



NEWSLETTER

AMERICAN SOCIETY FOR VETERINARY CLINICAL PATHOLOGY

August 2009

Newsletter #3

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Important Dates

Sept 22-24, 2009	ACVP Board Examination, Ames, IA
October 7-14, 2009	52nd Annual AAVLD/USAHA Meeting, San Diego, CA
December 4, 2009	Pre-Meeting Workshop - " <i>The Examination of Fish: Viewed by Pathology and Clinical Pathology</i> "
December 5-9, 2009	Annual ASVCP/ACVP Meeting, Monterey, CA
December 6, 2009	ASVCP Annual Business Meeting, Monterey, CA
June 9-12, 2010	28 th ACVIM Forum, Anaheim, CA
July 2010	XIV th Congress of the International Society for Animal Clinical Pathology, Corvallis, Oregon, USA

President's Message

Dear ASVCP Members

I hope your summer has been fun and relaxing! Do not miss the annual concurrent ACVP/ASVCP meeting, Dec. 5 – Dec. 9th in Monterey, California! The ASVCP meeting schedule can be found within this newsletter. The marine animal theme this year fits with the lovely Oceanside location of the meeting and the nearby Monterey Bay Aquarium. A snapshot of the “fishy” topics this year include:

- An exciting workshop on the **clinical pathologic and pathologic examination of fish** organized by our Veterinary Laboratory Professionals Committee on Saturday, held at the Monterey Bay Aquarium
- An interesting **Education Symposium on Clinical Pathology of Marine Animals** on Sunday Morning
- A great program from our **Veterinary Laboratory Professionals group** on diverse topics relating to aquatic species, marine mammals, and the bovine on Sunday, Monday, and Tuesday.
- The scientific sessions on Sunday and Tuesday with two hours of outstanding platform presentations by **Dr. David Relman of Stanford School of Medicine** on Tuesday. Please see more details about his presentations in this newsletter.

Please help us celebrate the ASVCP organization by attending these activities:

- The **ASVCP Business Meeting** at Sunday at 4:30 pm, door prizes will be available!
- Our **Reception** and recognition of the 2009 ASVCP Lifetime Achievement award recipient on Monday at 5:15 pm
- The **Clinical Chemistry Case Session** on Monday at 7 pm
- The **Case Review Session** on Tuesday at 1:30 pm

See the 2009 ACVIM forum and highlights of the upcoming 2010 ACVIM forum by Kirstin Barnhart.

We have been busy this year working on many activities, one of which deals with an outcome originally stated in the ASVCP Strategic Plan to revise the ASVCP webpage. The new page will be revealed soon! We would appreciate feedback from the membership about the new look. Kudos goes to the Web Editorial Board and the Rees Group for their efforts on this important project. The ASVCP Education Committee has created a document on training guidelines in

cytopathology/surgical pathology for the membership and it will be published in *Veterinary Clinical Pathology*.

Please welcome Kirstin Barnhart as the new President-elect of the Executive Board and Marlyn Whitney as the first- year Executive board member for the year 2010-2011!



Monterey Harbor



Carmel Beach

I look forward to seeing you in Monterey, California!
Best wishes
Melinda J. Wilkerson, ASVCP President

Successful ASVCP Sessions Held at the 2009 ACVIM Forum

The 2009 Forum of the American College of Veterinary Internal Medicine and the Canadian Medical Association Convention was held in Palais des Congres, Montreal, Quebec, Canada this past June. The ASVCP highlighted a slate of five speakers presenting eight hours of sessions that covered updates from a variety of topics of interest to both internists and clinical pathologists. Dr. Joanne Messick, Purdue University, gave a session on the complete blood count and non-neoplastic hematopathology with several challenging hematology cases. Dr. Anne Barger, University of Illinois, presented a step-wise approach to the blood smear for diagnosis and differential diagnosis of abnormal smears. She also lectured on distinguishing leukemoid reactions from chronic leukemia. Dr. Anne Avery, Colorado State University, spoke about prognostic indicators in lymphoma and leukemia. Dr. Craig Thompson, Purdue University, held two sessions on non-lymphoid oncology, which covered less common cytologic presentations, new nomenclature of old lesions, infectious agents, and cytology of infrequently sampled tissues. Dr. Rose Raskin also presented two sessions about ocular cytology and neurocytology. The sessions were very well attended. We thank and congratulate all the speakers for another great year at ACVIM. See below for the ACVIM Forum in 2010!!

Highlights for the Upcoming 28th Annual ACVIM Forum

Anaheim, California, June 9-12, 2010

The topics for next year's ACVIM forum are now being planned. The themes will be renal physiology, acid-base and electrolytes, and bone marrow topics including sample collection, myelodysplasias and classification of acute leukemias. Dr. Mary Nabity, Texas A&M University, will be speaking on clinical pathology and renal physiology. She will present challenging cases of renal disorders. Dr. John Christian, Purdue University, will discuss the physiology of acid-base and electrolyte disorders and follow-up with more challenging cases. Dr. Robin Allison, from Oklahoma State University, will be speaking about bone marrow collection, preparation, and assessment and follow with cases involving bone marrow disorders. Dr. Amy MacNeill, University of Illinois, will present lectures on the topics of myelodysplasias and classification of acute leukemias. It looks like another interesting and informative session. Please think about attending!!!!

Clinical Pathology Scientific Session Invited Speaker Dr. David Relman

This year, the invited speaker for the ACVP Clinical Pathology Scientific Session will be David Relman, MD. Dr. Relman is a Professor in the Department of Medicine, Division of Infectious Diseases and Department of Microbiology and Immunology at Stanford University, School of Medicine in Palo Alto, CA. Below is a summary of his talks that will be given on Tuesday morning, December 8. Please plan to attend!!!!

“Molecular Methods for Pathogen Discovery”

Clinical, epidemiological, and pathological data suggest that there is a substantial burden of disease caused by infectious agents that remains poorly understood and inadequately explained. Cultivation and serological methods for microbiological identification are insensitive. With recent developments in molecular methods and technologies, a number of more sensitive and broadly applicable approaches are now available. These approaches will be described and examples presented. At the "end of the day", the most challenging task remains the need to assess the potential causal role of putative agents in these cases of disease.

“Indigenous Microbiota of the Atlantic Bottlenose Dolphin”

Little is known about the indigenous microbiota of marine mammals, and the relationship of their microbiota to that of the surrounding aquatic environment. To address these and related issues, the Relman Laboratory is studying the microbial communities associated with the Atlantic bottlenose dolphin, *Tursiops truncatus*. We are sampling different anatomical sites of healthy animals at several time points, as well as diseased animals, and are characterizing microbial diversity using molecular techniques and ecological statistics. Collaborators apply cultivation techniques and phenotypic analyses to identify potential probiotic species.

2009 ASVCP Pre-meeting Workshop

The ASVCP Pre-meeting Workshop, "The Examination of Fish: Viewed by Pathology and Clinical Pathology" will be held on Saturday, December 5, 2009 at the Monterey Bay Aquarium. Mr. Rick DeFranciso and Dr. Michael Murray will chair this workshop. A listing of the speakers and the specific topics is provided below. Please consider signing up for this interesting and unique workshop!!!

- 8:00 a.m.-8:15 a.m. Registration**
- 8:15 a.m.-8:30 a.m. Introductions and Meeting Outline**
- 8:30 a.m.-9:30 a.m. Hematology of Fish: WBC and RBC Cell Morphology**
Jill Arnold, MT, MS
Director of Laboratory Services,
National Aquarium, Baltimore, MD
- 9:30 a.m.-10:30 a.m. Interpretation of Clinical Pathology Data in Fish**
Jill Spangenberg, DVM, PhD
Consulting Veterinarian, Aquarium of the Bay, San Francisco, CA
- 10:30 a.m.-11:00 a.m. Refreshment Break**
- 11:00 a.m.-12:00 noon Diagnostic Approaches in Fish and Diagnostic Imaging with Case Examples**
E. Scott Weber, III, VMD, MSc (Hons)
Professor, Clinical Studies in Aquatic Animal Health, University of California, Davis, CA
- 12:00 noon-1:00 p.m. Fish Pathology and Necropsy Techniques**
Denise Imai, DVM*
Graduate Student, University of
California, Davis, CA
- 1:00 p.m.-2:00 p.m. Lunch (on your own)**
- 2:00 p.m.-4:30 p.m.**
Hands-on opportunities to include anesthesia/phlebotomy/skin scrape/gill clip for ante-mortem samples in fish. A demonstration of gross necropsy, including collection of tissues for histopathology, biopsies, microbiology, etc. will be provided.
- Stations with some blood smears and hemacytometer setups using microscope/camera will be included.
- Erin Jenkins and Christina Camillo, Technicians
- 4:30 p.m.-5:00 p.m. Closing Remarks and Discussion**

2009 ACVP/ASVCP CONCURRENT ANNUAL MEETING PROGRAM

December 5-9, 2009

Monterey Conference Center, Monterey, California
Monterey, California

Website: <http://www.acvp.org/meeting>

Preliminary Program

Saturday, December 5, 2009

8:00 a.m.-5:00 p.m. **ASVCP Pre-Meeting Workshop** (available at an additional fee)
The Examination of Fish: Viewed by Pathology and Clinical Pathology (located at the Monterey Bay Aquarium)

- Hematology of Fish: WBC and RBC Cell Morphology
- Interpretation of Clinical Pathology Data in Fish
- Diagnostic Approaches in Fish and Diagnostic Imaging with Case Examples
- Fish Pathology and Necropsy Techniques
- Hands-on opportunities to include anesthesia/phlebotomy/skin scrape/gill clip for ante-mortem samples in fish

8:00 a.m.-5:00 p.m. **C.L. Davis Foundation Pre-Meeting Workshop** (available at an additional fee)
Principles and Practice of Veterinary Surgical Pathology

1:30 p.m.-5:00 p.m. **ITPIG Pre-Meeting Workshop** (available at an additional fee)
Toxicopathology of the Developing Immune System: Investigative and Development Strategies

- Overview of Developmental Immunotoxicology
- Histology of the Developing Rodent Immune System
- Rodent and Non-rodent in vivo Developmental Immunotoxicology Assessments: Case Examples
- Integrated Approaches to Immunotoxicology Assessment

6:00 p.m.-8:00 p.m. **ASVCP Teaching Clinical Pathology**

7:00 p.m.-8:30 p.m. **Opening Reception and Focused Poster Session**

Sunday, December 6, 2009

8:00 a.m.-12:00 noon **ASVCP Education Symposium**
Clinical Pathology of Marine Animals

- Marine Mammals as Sentinels for Oceans and Human Health
- A Clinician's Perspective on Clinical Pathology of Marine Mammals
- Clinical Pathology and Sea Otters: Terrestrial Carnivores or Marine Mammals, Both and Neither
- Species Specific Diagnostic Development: Cost, Quality, and Diagnostic Acuity

8:00 a.m.-12:00 noon**Career Development Session**

Framing Your Message: Maximizing Success When Communicating Outside the Realm of Veterinary Pathology

- Planning to Secure NIH Funding: How to Get Started and Survive
- Animal Research: Interaction with the Media and Animal Rights Groups
- Discover What Editors are Looking for From Expert Resources
- Talking about Animal Research and Animal Rights
- Framing Your Message

8:00 a.m.-12:00 noon**Mini-Symposium****Pigs and Minipigs as Research Models**

- Pigs as Surgical Models
- Pigs as Dermatologic Models of Human Skin Disease
- Pigs as Cardiovascular Models
- Minipigs as Toxicologic Models in GLP Safety Assessment Studies

8:00 a.m.-12:00 noon**Natural Disease Specialty Group Session I**

- Functional Adaptations of the Intestinal Microbiota During Health and Infection
- Vasculitis Through Two Prisms: Malignant Catarrhal Fever and Histophilosis

9:00 a.m.-5:00 p.m.**Career Center****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**

White Nose Bat Syndrome

12:30 p.m.-4:30 p.m.**ASVCP Veterinary Laboratory Professionals Session I**

- Iron Metabolism and Laboratory Assessment of Iron Status
- Introduction to Hematology and Biochemistry of Amphibians
- Hematology of Fish: WBC and RBC Cell Morphology

1:30 p.m.-4:30 p.m.**Clinical Pathology Scientific Session I****1:30 p.m.-5:00 p.m.****Experimental Disease Specialty Group Session I**

- Hyperacute Cancer Vaccines
- Persistence of Intestinal Infectious Agents in Mice

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

- Misfolded Proteins as Infectious Agents: Prions and Interspecies Transmission
- Amantin Intoxication: Pathogenesis and Diagnostic Challenges

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

- Diagnostic RNAs in Biofluids as Biomarkers of Toxicities
- Toxicological Considerations and Toxicologic Pathology of Oligonucleotide Therapeutics

4:30 p.m.-6:00 p.m.**ASVCP Business Meeting****6:00 p.m.-7:30 p.m.****ACVP Town Meeting****7:30 p.m.-10:00 p.m.**
Presentations**Mystery Slide Review and Neuropathology Case**

Monday, December 7, 2009

- 8:00 a.m.-12:00 noon** **ACVP/ASVCP Joint Plenary Session**
Cellular Transporters
- Renal Membrane Transport Processes In Toxicology and Disease
 - Hepatic Transporters and Implications for Drug Development
 - Biocide and Antibiotic Resistance in Bacteria Conferred by Efflux Transporters
 - Toxicogenomic Aspects of Cellular Transporters and Predisposition to Drug Sensitivities in Dogs
- 8:00 a.m.-12:00 noon** **ASVCP Veterinary Laboratory Professionals Session II**
- Using Molecular Diagnostics to Advance Marine Mammal Pathology and Medicine
 - Raptor Hematology and Biochemistries
 - Seahorses
- 9:00 a.m.-1:00 p.m.** **Career Center**
- 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.-5:00 p.m.** **Optional Tours** (available for an additional fee)
- 1:30 p.m.-5:00 p.m.** **Free Afternoon**
- 5:15 p.m.-6:45 p.m.** **ASVCP Reception**
- 7:00 p.m.-9:00 p.m.** **ASVCP Clinical Chemistry Review Session**
- 7:00 p.m.-10:00 p.m.** **Mystery Slide Review: Female Reproductive Pathology**

Tuesday, December 8, 2009

- 8:00 a.m.-12:00 noon** **Clinical Pathology Scientific Session II**
- 8:00 a.m.-12:00 noon** **Concurrent Session I**
Viral Persistency and Latency: Current Concepts and Role in Disease
- Host and Virus Determinants of Picornavirus Pathogenesis and Tropism
 - Mechanisms of Bovine Herpes Virus Latency
 - Immunopathogenesis of Feline Retroviruses: Alterations in Cytokine Regulation and Cell-Mediated Immunity
 - Cross-species Virus Transmission and the Emergence of New Epidemic Diseases
- 8:00 a.m.-12:00 noon** **Concurrent Session II**
New Horizons in Targeted Therapy for Cancer
- Targeting the Tumor Microenvironment to Reduce Cancer Progression, Metastasis, and Chemoresistance
 - Potential of Therapeutic siRNA for the Treatment of Cancer
 - Cancer and Stem Cells
 - Novel Therapeutic Approaches for Cancer and Evolving Regulatory Challenges

- 8:00 a.m.-12:00 noon** **ASVCP Veterinary Laboratory Professionals Session III**
- Lean Six Sigma
 - Audioconference: Building a Climate for High Performance
- 9:00 a.m.-5:00 p.m.** **Career Center**
- 9:30 a.m.-3:30 p.m.** **Exhibits Open**
Silent Auction
Specialty Group and Student Poster Presentations
- 12:15 p.m.-1:15 p.m.** **ACVP Gross and Microscopic Examination Slide Review**
- 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**
- 1:30 p.m.-5:00 p.m.** **Education Specialty Group Session**
- The Enigmas of Veterinary Education: We Must Look to the Future
- 1:30 p.m.-5:00 p.m.** **Experimental Disease Specialty Group Session II**
- Targeting Metastasis Using a Comparative Approach
 - Detection and Consequences of Contemporary Subclinical Viral Infection in Laboratory Mice
- 1:30 p.m.-5:00 p.m.** **Toxicologic Pathology Specialty Group Session II**
- Preclinical Studies of a Somatic Stem Cell Therapy: Pathway to Clinical Approval
 - Using Zebrafish as a Platform to Advance Environmental and Human Health
- 5:15 p.m.-6:30 p.m.** **ACVP Business Meeting**
- 7:00 p.m.-9:00 p.m.** **ACVP Presidential Reception and Live Auction**

Wednesday, December 9, 2009

- 8:00 a.m.-12:00 noon** **Young Investigator Award (Recipients) Poster Presentations**
- 8:00 a.m.-12:00 noon** **Concurrent Session III**
Porcine Viral Diseases
- Pathology and Pathogenesis of African Swine Fever
 - Post-Weaning Multisystemic Wasting Syndrome and Other PCV2-Associated Diseases in Pigs
 - Swine Paramyxoviruses: Pathology and Paradoxes
 - Increasing Evidence of Viral Swine Diseases Jumping the Species Barrier: Porcine Coronaviruses, Hepatitis E and Torque Teno Virus
- 8:00 a.m.-12:00 noon** **Concurrent Session IV**
Marine Mammals
- The Bottlenose Dolphin (*Tursiops truncatus*) as a Sentinel for Environmental and Human Health: Veterinary Assessment Findings from the Indian River Lagoon, Florida and Charleston, South Carolina
 - Using Molecular Diagnostics to Advance Marine Mammal Pathology and Medicine
 - An Overview of Pathology Findings of Marine Mammals within the Pacific Northwest, 1998-2008
 - Highlights of Southern Sea Otter Pathology: New Discoveries, New Directions

8:00 a.m.-12:00 noon**Mini-Symposium**

Regulatory and Inhibitory RNA

- Strategies for Inhibiting the Replication of Influenza Virus using miRNAs
- Biochemical Mechanisms of RNA Interference
- Beyond Classical RNAi: Germ Cell Development and Transposon Control

12:00 noon**Conference Ends****1:00 p.m.-5:00 p.m.****Post-Meeting Workshop** (available at an additional fee)

Ensuring a Happy Ending: The Challenges of Pathology Reporting

ASVCP Committee Updates

Outreach Committee Update

\$250 ASVCP Color Poster Contest

The Outreach (formerly Membership) Committee is sponsoring a \$250 color poster contest. The goal of this new poster is to showcase the ASVCP and encourage membership as well as promote interest in veterinary clinical pathology. The poster should have interesting visual appeal, provide useful information, and be suitable for wide distribution/display (hallways, offices, billboards, meetings). The only requirements for this 14 x 17 inch color poster are inclusion of the ASVCP logo, web address (www.asvcp.org), and *creativity*. Additional information about the ASVCP and Membership Benefits that could appear on the poster may be found on the website link "How to Join" and in our brochure (also available online). The winning entry, selected by the Membership Committee and Executive Board, will be available for Veterinary Colleges, Pathology Clubs, groups requesting copies, and meetings. The new poster also will be printed along with a brief profile about the winning submitter(s) in Veterinary Clinical Pathology. Students, residents, graduate students, and faculty are all encouraged to submit a poster as individuals or teams/groups (e.g. Pathology Club). The deadline for submissions is December 31, 2009. Please create the poster as a 14 x 17 inch Powerpoint, convert to a PDF file and email to: swenson@cvm.msu.edu

Veterinary Laboratory Professionals Committee Update

The Veterinary Laboratory Professionals committee includes people such as technologists, lab managers, and clinical pathologists. We work in academic settings, reference and research laboratories, and the pharmaceutical industry among other places. Our annual meeting sessions are geared toward the bench techs and pathologists that are out there representing veterinary medicine. The VLP has an exciting meeting planned for December 6 -8, 2009. Make plans to see us in Monterey, CA.

**2009 Veterinary Laboratory Professionals Meeting
Monterey, California**

Sunday, December 6 (3 PACE Credit Hours)

12:30 - 1:00	Rick DeFrancisco Cornell University	Welcome to Attendees and Announcements
1:00 - 2:00	Dr. Deanna Schaefer Cornell University	Iron Metabolism and Laboratory Assessment of Iron Status Program # 606-001-09, 1.0 Credit Hour
2:00 - 3:00	Dr. Timothy Tristan Oso Creek Animal Hosp.	Introduction to Hematology and Biochemistry of Amphibians Program # 606-002-09, 1.0 Credit Hour
3:00 - 3:30	Refreshment Break	Exhibits and Posters
3:30 - 4:30	Jill Arnold Aquarium in Baltimore	Hematology of Fish - WBC & RBC Morphology Program # 606-003-09, 1.0 Credit Hour
4:40-6:00	ASVCP Business Meeting	

Monday, December 7 (3 PACE Credit Hours)

8:00 - 9:00	Dr. Karen Terio University of Illinois	Using Molecular Diagnostics to Advance Marine Mammal Pathology and Medicine Program # 606-004-09, 1.0 Credit Hour
9:00 - 10:00	Dr. Timothy Tristan Oso Creek Animal Hosp.	Raptor Hematology and Biochemistries Program # 606-005-09, 1.0 Credit Hour
10:00 - 11:00	Refreshment Break	Exhibits and Posters
11:00 - 12:00	Dr. Mike Murray Monterey Bay Aquarium	Diseases of Seahorses: Pathologists' Dream & Clinicians' Nightmare Program # 606-005-09, 1.0 Credit Hour
12:00 - 5:00	Free Time to Explore Monterey	

Tuesday, December 8 ((3 PACE Credit Hours)

7:00 - 8:00	Planning Session for Baltimore, MD 2010 VLP Committee Members	
8:00 - 10:00	Bob Silvers and Gary Marves Six Sigma Academy & Co,	Improving Business Performance via Lean Six Sigma Methods Program # 606-007-09, 2.0 Credit Hours
10:00 - 11:00	Refreshment Break	Exhibits and Posters
11:00 - 12:00	Harold Tvedten Uppsala, Sweden	Comparison of the CellaVision for Canine Differential to the ADVIA 2120 Sysmex, and Manual Differential Program # 606-008-09, 1.0 Credit Hour

The P.A.C.E. Statement: ASVCP-VLP is approved as a provider of continuing education programs in the clinical laboratory sciences by the ASCLS P.A.C.E. Program

Executive Board News

Fall semester has just begun for many of and our annual meeting is just around the corner. It should be another strong meeting, and we hope that you are planning on attending. Details about the ASVCP Pre-Meeting Workshop, "The Examination of Fish: Viewed by Pathology and Clinical Pathology," have been outlined on page 6 of this issue. Browse the schedule to see other stimulating topics that will be covered at the meeting.

In addition to the Executive Board and Annual Business Meeting sessions held at the Annual Meeting of the ASVCP, the members of the ASVCP Executive Board correspond regularly during the year via electronic mail and telephone conferences to accomplish the Society's business.

The EB continues to work toward a new and improved website, which will be released soon. The Society held elections and the EB welcomes Dr. Kirstin Barnhart as President-Elect and Dr. Marlyn Whitney as the first year Executive Board Member.

Lastly, throughout the year, committee updates and activities are summarized in this issue as well as past issues. Many of our committees are very active and are accomplishing quite a lot. Committee work is one way to become more active in the Society and our committees are always looking for people to join. If you have an interest in serving on one of our committees, please do so. See you in Monterey!

The Proposed Changes to the ASVCP Constitution and Bylaws have been Passed by the Membership

During a review of our Constitution and Bylaws, it was discovered that current membership in ASVCP was not formally stipulated as a requirement for those serving on the Executive Board or on Society committees. To clarify this requirement, changes were proposed, and the membership voted on these last month. The majority vote supported the changes, which are summarized below.

Constitution Article V. Officers Section 1

The officers of the Society shall consist of Immediate Past-President, President, President-Elect, Secretary, and Treasurer. All officers must be current members in good standing.

Bylaws Article VII. Elections Section 2

Nominations for any vacancies may be made by any Society member in good standing. Nominations shall be submitted to the nominating committee and shall include a brief

statement of the qualifications of the nominee. Nominees must be current members in good standing.

Bylaws Article X. Committees Section 1

All committee members and committee chairs must be current Society members in good standing.

Upcoming Meetings

The 19th Congress of the European College of Veterinary Internal Medicine - Companion Animal, September 10-12, 2009, Porto, Portugal. For more information, go to www.ecvimcongress.org. Abstracts for posters and scientific presentations are welcome.

The XIVth Congress of the International Society for Animal Clinical Pathology, July 2010, Corvallis, Oregon, USA. For information, go to www.isacp.org.

52nd Annual AAVLC/USAHA Meeting, October 7-14, 2009 in San Diego, California. For more information, go to www.aavld.org.

29th Annual Veterinary Cancer Society Conference, October 16-19, 2009, Austin, Texas. For information go to <http://www.vetcancersociety.org>.

General Information

ASVCP NATIONAL OFFICE: Members can contact the ASVCP National Office at 2810 Crossroads Drive, Suite 3800, Madison, WI 53718; Phone: 608-443-2479; Fax: 608-443-2474 or 608-443-2478;
E-mail: info@asvcp.org.

Electronic Newsletters: Members who have provided the Society with an e-mail address will receive an e-mail containing a link to the newsletter as soon as each issue is posted to the ASVCP website. The newsletters are posted in PDF format. If you have any problems accessing the newsletter electronically, please contact the ASVCP National Office (info@asvcp.org) or Secretary, Karen Russell, krussell@cvm.tamu.edu. Members that do not have an e-mail access will receive paper copies.

Change of Address: Please send any changes in mailing address or electronic mail address to the ASVCP National Office at 2810 Crossroads Drive, Suite 3800, Madison, WI 53718; E-mail: info@asvcp.org, Fax: 608-443-2474 or 608-443-2478.

ASVCP Newsletter and/or Website Submissions: If you have material of interest to post in the newsletter or on the ASVCP website (www.asvcp.org), please contact the ASVCP Secretary, Karen Russell, Dept of Veterinary Pathobiology, Mail Stop 4467, College of Veterinary Medicine and Biomedical Sciences, Texas A&M University, College Station, TX 77843-4467; krussell@cvm.tamu.edu, or contact the ASVCP National Office at 2810 Crossroads Drive, Suite 3800, Madison, WI 53718; E-mail: info@asvcp.org.

ASVCP Membership Application: Member application forms are available at the ASVCP website (www.asvcp.org), by contacting ASVCP Secretary, Karen Russell at krussell@cvm.tamu.edu, or by contacting the ASVCP National office at 2810 Crossroads Drive, Suite 3800, Madison, WI 53718; Phone 608-443-2479; E-mail: info@asvcp.org.

Job Opportunities

The Ohio State University Veterinary Clinical Pathology Residency/PhD Graduate Program

Combined Veterinary Clinical Pathology Residency/PhD Graduate Program to begin Summer, 2010. As part of the most comprehensive health sciences center in America, the Department of Veterinary Biosciences at The Ohio State University offers outstanding training opportunities for students whose career goals include specialty education in veterinary clinical pathology and graduate education leading to a PhD.

Success of the program is demonstrated by sustained extramural research funding and an excellent record of graduates who successfully pass the certifying examination of the ACVP. Pathology training utilizes laboratories at Ohio State University which support necropsy, surgical pathology, and clinical pathology services for the large caseload in the Veterinary Teaching Hospital, regional practitioners, the Columbus Zoo, and the University Comparative Pathology & Mouse Phenotyping Shared Resource which provides diagnostic pathology support to the University Laboratory Animal Resources and investigators utilizing animal models of disease with an emphasis on genetically modified mice. Characterization of genetically-modified mice is supported by an NIH training grant and draws upon submissions to the Phenotyping Shared Resource. Areas of research include cellular and molecular biology, oncology, microbiology and immunology, pathophysiology, and epidemiology.

Trainees may interact with Ohio Department of Agriculture scientists, USDA/APHIS Foreign Animal Disease specialists and the university's multidisciplinary faculty to pursue research interests in the area of emerging diseases. Stipends begin at \$30,750, and successful applicants will receive a \$2000 bonus to apply toward the cost of educational supplies. Additional benefits include paid tuition and contributions to student health insurance. A DVM/VMD from an AVMA-accredited institution is preferred.

Applications are reviewed upon receipt and will continue until suitable applicants are selected for positions beginning June 21, 2010. Application materials including curriculum vitae, statement of career goals, copies of veterinary school transcripts and GRE scores, as well as three letters of reference should be submitted to Dr. Michael Oglesbee, Graduate Studies Committee Chair, Department of Veterinary Biosciences, The Ohio State University, 1925 Coffey Road, Columbus, OH 43210-1092. For more information, contact Dr. Oglesbee at (614) 292-9672, Oglesbee.1@osu.edu or visit the department website, <http://vet.osu.edu/biosciences.htm>.

Ohio State University is an AA/EOE.

**Texas A&M University
Veterinary Clinical Pathologist**

The Department of Veterinary Pathobiology (VTPB), Texas A&M University, invites applicants for a faculty position in veterinary clinical pathology at the assistant, associate, or full professor level. Requirements: DVM or equivalent, Texas licensure eligibility, and ACVP board certification or eligibility. Preferred: PhD or MS degree or research, or scholarly experience. Successful candidate joins a dynamic team including three clinical pathology faculty and three clinical pathology residents.

Duties include providing diagnostic service, teaching, and maintaining productive independent or collaborative research program. Division of duties is negotiable at a level consistent with the candidate's strengths and interests; preference given to an individual interested in a position leading to tenure and has a research-oriented program. Appointees to a tenure-track position should establish and maintain an extramurally funded research program complementing existing research in the department or college. Appointees to a clinical-track position should interact with clinical specialists and participate in collaborative scholarly activity. Teaching opportunities exist at the undergraduate, professional veterinary and graduate levels.

VTPB is one of five departments in the College of Veterinary Medicine and Biomedical Sciences (CVMBS). Scholarly breadth across faculty members is excellent, with areas of emphasis in anatomic & clinical pathology, genetics, infectious disease & host/pathogen interactions, immunology, and neurosciences. Signature programs within the CVMBS: cardiovascular sciences, neurosciences, biodefense & emerging infectious diseases, reproductive biology, environmental medicine/toxicology, and biomedical genomics. The department includes 70 faculty members with diverse backgrounds and research interests.

Salary and start-up funds will be competitive and commensurate with the candidates' experience and qualifications. Applications will be accepted until a suitable candidate is identified. Letters of application with statement of scholarly interest, career goals, curriculum vitae, and names and contact information for three (3) references can be e-mailed to cvoelker@cvm.tamu.edu or mailed to Ms. Cynthia Voelker, attention: Karen Russell, Search Chair, Department of Veterinary Pathobiology, College of Veterinary Medicine & Biomedical Sciences, Texas A & M University, 4467 TAMU, College Station, TX 77843-4467. Additional position and departmental information is available at <http://vtpb-www.cvm.tamu.edu>.

Texas A&M University is an equal opportunity employer committed to excellence through diversity and encourages applications from women and underrepresented groups.

**Texas A&M University
Residency Training in Clinical Pathology**

The Department of Veterinary Pathobiology at Texas A & M University invites applicants for a training position in clinical pathology. The three-year program fulfills the eligibility requirements for the American College of Veterinary Pathology (ACVP) certification examination, and the program has a strong record of residents becoming ACVP diplomates. The candidate will join a team of three board-certified clinical pathologists and two clinical pathology residents.

The goals of the program are to produce well-trained and well-rounded pathologists for academia, industry or government and facilitate preparation for board certification in clinical pathology by providing experience in diagnostic service, instruction of veterinary students, participation in diagnostic and research-oriented seminars, and graduate course work. Candidates are strongly encouraged to complete a Ph.D. degree and may be eligible for continued salary support following the residency.

Research areas within the department include hemostasis, host/pathogen interactions, renal and urine proteomics, immunology, molecular genetics, neuroscience, avian pathology, parasitology, virology, comparative pathology, and bacteriology. Signature programs within the college include environmental medicine/toxicology, neurosciences, biodefense and emerging infectious diseases, cardiovascular sciences, reproductive biology, and biomedical genomics. The Bryan-College Station area offers a diverse college-town atmosphere, a relatively low cost of living, and convenient access to regional urban centers.

Applicants must possess a DVM or equivalent degree from an AVMA-accredited school, and provide evidence of academic strength and interest in pathology. The starting salary is \$31,000 per year with medical and retirement benefits. The start date is July 1, 2010. Review of applications will begin December 1, 2009 and continue until the position is filled. Interested individuals should submit a resume, college transcripts, GRE score, contact information for three references, and a statement of professional goals and interests via e-mail to cvoelker@cvm.tamu.edu, or send by mail to: Ms. Cindy Voelker, Business Coordinator, for the attention of Dr. Karen E. Russell, Department of Veterinary Pathobiology, Texas A&M University, College Station, Texas 77843-4467. For more information, phone 979-845-4655. Additional department information is available at <http://vtpb-www.cvm.tamu.edu>.

Texas A&M University is an Equal Opportunity Educator and Employer committed to excellence through diversity.

**University of Illinois at Urbana-Champaign
Residency/Graduate Study in Veterinary Clinical Pathology**

The Department of Pathobiology (<http://vetmed.illinois.edu/path/>) and Veterinary Diagnostic Laboratory (<http://vetmed.illinois.edu/vdl/>) at the College of Veterinary Medicine, University of Illinois at Urbana-Champaign, has an opening for veterinarians interested in applied and/or graduate study in clinical pathology. The position will be available as early as August 2010. Successful candidates will have the option to choose an applied program of training in clinical pathology leading to eligibility for the certifying examination of the American College of Veterinary Pathologists or a biphasic program consisting of 1) applied training in clinical pathology leading to board eligibility, and 2) study in experimental pathology or a related field leading to a PhD or Masters degree. Estimated completion time for the combined program is five years, depending on prior qualifications. Estimated completion time for the applied program is three years. Stipends begin at \$31,600, depending upon experience. Tuition and most University fees are waived and standard University employee health insurance benefits are included. Additionally, the successful candidate will receive an annual travel stipend.

The department is multi-disciplinary in nature and a wide variety of research opportunities are available. Infectious disease, immunology and toxicologic pathology are particular areas of emphasis within the department and opportunities for research utilizing "cutting edge" techniques in molecular biology, biochemistry and microscopy are available. The clinical pathology laboratory is a full-service laboratory providing testing for hematology, clinical chemistry, endocrinology, cytology and immunocytochemistry.

Interested candidates should complete the online Graduate College application located at: <http://www.grad.uiuc.edu/admissions/apply/> and submit a letter of intent, including career goals and three letters of reference to: Paula Moxley, Graduate Program Coordinator, Department of Pathobiology, 2001 South Lincoln Avenue, Urbana, IL 61802, or submit electronically to pkm@illinois.edu. To ensure full consideration, applications must be received by October 1, 2009. Candidates may be interviewed prior to the closing date; however, no formal offers will be made until after that date. The UIUC is an AA-EOE.

**Johns Hopkins University School of Medicine
Pathology Residency/Research Fellowship**

Leading Research in Human and Animal Disease

Department of Molecular and Comparative Pathobiology
Pathology Residency/Research Fellowship

The Department of Molecular and Comparative Pathobiology at Johns Hopkins University School of Medicine invites applications for our 4-year residency/research fellowship in anatomic pathology. The successful candidate will receive comprehensive training in anatomic pathology in preparation for certification by the American College of Veterinary Pathologists (ACVP) along with outstanding research training in a multi-disciplinary mentored environment in a discipline of their choice. This training opportunity is comparable to the residency/PhD opportunities offered at many veterinary schools, yet is distinguished by the much broader research opportunities afforded by a large medical institution, including the option to pursue a PhD in a stellar JHU graduate program.

Program

During the first year trainees gain outstanding clinical experience in anatomic pathology through gross and microscopic examination of pathology cases from the Johns Hopkins University animal colonies, local veterinary practitioners, the Maryland State Laboratory, the Maryland Zoo and the National Aquarium in Baltimore. In years 2 to 4, which are funded by the National Institutes of Health, trainees undertake mentored basic or applied research. If desired, trainees may pursue a PhD concurrent with their research training. Our faculty includes 6 ACVP Diplomates, 4 ACLAM Diplomates, and 9 biomedical research scientists, whose research interests include retrovirology, neuropathology, cardiovascular disease, infectious disease, parasitology, carcinogenesis, proteomics, and rodent phenotyping (www.hopkinsmedicine.org/mcp). You also may work with faculty from more than 30 academic departments forming Johns Hopkins Medicine.

Qualifications

This position is targeted for a veterinarian who wishes to pursue a career as an experimental pathologist in a research setting. Candidates must have a DVM or equivalent degree, and be a citizen or permanent resident of the United States. Johns Hopkins University is an equal opportunity employer and educator.

Applications

Submit your curriculum vitae, transcripts, three letters of recommendation, and a letter describing your (i) professional background, interests and goals, (ii) pathology experience and preparation, and (iii) plan for professional development. Materials may be mailed to Wendy Elza, Academic Program Coordinator, Johns Hopkins University, 733 N. Broadway, Suite 811, Baltimore, Maryland 21205, phone 443-287-2953 or E-mailed to welza1@jhmi.edu. Please submit your materials no later than October 30, 2009.

Orders for 2009 ASVCP Case Review Sets

The 2009 ASVCP Case Review Sets will be sold on the same priority basis as in previous years. Twenty (20) sets are reserved for **purchase** by the presenters of the 2009 cases (NOTE: slide sets are not provided gratis for the presenters). Additional "Institutional Sets" are reserved for purchase by schools or colleges of veterinary medicine that grant a DVM or equivalent degree (NOTE: Institutional Sets must be purchased by an ASVCP member at the institution). To be eligible for either a Presenter Set or an Institutional Set, the order form with payment must be **RECEIVED BY** the ASVCP Office **no later than October 15, 2009**. After October 1, all remaining slide sets will be sold to ASVCP members in sequential order starting with the earliest postmark dates on the applications. Payments for orders not filled will be refunded. The application form and payment should be sent to the Treasurer at the address on the order form below.

2009 ASVCP Case Review Set Order Form

Please enclose a check or money order (United States dollars only) payable to ASVCP for \$75 for each set to be mailed within North America, or \$100 for those mailed to other locations.

Institutional Set (One set per school or college)

Name of Institution _____

Name of ASVCP member at this Institution: _____

Personal Set or Presenter Set (if your submission is accepted). Availability of Personal Sets is based on earliest postmark dates on order.

Address to which the 2009 Case Set (to be distributed in October) should be sent:

Name: _____

Address: _____

E-mail _____

Date ordered: _____

Credit Card Number: _____ Expiration Date: _____

Signature: _____

You may fax your credit card order to: 608-443-2474.

Mail a check payable to ASVCP with a copy of this order form to:

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