legislative matters. Council will also continue to maintain its close relationship with the AVMA and provide the support of the ACVP in those matters that benefit the College and the veterinary profession.

Council also encourages the membership individually to be active players in this process. Members of Congress will be more responsive to you, their constituents, than to an organization. Information on how you can contact your congressional delegates regarding issues can be obtained at the AVMA's Government Action Center at <http://www.capwiz.com/avma/home/>.

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*Dr. Hammer urged Council and the entire ACVP to support and lobby for passage of the Veterinary Public Health Workforce Expansion Act (VPHWEA)...*

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### ACVP Annual Meeting Hotel Venues

The ACVP Annual Meeting has enjoyed unprecedented success since 2005 when meeting attendance topped 1,000 people. Because meeting sites are secured three to four years in advance and previous registration was about 700, sites were selected for 800 attendee capacities. ACVP is aware that having 1,000 registrants is a trend and is now researching larger venues for our future meetings.

In addition to the headquarters hotel, the Westin Savannah Harbor Resort, additional rooms have been secured at the Inn on Ellis Square in downtown Savannah for the 2007 Annual Meeting. For reservation information, please call them at 1-912-236-4440, and reference the ACVP meeting in order to obtain the discounted rate; or visit the ACVP website at [www.acvp.org](http://www.acvp.org) for more details.

*Thank you for your understanding and patience during this time of growth.*

## Member Honored

### Dr. David Swayne Named Director of the Year

**David E. Swayne**, a diplomate of the ACVP and director of the USDA Agricultural Research Service Southeast Poultry Research Laboratory, recently received recognition as a director of the year by the Federal Laboratory Consortium for Technology Transfer.

## Your Will is a Way to Support ACVP Using a Residuary Bequest

As you prepare your will and make bequests of amounts to family, friends, and other causes, you may wish to consider naming ACVP to receive any residue of your estate. If you choose this form of bequest, the suggested wording for your attorney to include in your will would be the following:

*All the rest, residue and remainder of my estate wherever situated, I give and devise to the American College of Veterinary Pathologists, a non-profit organization.*

## Veterinary Pathology Online

View past and present issues of *Veterinary Pathology*, and find submission information at:

<http://www.vetpathology.org/>

## Request for Tissue Processor and Microtome for Veterinary Pathologists in Afghanistan

In order to assist USAID in the evaluation of the pathology needs for Afghanistan, I have just returned from a visit with the pathologists on the Faculty of Veterinary Science, Kabul University, as well as the pathologists at the Central Veterinary Diagnostic Laboratory in Kabul.

During years of civil war, the veterinary school and diagnostic laboratory had been looted resulting in the loss of equipment necessary to run a proper pathology laboratory. Currently, the necropsy facility at the veterinary school has been renovated with equipment for performing gross necropsies, basic bacteriology and clinical pathology, so that students can be taught basic pathology. The diagnostic laboratory is to be renovated this fall and will have capabilities for gross pathology and basic bacteriology.

On my visit, I was able to obtain a microscope for the veterinary school and we were also able to set up rudimentary histopathology capabilities by hand processing tissues and cutting sections with a hand-held microtome. Unfortunately, the hand-held microtome works poorly and there is great need in Afghanistan for the ability to quickly and efficiently render histopathology diagnoses of livestock diseases. Consequently, I am looking for the donation of a tissue processor in good working condition, and a microtome.

Sincerely,  
Robert B. Moeller, Jr., DVM, DACVP  
California Animal Health and Food Safety Laboratory,  
Tulare  
[rbmoeller@ucdavis.edu](mailto:rbmoeller@ucdavis.edu)

New  
three-day format!

## The 2007 Certification Examination is scheduled for September 25-27, 2007, in Ames, Iowa.

All certifying examinations in the immediate future will be held at the Scheman Building, Iowa State Center, Iowa State University, Ames, IA.

**2008:** September 23, 24, 25 • **2009:** September 22, 23, 24 • **2010:** September 28, 29, 30

**Please note: Beginning in 2007, the ACVP Certification Examination has changed to a three-day format.**

## ACVP/ASVCP 2007 Annual Meeting Program Outline

November 10-14, 2007 • Savannah International Trade &amp; Convention Center • Savannah, Georgia

Friday, November 9, 2007

5:00 p.m.-10:00 p.m.  
*Education Committee Meeting*

Saturday November 10, 2007

8:00 a.m.-5:00 p.m.  
*ASVCP Pre-Meeting Workshop*  
(available for an additional fee)  
*Clinical Pathology of Laboratory Rodents*8:00 a.m.-11:00 a.m.  
*Hematology and Bone Marrow Evaluation*11:00 a.m.-12:00 noon  
*Case Discussion Session*1:00 p.m.-1:50 p.m.  
*Rodent Coagulation: Pitfalls, Problems and New Approaches*1:50 p.m.-2:50 p.m.  
*Rodent Cardiac Biomarkers: Review of Isoenzymes, Troponin and Natriuretic Peptides*3:10 p.m.-4:00 p.m.  
*Evaluating Renal Toxicity in Laboratory Rodents*4:00 p.m.-5:00 p.m.  
*Case Discussion Session*8:00 a.m.-5:00 p.m.  
*C.L. Davis Pre-Meeting Workshop*  
(available for an additional fee)  
*Pathology of the Liver: What's New and What's Still True*8:00 a.m.-5:00 p.m.  
*ITPIG Pre-Meeting Workshop: Host Resistance and Tumor Surveillance*  
(available for an additional fee)8:00 a.m.-8:10 a.m.  
*Introduction and Overview of the Program*8:10 a.m.-9:05 a.m.  
*Coley's Toxins, Tumor Necrosis Factor and Cancer Research: An Historical Perspective*  
Sponsored by AstraZeneca Pharmaceuticals9:05 a.m.-10:00 a.m.  
*Revisiting Immunosurveillance and Immunostimulation: Implications for Cancer Immunotherapy*10:20 a.m.-11:15 a.m.  
*Friendly and Dangerous Signals: Is the Tissue in Control?*  
Sponsored by Schering-Plough Research Institute11:15 a.m.-12:10 p.m.  
*T Cell Activation/Depletion and Cytokine Storms: Lessons from TGN1412 for Anti-Lymphocyte Therapies*1:30 p.m.-2:15 p.m.  
*Tumor Antigens for Cancer Immunotherapy: Therapeutic Potential of DNA Vaccines*2:15 p.m.-3:00 p.m.  
*Clearing the Development Hurdles Along the Path to a Melanoma Vaccine*3:20 p.m.-4:10 p.m.  
*Case Studies of Immunomodulatory Biologics and Opportunistic Infections*4:10 p.m.-4:50 p.m.  
*Additional Case Study Examples: Roundtable and Audience Discussion*4:50 p.m.-5:00 p.m.  
*Conclusion*6:00 p.m.-8:00 p.m.  
*ASVCP Teaching Clinical Pathology Didactic Teaching of Veterinary Clinical Pathology: Will They Remember Any of This in Year IV?*6:00 p.m.-9:00 p.m.  
*Exam Committee Meeting*7:00 p.m.-8:30 p.m.  
*Opening Reception in the Exhibit Area*  
(cash bar and hors d'oeuvres)

Sunday, November 11, 2007

8:00 a.m.-5:00 p.m.  
*Student and Guest Hospitality Area Open*  
Sponsored by Merck Research Laboratories8:00 a.m.-12:00 noon  
*ASVCP Education Symposium: Molecular Diagnosis of Infectious Disease*8:00 a.m.-8:05 a.m.  
*Introduction*8:05 a.m.-8:55 a.m.  
*Molecular Diagnostics and Infectious Diseases: the Good, the Bad and the Ugly*8:55 a.m.-9:45 a.m.  
*Clinical Utility of Molecular Diagnostic Assays in Cats*10:15 a.m.-11:05 a.m.  
*Quality Control in Molecular Diagnostic Testing*11:05 a.m.-12:00 noon  
*Molecular Diagnostics: Current and Future Trends*8:00 a.m.-12:00 noon  
*Natural Disease Specialty Group Session I*Invited Presentations  
9:00 a.m.-9:45 a.m.  
*Classical Swine Fever in Europe: A Never-Ending Story*11:15 a.m.-12:00 noon  
*Why Do They Bleed: New Understanding on the Pathogenesis of Ebola Hemorrhagic Fever in Non-Human Primates*

Sponsored by Huntingdon Life Sciences

8:00 a.m.-12:00 noon  
*Mini-Symposium: Cardiac Pathology in the 21st Century*8:00 a.m.-8:10 a.m.  
*Introduction*8:10 a.m.-9:00 a.m.  
*Metabolic Dysregulation and the Failing Heart: Virchow's Fatty Atrophy Revisited*9:00 a.m.-9:50 a.m.  
*Morphofunctional Correlates of Clinical Cardiac Disease*10:20 a.m.-11:10 a.m.  
*Clinical Biomarkers of Cardiac Injury and Disease*11:10 a.m.-12:00 noon  
*Spontaneous Animal Models of Cardiac Disease*

Sponsored by GlaxoSmithKline

8:00 a.m.-12:00 noon  
*Career Development Dancing with Journals: The Art of Scientific Publishing*8:00 a.m.-8:20 a.m.  
*Hit the Right Fan: Selecting a Journal for Your Science Fiction*8:20 a.m.-9:15 a.m.  
*What Ms. Thistlebottom Didn't Tell Us: Some Valuable Basics and Helpful Details for Writing Journal Manuscripts*9:15 a.m.-9:45 a.m.  
*Veterinary Pathology Author Survival Guide*10:15 a.m.-10:50 a.m.  
*Editing and the Mother Tongue, Broken English*10:50 a.m.-11:25 a.m.  
*Making Rejection a GOOD Thing*11:25 a.m.-12:00 noon  
*Size Matters: Preparing Your Digital Images for Publication*

continued on pages 6 and 7

8:00 a.m.-5:00 p.m.  
**Career Center Open**  
*Sponsored by Covance Laboratories*

9:30 a.m.-4:30 p.m.  
**Exhibits Open**  
**Silent Auction**  
**Specialty Group and Student Poster Presentations**

12:15 p.m.-1:15 p.m.  
**Emerging Disease Focus Seminar**  
**Recent Pet Food Contamination: Epidemiology and Pathogenesis**

1:00 p.m.-4:30 p.m.  
**ASVCP Veterinary Laboratory Professionals Session I**

1:30 p.m.-5:00 p.m.  
**ASVCP Clinical Pathology Scientific Session I**

**Invited Presentation**  
*The Influence of Canine Obesity on Endocrine and Clinical Pathology Parameters*

1:30 p.m.-5:00 p.m.  
**Experimental Disease Specialty Group Session I**

**Invited Presentations**  
2:15 p.m.-3:30 p.m.  
*Canine TVT: Evolution of Somatic Tumour Cell as Transmissible Parasites*

4:15 p.m.-5:00 p.m.  
*Tasmanian Devil Tumor: Characteristics and Molecular Characterization*

*Sponsored by Genentech, Inc.*

1:30 p.m.-5:00 p.m.  
**Natural Disease Specialty Group Session II**

**Invited Presentations**  
1:30 p.m.-2:15 p.m.  
*Adrenocortical Tumorigenesis*

3:30 p.m.-4:15 p.m.  
*Progression of Canine Cancer: Who is the Culprit?*

*Sponsored by Huntingdon Life Sciences*

1:30 p.m.-5:00 p.m.  
**Toxicologic Pathology Specialty Group Session I**

**Invited Presentations**  
2:00 p.m.-3:00 p.m.  
*Phenotyping Strategies for Genetically Induced Obesity Models*

3:30 p.m.-4:30 p.m.  
*Safety Concerns of Anti-Obesity Drugs and Current Therapeutic Targets*

*Sponsored by Amgen, Inc.*

4:30 p.m.-6:00 p.m.  
**ASVCP Business Meeting**

5:00 p.m.-6:00 p.m.  
**ACVP Gross and Microscopic Examination Slide Review**

6:00 p.m.-7:30 p.m.  
**ACVP Town Meeting**

7:30 p.m.-10:00 p.m.  
**Neuropathology Mystery Slide Review and Case Presentations**  
*Sponsored by Charles River Laboratories Pathology Associates and Schering-Plough Biopharma*

8:00 p.m.-10:00 p.m.  
**ACVP Resident Training Committee Meeting**

Monday, November 12, 2007

8:00 a.m.-5:00 p.m.  
**Student and Guest Hospitality Area Open**  
*Sponsored by Merck Research Laboratories*

8:00 a.m.-12:00 noon  
**ASVCP Veterinary Laboratory Professionals Session II**

8:00 a.m.-12:00 noon  
**Plenary Session: Pathology of Obesity**

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

8:10 a.m.-9:00 a.m.  
*Overview of the Pathophysiology of Obesity*

9:00 a.m.-9:50 a.m.  
*Inflammation and Obesity*

10:20 a.m.-11:10 a.m.  
*The Effect of Obesity on Breast Cancer Development*

11:10 a.m.-12:00 noon  
*Obesity, Adipokines and Blood Pressure*

*Sponsored by Charles River Laboratories Preclinical Services and SNBL USA, Ltd. ACVP thanks Aperio Technologies for supporting the webcast.*

8:00 a.m.-3:00 p.m.  
**Career Center**  
*Sponsored by Covance Laboratories*

9:30 a.m.-1:00 p.m.  
**Exhibits Open**  
**Silent Auction**  
**Specialty Group and Student Poster Presentations**

12:15 p.m.-1:15 p.m.  
**ACVP Clinical Pathology Examination Slide Review**

1:30 p.m.  
**Optional Tours**  
*(pre-registration required)*

1:30 p.m.  
**Free Afternoon to Explore Savannah!**

5:15 p.m.-6:45 p.m.  
**ASVCP Reception**  
*(open to members only)*

7:00 p.m.-9:00 p.m.  
**Mystery Slide Seminar and Case Presentations: Gastrointestinal System Pathology**

7:00 p.m.-9:00 p.m.  
**ASVCP Clinical Chemistry Case Discussion Session**

Tuesday, November 13, 2007

8:00 a.m.-5:00 p.m.  
**Student and Guest Hospitality Area Open**  
*Sponsored by Merck Research Laboratories*

8:00 a.m.-12:00 noon  
**ASVCP Veterinary Laboratory Professionals Session III**

8:00 a.m.-12:00 noon  
**ASVCP Clinical Pathology Scientific Session II**

**Invited Presentation**  
*The Investigative Evolution of the Melamine-cyanuric Acid Pet Food Recall*

8:00 a.m.-12:00 noon  
**Concurrent Session I: Heat Shock Proteins in Immunity and Disease**

8:00 a.m.-8:10 a.m.  
*Introduction: Heat Shock Proteins: More than Just Chaperones*

8:10 a.m.-9:00 a.m.  
*Heat Shock Proteins Determine the Outcome of Viral Infections*

9:00 a.m.-9:50 a.m.  
*Heat Shock Proteins are Targets of Regulatory T Cells that are Disease Suppressive in Chronic Inflammatory Diseases*

10:20 a.m.-11:10 a.m.  
*Gp96 Interactions with the Immune System: A Mechanism of Anti-Tumor Immunity?*

11:10 a.m.-12:00 noon  
*Heat Shock Protein 90 Suppression as an Anti-Cancer Strategy: Pros and Cons*

8:00 a.m.-12:00 noon  
**Concurrent Session II: Current Concepts in Gastrointestinal Diseases of Animals**

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

8:10 a.m.-9:00 a.m.  
*Comparative Aspects of Bacterial Gastritis*

9:00 a.m.-9:50 a.m.  
*Pathogenesis of Bacterial Enteritis*

10:20 a.m.-11:10 a.m.  
*Portal of Entry and Haven of Refuge:  
Mucosal Responses to Infection in the  
Small Intestine*

11:10 a.m.-12:00 noon  
*Polymicrobial Associations in Animal  
Models of Colitis; Understanding Host-  
pathogen Interactions in the Context of  
Gut Ecology*

8:00 a.m.-5:00 p.m.  
*Career Center*  
*Sponsored by Covance Laboratories*

9:30 a.m.-3:30 p.m.  
*Exhibits Open*  
*Silent Auction*  
*Specialty Group and Student Poster  
Presentations*

12:00 noon-1:30 p.m.  
*Focused Poster Session*

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

1:30 p.m.-5:00 p.m.  
*Diagnostic Pathology Specialty Group  
Session*  
*Sponsored by Antech Diagnostics*

1:30 p.m.-5:00 p.m.  
*Education Specialty Group Session*

Invited Presentation  
1:30 p.m.-2:30 p.m.  
*Evaluation of Resident Competency in  
Clinical Pathology*

1:30 p.m.-5:00 p.m.  
*Experimental Disease Specialty Group  
Session II*

Invited Presentations  
1:30 p.m.-2:30 p.m.  
*Into the Melting Pot: The Melding of  
Pathology Pharmacology, and Medical  
Implant Devices for Occlusive Arterial  
Disease*

4:00 p.m.-5:00 p.m.  
*Atherosclerosis: The Heart of the Matter*

*Sponsored by Amgen, Inc.*

1:30 p.m.-5:00 p.m.  
*Toxicologic Pathology Specialty Group  
Session II*

Invited Presentations  
2:00 p.m.-3:00 p.m.  
*The Metabolic Sequelae of Obesity*

3:30 p.m.-4:30 p.m.  
*Modification of Lipid Metabolic  
Responses in Small Animals*

*Sponsored by Amgen, Inc.*

1:30 p.m.-3:30 p.m.  
*ACVP Congress*

5:15 p.m.-6:30 p.m.  
*ACVP Business Meeting*

7:00 p.m.-9:00 p.m.  
*ACVP Presidential Reception*  
*Sponsored by Pfizer*  
*Live Auction*

Wednesday, November 14, 2007

8:00 a.m.-11:00 a.m.  
*Student and Guest Hospitality Area Open*  
*Sponsored by Merck Research Laboratories*

8:00 a.m.-12:00 noon  
*Young Investigator Award (Recipients)  
Poster Presentations*  
*Diagnostic Pathology Young Investigator  
Award sponsored by Antech Diagnostics*

8:00 a.m.-12:00 noon  
*Concurrent Session III: Inflammation and  
Cancer*

8:00 a.m.-8:50 a.m.  
*The Role of Inflammation in Lung  
Neoplasia*

8:50 a.m.-9:40 a.m.  
*Colitis, Stem Cells, and Colon Cancer*

10:10 a.m.-11:10 a.m.  
*Bone Marrow Derived Stem Cells in  
Helicobacter Infection*

11:10 a.m.-12:00 noon  
*Rodent Models of Gastric Cancer Due to  
Helicobacter Pylori: A Pathologists View*

*Sponsored by Genentech, Inc.*

8:00 a.m.-12:00 noon  
*Concurrent Session IV: Neurodegenerative  
Disorders in Animals*

8:00 a.m.-8:45 a.m.  
*Ischemia/Stroke Impairs Endoplasmic  
Reticulum Function*

8:45 a.m.-9:30 a.m.  
*Neuronal Injury and Dysfunction in the  
SIV-macaque Model*

10:00 a.m.-10:45 a.m.  
*Oxidative Damage in Neurodegenerative  
Disease*

10:45 a.m.-11:30 a.m.  
*Animal Models of Retinal Disease*

11:30 a.m.-12:00 noon  
*Questions and Discussion*

8:00 a.m.-12:00 noon  
*Mini-Symposium: Tissue Banking –  
Best Practices*

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

8:10 a.m.-9:00 a.m.  
*Best Practices in Establishing an Animal  
Tissue Resource (Tissue Bank) with  
Emphasis on Quality Control*

9:00 a.m.-9:45 a.m.  
*Development of a National Canine Cancer  
Biospecimen Repository*

10:15 a.m.-11:00 a.m.  
*From the Lobby to the Freezer:  
Integrating Tissue Archiving into Clinical  
Practice*

11:00 a.m.-11:45 a.m.  
*Human Tissue for Biomarker  
Pharmaceutical Research:  
The Experience of the Indiana University  
Medical Center – Lilly Research Labs  
Tissue/Fluid Biobank*

11:45 a.m.-12:00 noon  
*Questions and Discussion*

1:00 p.m.-5:00 p.m.  
*Post-Meeting Workshop I*  
*(available for an additional fee)*  
*Role of In Vivo Imaging in Veterinary  
Pathology*

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

1:10 p.m.-1:55 p.m.  
*Magnetic Resonance, Imaging and Micro  
CT*

1:55 p.m.-2:40 p.m.  
*Translational Molecular Imaging:  
Focus on Radiopharmaceuticals*

3:00 p.m.-3:40 p.m.  
*Optical Imaging*

3:40 p.m.-4:20 p.m.  
*Ultrasound Imaging*

4:20 p.m.-5:00 p.m.  
*Imaging and Profiling Tissues:  
Applications in Pathology*

1:00 p.m.-4:30 p.m.  
*Post-Meeting Workshop II*  
*(available for an additional fee)*  
*An Interactive Approach to  
Dermatopathology*

1:00 p.m.-2:30 p.m.  
*The Hair Follicle*

3:00 p.m.-4:30 p.m.  
*Case Discussions*

Thursday, November 15, 2007

8:30 a.m.-12:00 noon  
*Post-Meeting Workshop II*  
*(continued)*  
*An Interactive Approach to  
Dermatopathology*

8:30 a.m.-10:00 a.m.  
*The Epidermis*

10:30 a.m.-12:00 noon  
*Case Discussions*

## Obituaries

**Dr. Glenn Waxler** died March 3, 2007. Dr. Waxler was professor emeritus at Michigan State University College of Veterinary Medicine since 1990. He joined the veterinary faculty of MSU in 1961, becoming a professor in 1966. A diplomate of the American College of Veterinary Pathologists, Dr. Waxler was known for his work on germ-free swine and his research on neonatal enteric diseases in swine. He was a leader in the North Central Technical Committee for the Prevention and Control of Enteric Diseases of Swine. In 1987, Dr. Waxler received an Honorary Alumnus Award from the MSU College of Veterinary Medicine. Dr. Waxler is survived by his wife and two daughters.

**Robert W. Wissler, MD, PhD, 89**, Chicago, died November 28, 2006. Former chair of the University of Chicago Department of Pathology, and the Donald N. Pritzker Distinguished Service Professor emeritus, he served as director of the university's Specialized Center of Research in Atherosclerosis from 1972-1981.

Known for his expertise in understanding the connection between diet and the development of heart disease, Dr. Wissler did fundamental research on the role of specific dietary fats in atherosclerosis. In 1983, he

organized the multicenter cooperative study of the Pathobiological Determinants of Atherosclerosis in Youth. Dr. Wissler also conducted research on the basic mechanisms of cellular immunity, serum sickness, allergic atheritis, rheumatic fever, and cellular mechanisms of antibody formation.

A diplomate of the American Board of Pathology and an honorary diplomate of the American College of Veterinary Pathologists, he served as visiting scientist to the Theodore Kocher Institute at the University of Berne in Switzerland. Dr. Wissler was a past president of the American Association of Pathologists and Bacteriologists, and the American Society for Experimental Pathology.

Dr. Wissler received multiple honors, including honorary degrees from five universities, the Award of Merit from the American Heart Association, the Goldberger Award from the American Medical Association, and the Gold Headed Cane Award from the American Society of Investigative Pathology. He also received the Joseph A. Capps prize from the Chicago Institute of Medicine, and the Julius W. Sturmer Memorial Lecture Award. Dr. Wissler's wife, Elizabeth; two daughters; and a son survive him.

Join your colleagues for the 2007 Annual Meeting in Savannah!



# 2007

**November 10-14, 2007**

**Westin Savannah Harbor Resort**

**The Savannah International Trade & Convention Center  
Savannah, Georgia**

Westin Savannah Harbor Resort • <http://www.westinsavannah.com>

Savannah International Trade & Convention Center • <http://www.savtcc.com/>

Savannah Convention & Visitors Bureau • <http://www.savcvb.com>



# 2008

**ACVP • Future Annual Meeting Site**

**November 15-19, 2008**

**Hilton Palacio del Rio Hotel**

**Henry B. Gonzalez Convention Center  
San Antonio, Texas**

Hilton Palacio del Rio Hotel • <http://www.hilton.com>

Henry B. Gonzalez Convention Center

[http://www.sanantoniocvb.com/business/planmeet\\_convcenter.asp](http://www.sanantoniocvb.com/business/planmeet_convcenter.asp)

San Antonio Convention & Visitors Bureau • <http://www.sanantoniocvb.com>

### Externship Report for Julianne Davis at the National Institutes of Environmental Health Sciences

Because my interest is in toxicologic pathology, my externship at the National Institutes of Environmental Health Sciences was tailored towards preparing a manuscript intended to be submitted to the *Journal of Toxicologic Pathology*. I worked with **Dr. Susan Elmore** and others in the Laboratory of Experimental Pathology on this project, which was focused on renal pathology and provisionally titled "Guidelines for the proper processing, collection, and histological evaluation of the rodent kidney."

Working on this project I learned about the urinary system in rats and mice, experimental study design, photomicrographic techniques, the uses of special histological stains, as well as gained experience on the regulatory side of toxicologic pathology. I learned much about the facility during my first few weeks at NIEHS, which I spent researching literature on renal histopathology. Because NIEHS is home to the National Toxicology Program, many of the authors of the publications I read, were employed at the Institute, which allowed me the chance to discuss some of results with the authors in person.

I also was invited to attend gross and histopathology rounds with the third year pathology residents from the College of Veterinary Medicine at NC State University and NIEHS who were preparing for the ACVP Board Exam. Through this interaction, I got a great overview of what is expected in a pathology residency and learned how to carry out histological evaluation of organs in a stepwise manner. Another interesting component to the externship was the chance to attend the STP Annual Meeting in Puerto Rico through a travel stipend from the STP. The meeting gave me another perspective on the world of toxicologic pathology and the chance to meet **Dr. Gordon Hard**, a renal pathologist and consultant for the National Toxicology Program, who agreed to collaborate on the manuscript I was writing.

In summary, my externship at the National Institute of Environmental Health Sciences was an awesome experience. Because of my plans to apply for an anatomic pathology residency later this year, I feel that this externship is a perfect compliment to my education and interests. I sincerely thank the ACVP for their contribution to my future career plans.

### Externship Report for Barbie J. Gadsden at Eli Lilly

My Pathology Externship at Eli Lilly was very rewarding. I was exposed to the various important roles that pathologists have in the field of pharmaceutical research and development. The externship also provided some insight into the day-to-day upkeep of the research colonies, as well as practical situations that lab animal veterinarians are responsible for resolving. I spent approximately five weeks at Lilly, and each day was filled with something new and exciting to learn. I had a wide range of experiences from viewing histopathology slides and electron microscopy to developing biomarkers for cardiac and renal injury. The pathologists and lab animal vets on staff made sure that I was comfortable with information as it was being presented to me. My main site for work was the Greenfield laboratory. However, days were allotted during the five weeks for me to spend time at the Corporate Headquarters in downtown Indianapolis.

My externship began with an orientation to all the company's rules and guidelines for new employees and then I had an opportunity to familiarize myself with the facilities and interact with the Animal Resources Unit. Other highlights included an in-depth tour of the clinical pathology lab, learning tissue collection techniques from rats, and a tutorial on the basics of electron microscopy. I attended a meeting with a new pathologist who discussed the transition from residency to industry. She also provided me with a box of abnormal "mystery tissue" slides to identify. Another pathologist presented me with some study background, data, and slides. My assignment was to take on the role of the pathologist and ultimately decide if the drug being studied was having any negative effect on the tissues of the rats.

During the third week, I visited the University of Illinois where I spent time with the Anatomic Pathology Residents. I gained insight on what to expect during a pathology residency, and I also sat in on a histopathology seminar, clinical pathology class, and a pathology lecture. I went on the necropsy floor with some of the fourth year students and participated with them as they necropsied their cases.

Overall, I really enjoyed the time spent at Eli Lilly. I was exposed to far more than I ever imagined before I got there. I am very grateful to the Eli Lilly Company and **Dr. Eric Schultze** for allowing such meaningful insight into the pharmaceutical industry.

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*Because of my plans to apply for an anatomic pathology residency later this year, I feel that this externship is a perfect compliment to my education and interests.*

*-Julianne Davis*

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*My assignment was to take on the role of the pathologist and ultimately decide if the drug being studied was having any negative effect on the tissues of the rats.*

*- Barbie Gadsden*

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**Externship Report for Tiffany Reed at  
Johns Hopkins University School of Medicine**

Thank you for funding my externship at Johns Hopkins University School of Medicine, as this has proven to be both a rewarding and worthwhile experience. Throughout my stay at Hopkins, I was made more aware of the impact of pathology in medical research, and what an impact it is! This externship will truly be valuable to me as I use the knowledge that I gained to make my long term career decisions in veterinary medicine.

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*I was also given a unique opportunity to follow my own case from the necropsy floor to histopathology.*  
- Tiffany Reed

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In the department of Comparative and Molecular Pathobiology, I was given the distinct pleasure to be mentored by **Dr. Kathleen Gabrielson**. I was involved in a variety of activities ranging from necropsy to histopathology to clinical laboratory animal rounds. I participated in a number of necropsies on a variety of species like non-human primates, rodents, companion animals, and animals from both the national zoo and aquarium. I was also given a unique opportunity to follow my own case from the necropsy floor to histopathology. Fortunately, at Johns Hopkins University, the Pathology and Laboratory Animal Medicine departments are closely related, so I was able to spend time with the lab animal group as well. I participated in daily rounds of non-human primates, at the main facility and at the farm, as well as in rodent rounds. I also participated in a course on rodent handling and blood draw procedures.

This experience has truly opened my eyes to a number of opportunities available to veterinary pathologists and laboratory animal veterinarians. Thank you again for funding such a valuable experience!

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## Announcements and Upcoming Events

### **NE Division Day Seminar: Preclinical Assessment of Neurotoxicity**

October 5, the CL Davis Foundation will host the NE Division Day Seminar at the Schering-Plough Research Institute in Summit, New Jersey on Preclinical Assessment of Neurotoxicity. This meeting will emphasize the integration of classical techniques such as neurological and histopathological examinations with newer techniques such as PET imaging and electroencephalogram. Regulatory perspectives on preclinical data will be addressed. For further information, please contact Dr. Kevin Keane ([kevin.keane@spcorp.com](mailto:kevin.keane@spcorp.com)).

### **Southcentral Division 17th Annual Meeting (2007)**

October 5-6, the Charles Louis Davis Foundation will present the 17th Annual Program of the Southcentral Division at the San Luis Resort in Galveston, Texas. There will be a keynote presentation by Dr. Joe Simmons on Primate Pathology. Participants are invited to present a 15 minute report on an interesting case, and should include 40+ (50 if possible) stained slides with a one page history, with a diagnosis and discussion on a second page for redistribution to participants by September 10. Registration is \$175 for CL Davis members. For information, contact Dr. James Britt at 1-501-907-2435 or [jbritt@aripc.org](mailto:jbritt@aripc.org).

### **Bioimaging for the Experimental and Toxicologic Pathologist**

October 19, the Charles Louis Davis Foundation will host the Second Annual Charles Louis Davis Foundation West Coast Subdivision Toxicologic Pathology Symposium at Genentech, Inc., San Francisco, CA. For more information contact Dmitry Danilenko ([danilenko.dimitry@gene.com](mailto:danilenko.dimitry@gene.com)).

### **2007 AAVLD/USAHA Joint Meeting on Diagnostic Orthopedic Pathology**

October 19, the Charles Louis Davis Foundation will present an eight hour continuing education seminar entitled "Diagnostic Orthopedic Pathology" at John Ascuaga's Nugget in Reno, Nevada. There will be keynote presentations by Drs. Roy Pool and Steven Weisbrode. Didactic lectures will be combined with audience participation. Tuition is \$125. For more information contact Dr. Matti Kiupel at 1-517-432-2670 or [kiupel@dcpah.msu.edu](mailto:kiupel@dcpah.msu.edu).

## Announcements and Upcoming Events - continued

### Annual Conference of the Veterinary Cancer Society

The Veterinary Cancer Society will hold its Annual Conference November 1-4, 2007 in Fort Lauderdale, Florida. Contact: [vcs@cox.net](mailto:vcs@cox.net); 1-619-460-2002 or [www.vetcancersociety.org](http://www.vetcancersociety.org).

### Pathology of the Liver

November 10, the Charles Louis Davis Foundation and the American College of Veterinary Pathologists will cosponsor "Pathology of the Liver, What's New and What's Still True," in conjunction with the 2007 ACVP Annual Meeting in Savannah, Georgia. The seminar includes eight hours of RACE-accredited CME, refreshments, and a copy of the WHO Fascicle on Tumors of the Gastrointestinal Tract of Domestic Animals. To register go to (<http://acvp.org/meeting>) or contact Sarah Hale ([shale@epl-inc.com](mailto:shale@epl-inc.com)).

### First Symposium on "The Microcirculation in Acute Viral and Bacterial Infections" 2007

November 15-17, the First McLaughlin Symposium on "The Microcirculation in Acute Viral and Bacterial Infections" will take place at the University of Texas Medical Branch, Galveston. This symposium will focus on infectious agents that infect the microvascular endothelium or that induce profound changes in the microcirculation leading to life-threatening edema, hemorrhage or other complications; and will emphasize highly active areas of research such as cell trafficking, angiogenesis, coagulation, permeability regulation, vascular tone, oxidative stress, endothelial activation, and antigen presentation. For further information and forms for registration and submission of abstracts, contact [www.utmb.edu/circulation-infection](http://www.utmb.edu/circulation-infection).

### First Annual Wayne O. Kester Symposium-Equine Herpesvirus Disease

November 30, the CL Davis Foundation in conjunction with the American Association of Equine Practitioners will host an eight-hour pre-meeting symposium at the annual convention of the American Association of Equine Practitioners in Orlando, Florida on equine herpesviral disease. The multidisciplinary panel includes Drs. Pamela Wilkins, Steve Reed, Fabio Del Piero, Paul Lunn, and Klaus Osterreider. Tuition is \$150. For more information please contact Fabio Del Piero at ([fdp@vet.upenn.edu](mailto:fdp@vet.upenn.edu)).

### Symposium of the Veterinary Cancer Society

February 28-March 1, 2008 in Copenhagen, Denmark. Mid-Year Symposium of the Veterinary Cancer Society in Association with the European Society of Veterinary Oncology. Contact: [vcs@cox.net](mailto:vcs@cox.net); 1-619-474-8929 or [www.vetcancersociety.org](http://www.vetcancersociety.org).

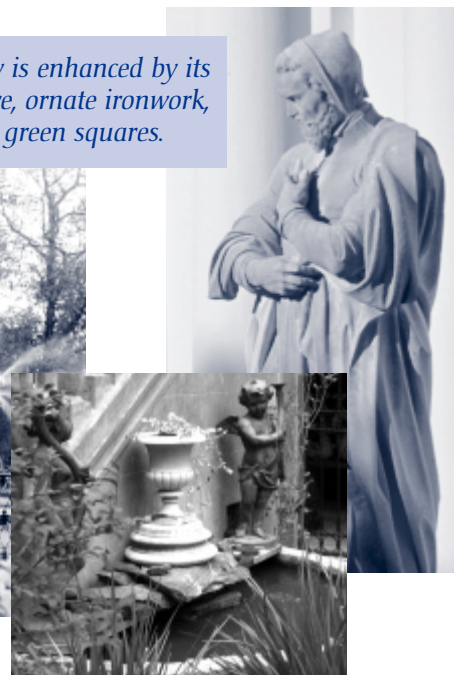
### 2008 General Pathology Beach Party

July 6, the Charles Louis Davis Foundation will host the 2008 General Pathology Beach Party at St. Pete Island, FL. Faculty include Ron Myers, Mark Ackermann, Derek Mosier, Paul Snyder, Matti Kiupel, Brad Bolon, and Jim McLachlan. For more information contact Bruce Williams ([Williams@cldavis.org](mailto:Williams@cldavis.org)).

### 2008 International Society for Animal Clinical Pathology (ISACP)

September 30-October 3, 2008, the International Society for Animal Clinical Pathology will be held in conjunction with the European Society for Veterinary Clinical Pathology (ESVCP) in Barcelona, Spain. For more information go to <http://www.isacp.org/> or contact the Chair of the meeting, Dr. Josep Pastor ([Josep.Pastor@uab.cat](mailto:Josep.Pastor@uab.cat)).

*Savannah's beauty is enhanced by its elegant architecture, ornate ironwork, fountains and green squares.*



# 2007 Annual Meeting

## FOURTH ANNUAL SILENT AUCTION

*Unusual artifacts or one-of-a-kind collector's items are always welcome.*

ACVP will hold its fourth annual Silent Auction in conjunction with the Annual Meeting at the Savannah International Trade & Convention Center, November 10-14, 2007. You will have a choice of items ranging from artwork, interesting gifts, collector's items and more.

The proceeds from the Auction help support the ACVP Student Externship Scholarships. Each year for the past several years, Council has committed \$18,000 for scholarships that are awarded to veterinary students interested in exploring a career in pathology. The Silent Auction will be in the Exhibit Hall and open during the Exhibit Hall hours.

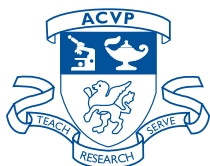
However, we also need your help. Creative and innovative items generate interest and excitement among bidders. Do you have access to something that is unique?

Unusual artifacts or one-of-a-kind collector's items are always welcome. Please consider donating something that you purchased or created for this special event.

A form can be obtained from the website at [www.acvp.org](http://www.acvp.org) by clicking on the Annual Meeting, from the program brochure or through email, by contacting Valerie Manogue ([vmanogue@reesgroupinc.com](mailto:vmanogue@reesgroupinc.com) or +1-608-443-2466, ext. 130). All donors will be recognized in the Silent Auction booklet and on the ACVP website prior to the meeting.

You always win by participating in the Silent Auction—you get a wonderful item, veterinary students receive scholarships, and you encourage them to consider a career in veterinary pathology!

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 & Services • Original Artwork • Gift Certificates to National Restaurant & Stores  
Exclusive and unique items are always a favorite!



**The American College  
of Veterinary Pathologists™**

2810 Crossroads Drive, Suite 3800  
Madison, WI 53718-7961 USA

Phone: +1-608-443-2466  
Fax: +1-608-443-2474  
E-Mail: [info@acvp.org](mailto:info@acvp.org)  
ACVP Website: <http://www.acvp.org>