



# NEWSLETTER

## AMERICAN SOCIETY FOR VETERINARY CLINICAL PATHOLOGY

August 2006

Newsletter #3

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### Important Dates

December 2-6, 2006	Annual ASVCP/ACVP Meeting, Tucson, Arizona
December 3, 2006	ASVCP Annual Business Meeting, Tucson, Arizona
November 10-14, 2007	Annual ASVCP/ACVP Meeting, Savannah, Georgia
November 11, 2007	ASVCP Annual Business Meeting, Savannah, Georgia

### President's Message:

Dear ASVCP Colleagues,

As the ASVCP grows, we will continue to try to make participation in the various activities of the society easier. This year this effort included setting up electronic balloting for election of officers for the first time. Hopefully it worked seamlessly for everyone. Use of electronic voting significantly increased participation by almost 75% over last year's election. I would like to congratulate Holly Jordan as the new President

Elect and welcome Joanne Messick as the new Executive Board member and Karen Russell as secretary.

Another change that has occurred this year is on line publication of *Veterinary Clinical Pathology* by VIN. Publication of our journal is one of the Society's major functions and the journal's reputation continues to grow as evidenced by the progressively improving journal impact factor. I hope everyone has had a chance to try out the on line publication format through VIN. This arrangement gives ready access to the journal and I found that searching of past issues was easy through the VIN site. On line publication by VIN should help increase the visibility of *Veterinary Clinical Pathology* in the broader veterinary community as the website is widely used by veterinary clinicians, internists and academics. In addition, the journal also now provides open access for issues over 1 year old, which should further increase accessibility of our journal. I would like to thank our editors, Mary Christopher and Karen Young for all their work on the journal to make it such a success.

By now the program for the annual meeting is shaping up nicely and this meeting promises to be exciting and informative. A preliminary schedule can be found in this issue of the newsletter. I look forward to seeing everyone in Tucson in December.

Best regards,

Judy Radin, ASVCP President

## **ASVCP Election Results**

### **Election of Officers**

This year we elected three officers to the ASVCP Executive Board: President-Elect, First Year Executive Board Member, and Secretary. This year, for the first time, electronic voting was possible. Nearly 30% of our membership voted, including 9 members who voted by paper ballot. The election results are as follows: Holly Jordan will be our new President-elect, Joanne Messick will be our new First Year Executive Board Member, and Karen Russell will be our new Secretary. Christine Olver will advance from President-elect to President, Judy Radin will become our Immediate Past-president, and Melinda Wilkerson will advance to Second Year Executive Board Member. Sonjia Shelly will remain as Treasurer, and Marlyn Whitney will retire from the Secretary position and thus from the Executive Board. The newly elected and advancing Board members will be inducted at the end of the 2006 ASVCP Annual Business Meeting in Tucson, Arizona.

Thanks to all who participated in the 2006 officer election, and congratulations to our new Executive Board members!

**Meeting Schedule**  
**41<sup>st</sup> ASVCP / 57<sup>th</sup> ACVP Annual Meeting**  
**December 2-6, 2006**  
**Tucson, Arizona**

***Saturday, December 2, 2006***

- 8:00 am-5:00 pm**    **ASVCP Pre-meeting Workshop**  
IMMUNOASSAYS: VALIDATION AND QUALITY CONTROL  
Presenter: Asger Jensen  
Session Chair: Kristen Friedrichs
- Description: Immunoassays are bioanalytical methods in which the basic principle is the reaction between an antigen and an antibody with ELISA, RIA and chemiluminescence perhaps being the most commonly employed methodologies. Fundamental requirements for any assay are that it is capable of detecting the desired analyte and if used to quantify a certain analyte, that the assay quantifies the analyte within some preset limits of acceptability. It is the responsibility of the laboratory to assure that these requirements are fulfilled using procedures for validation and quality control. This workshop focuses on ELISA and will use specific examples to provide an overview of analytical principles in immunoassays, assay validation, and quality control issues.
- 8:00 am-5:00 pm**    C.L. Davis Pre-meeting Workshop  
CYTOLOGY FOR THE ANATOMIC PATHOLOGIST
- 8:00 am-5:00 pm**    ITPIG Pre-meeting Workshop  
NANOTECHNOLOGY: ADVANCES AND UTILITY IN  
DIAGNOSTICS AND BIOMEDICAL SCIENCES
- 6:00-8:00 pm**        **Teaching Clinical Pathology**  
Session Chairs: Leslie Sharkey & Sharon Dial  
Topic: CLINICAL PATHOLOGY RESIDENCY TRAINING FOR  
CAREERS IN INDUSTRY  
Presenters: Denise Bounous and Nancy Everds
- 7:00-8:30 PM**        **OPENING RECEPTION IN THE EXHIBIT AREA**

***Sunday, December 3, 2006***

**ASVCP Education Symposium**

**8:00 am – 12:00 noon**

Topic: Acute Phase Reactants and Proteomics in Veterinary Clinical Diagnostics

Session Chair: Bruce LeRoy

- 8:00-8:05 am** Introduction and Announcements
- 8:05-8:55 am** **Title:** ACUTE PHASE PROTEINS: FORM, FUNCTION, AND ANALYSIS  
**Speaker:** Dr. David Eckersall
- 8:55-9:45 am** **Title:** ACUTE PHASE PROTEINS AS BIOMARKERS OF DISEASE IN PRODUCTION ANIMALS  
**Speaker:** Dr. David Eckersall
- 9:45-10:15 am** REFRESHMENT BREAK
- 10:15-11:05 am** **Title:** ACUTE PHASE PROTEINS AS BIOMARKERS OF DISEASE IN COMPANION AND LABORATORY ANIMALS  
**Speaker:** Dr. David Eckersall
- 11:05 am-Noon** **Title:** PROTEOMICS: WHERE WE ARE AND WHERE WE NEED TO GO  
**Speaker:** Dr. Christine Olver
- Noon-1:30 pm** ASVCP CLINICAL PATHOLOGY TRAINEE RECEPTION (open to graduate students, residents, and ASVCP invited speakers)  
Sponsored by IDEXX Veterinary Services

**ACVP Natural Disease Specialty Group Session I<sup>†</sup>**

**8:00 am – 12:00 Noon**

Session Chair: K.J. Williams

**ACVP Mini-Symposium: Molecular Diagnostics<sup>†</sup>**

**8:00 am - 12:00 Noon**

Session Chairs: E.A.G. Blomme, K.S. McDorman

**ACVP/ASVCP Concurrent Session I: Work/Life Balance<sup>†</sup>**

**8:00 am – 12:00 Noon**

Session Chair: M.D. Lairmore

<sup>†</sup>See ACVP website ([www.acvp.org](http://www.acvp.org)) for details

**ASVCP Clinical Pathology Scientific Session I****1:30 p.m. – 4:30 p.m.**

Session Chair: Christine Olver

- 1:30-1:45 pm** TERMINOLOGY TO EXPRESS DIAGNOSTIC PROBABILITY: INTERPRETATION BY VETERINARY CLINICIANS AND EFFECT ON CLINICAL DECISION-MAKING  
M.M. Christopher, C.S. Hotz, S.M. Shelly, P. Pion  
Keyword: Cytology, Abstract # 1
- 1:45-2:00 pm** SERIAL BLOOD LACTATE CONCENTRATIONS AS PROGNOSTIC INDICATORS IN SYSTEMICALLY ILL DOGS  
C.K. Stevenson, B.A. Kidney, T. Duke, E.C.R. Snead, R.C. Mainar-Jaime, M.L. Jackson  
Keyword: Clinical Chemistry, Abstract # 2
- 2:00-2:15 pm** \*DEVELOPMENT OF A TECHNIQUE FOR QUANTIFICATION OF AVIAN RETICULOCYTES  
J.L. Johns, M.P. Shooshtari, M.M. Christopher  
Keyword: Hematology, Abstract # 3
- 2:15-2:30 pm** \*CANINE LYMPHOPROLIFERATIVE DISEASE CHARACTERIZED BY LYMPHOCYTOSIS: IMMUNOPHENOTYPIC MARKERS OF PROGNOSIS  
M. Williams, A. Avery, P. Avery  
Keyword: Hematology, Abstract # 4
- 2:30-2:45 pm** EVALUATION OF NEUTROPHIL FUNCTION IN TREATED AND UNTREATED TUMOR BEARING DOGS  
C.J. LeBlanc, A.K. LeBlanc, J.W. Bartges, S.A. Kania  
Keyword: Hematology, Abstract # 5
- 2:45-3:00 pm** \*DEVELOPMENT OF A FLOW CYTOMETRIC ASSAY TO DETECT ANTI-PENICILLIN ANTIBODIES IN EQUINE SERUM  
M. Ameri, M. Wilkerson, E. Davis, S. Clark-Price, M. Long  
Keyword: Hematology, Abstract # 6
- 3:00-3:30 pm** REFRESHMENT BREAK – VISIT POSTERS AND EXHIBITS
- 3:30-4:30 pm** **Title:** HEPICIDIN: THE PRINCIPAL IRON REGULATORY HORMONE IN HEALTH AND DISEASE  
**Invited speaker:** Dr. Tomas Ganz

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

Session Chair: Dennis Olexson

- 1:00-1:10 pm** INTRODUCTION  
Dennis Olexson
- 1:10-2:00 pm** IMAGINE THE POSSIBILITIES: SYSMEX XT-2000  
HEMATOLOGY ANALYZER—TECHNOLOGY AND CASE  
STUDIES  
P. Baranco, MA, MT(ASCP), Sysmex, Mundelein, IL
- 2:00-3:00 pm** TRANSPORT OF BIOLOGICS  
T. Duarte, MD, FedEx, Collierville, TN
- 3:00-3:30 pm** REFRESHMENT BREAK
- 3:30-4:30 pm** USE OF THE PFA-100 PLATELET FUNCTION ANALYZER AT  
THE ATLANTIC VETERINARY COLLEGE  
N. Clancey, DVM, Atlantic Veterinary College

**ACVP Specialty Group Sessions**see ACVP website ([www.acvp.org](http://www.acvp.org)) for details

- 1:30-5:00 pm** Experimental Disease Specialty Group Session I
- 1:30-5:00 pm** Natural Disease Specialty Group Session II
- 1:30-5:00 pm** Toxicologic Pathology Specialty Session I
- 4:30-6:00 pm** **ASVCP ANNUAL BUSINESS MEETING**
- 5:00-6:00 pm** ACVP Gross and Microscopic Examination Slide Review
- 6:00-7:30 pm** ACVP Town Meeting
- 7:30-10:00 pm** ACVP Neuropathology Mystery Slide Review and Case  
Presentations

**Monday, December 4, 2006****8:00am-Noon ACVP/ASVCP Joint Plenary Session:**

Topic: INNATE IMMUNITY AT MUCOSAL SURFACES

Session Chairs: M.R. Ackermann, T. Ganz

- 8:00-8:25 am** MUCOSAL INNATE IMMUNITY: INTRODUCTION AND PRE-TERM BIRTH DIFFERENCES  
M.R. Ackermann
- 8:25-9:15 am** DEFENSINS AS AGENTS OF MUCOSAL INNATE IMMUNITY  
C.L. Blevins
- 9:15-10:00 am** ROLE OF THE AIRWAY EPITHELIUM IN HEALTH AND DISEASE  
P.B. McCray, Jr.
- 10:00-10:30 am** REFRESHMENT BREAK
- 10:30-11:15 am** DEFENSINS DAMPEN THE MUCOSAL CYTOKINE RESPONSE TO MICROBIAL ANTIGENS  
K.A. Brogden
- 11:15 am-Noon** IF LUNG DEFENCES ARE THIS ADVANCED, WHY IS BROCHOPNEUMONIA SO PERVASIVE?  
J. Caswell

**Veterinary Laboratory Professionals****8:00 a.m. – 12:00 noon**

Session Chair: Dennis Olexson

- 8:00-9:00 am** FORCYTE—DUAL IMPEDENCE AND LASER METHOD COMPARISON AND TECHNICAL REVIEW  
E. Carver
- 9:00-10:00 am** LASER CYTE HEMATOLOGY ANALAYZER  
TBA (IDEXX)
- 10:00-10:30 am** REFRESHMENT BREAK
- 10:30 am-Noon** MEASUREMENT OF ACUTE PHASE PROTEINS AS BIOMARKERS OF DISEASE  
D. Eckersall

12:15-1:15 pm      **ACVP CLINICAL PATHOLOGY EXAMINATION SLIDE REVIEW**

-----**ASVCP and VLP FREE AFTERNOON**-----

1:00 pm            **Optional Tours** (pre-registration required)

5:15-6:45 pm      **ASVCP RECEPTION (members only)**  
Presentation of the 2006 ASVCP Lifetime Achievement Award

7:00-9:00 pm      ACVP Mystery Slide Seminar and Case Presentations: Respiratory Pathology

### ***Tuesday, December 5, 2006***

#### **ACVP/ASVCP Concurrent Sessions**

See ACVP website ([www.acvp.org](http://www.acvp.org)) for details

8:00 am-Noon      ACVP/ASVCP Concurrent Session II: FROM LAB TO LABRADOR: TRANSLATIONAL ONCOLOGY IN VETERINARY MEDICINE  
Session Chair: L.J. Rush

8:00 am-Noon      ACVP/ASVCP Concurrent Session III: THYMIC DISORDERS  
Session Chair: C.M. Johnson

#### **ASVCP Clinical Pathology Scientific Session II**

**8:00 am – 12:00 noon**

Session Chair: Christine Olver

8:00-8:15 am      \*EVALUATION OF A MILLIPORE FILTER METHOD FOR PREPARATION OF CYTOLOGIC SPECIMENS  
N. Weinstein, A. Billings, R. Patel  
Keyword: Cytology, Abstract # 7

8:15-8:30 am      \*HEMOPLASMAS IN DOMESTIC CATS AND POSSIBLE ASSOCIATION TO FELINE IMMUNODEFICIENCY VIRUS (FIV) AND/OR FELINE LEUKAEMIA VIRUS (FELV) IN NATURALLY INFECTED ANIMALS  
D.B. Macieira, R.C.A.A. Menezes, C.B. Damico, N.R.P. Almonsy, H. McLane, J.B. Messick  
Keyword: Infectious Disease, Abstract # 8

- 8:30-8:45 am** \*CORRELATION BETWEEN CYTOPATHOLOGIC AND HISTOPATHOLOGIC DIAGNOSES OF BONE LESIONS  
I. Berzina, L.C. Sharkey, S.P. Hammel, B. Kramek  
Keyword:Cytology, Abstract # 9
- 8:45-9:00 am** \*CLASSIFICATION OF 50 CASES OF FELINE GASTROINTESTINAL LYMPHOMA  
L.M. Pohlman, M.L. Higginbotham, E.G. Welles, C.M. Johnson  
Keyword: Hematopoietic System, Abstract # 10
- 9:00-10:00 am** **Title:** THE ROLE OF ANTIMICROBIAL PEPTIDES IN INNATE IMMUNITY  
**Invited Speaker:** Dr. Tomas Ganz
- 10:00-10:30 am** REFRESHMENT BREAK - VISIT POSTERS AND EXHIBITS
- 10:30-10:45 am** \*FINE NEEDLE ASPIRATION OF MAMMARY TISSUE IN DETECTING BENIGN AND MALIGNANT LESIONS  
B. Karim, J. Landolfi, J. Dicello, D. Huso  
Keyword:Cytology, Abstract # 11
- 10:45-11:00 am** \*ONCOLYTIC THERAPY IN ATL THROUGH HEAT SHOCK PROTEIN INDUCTION AND MEASLES VIRUS CO-INFECTION  
C. Parrua, B. Zimmerman, D. Blanden, M. Lairmore, S. Niewiesk  
Keyword: Hematopoietic System, Abstract # 12
- 11:00-11:15 am** \*DIAGNOSING LYMPHOID HYPERPLASIA VS. LYMPHOMA IN CANINE SPLENIC ASPIRATES  
M. Williams, A. Avery, C.S. Olver  
Keyword: Cytology, Abstract # 13
- 11:15-11:30 am** \*DRUG-INDUCED HEMOLYTIC ANEMIA IN A CAT  
L.A. Snyder, A.J. Birkenheuer, J. Neel, C.B. Grindem  
Keyword: Hematology, Abstract # 14
- 11:30-11:45 am** \*10-BASE-PAIR DELETION ASSOCIATED WITH GLANZMANN THROMBASTHENIA IN A COMPOUND HETEROZYGOTE QUARTER HORSE MARE  
P.W. Christopherson, V.L. van Santen, M.K. Boudreaux  
Keyword: Hematology, Abstract # 15

**11:45 am-12 noon** MYCOPLASMA HAEMOPHILIS AND CANDIDATUS  
 MYCOPLASMA HAEMOMINUTUM DETECTION BY PCR IN  
 ANEMIC DOMESTIC CATS (FELIS CATUS) FROM CURITIBA,  
 BRAZIL: A PRELIMINARY STUDY  
 A. Baumann, A.M.S. Guimaraes, C.C. Silva, M. Yamaguti, D.A.  
 Kozemjakim, J.B. Messick, A.W. Biondo, J. Timenetsky  
 Keyword: Infectious Disease, Abstract # 16

\*Competitor for the ASVCP Young Investigator Award (platform competition)

### **Veterinary Laboratory Professionals**

**8:00 am – 12:00 Noon**

Session Chair: Dennis Olexson

**8:00-10:00 am** OVERVIEW OF THE BAYER ADVIA HEMATOLOGY ANALYZER  
 N. Lavon, D. Zelmanovic

**10:00-10:30 am** Refreshment Break

**10:30 am-12 noon** DO CHEMILUMINESCENCE ASSAYS WORK IN THE  
 VETERINARY LABORATORY?  
 T. Robbins

### **ASVCP Case Review Session**

**1:30 pm** Presentation of the ASVCP Young Investigator Award

**1:30-5:00 pm** CASE PRESENTATIONS  
 Moderator: Melinda Wilkerson  
 (Schedule available later)

### **ACVP Specialty Group Sessions**

see ACVP website ([www.acvp.org](http://www.acvp.org)) for details

**1:30-5:00 pm** Diagnostic Pathology Specialty Group Session

**1:30-5:00 pm** Education Specialty Group Session

**1:30-5:00 pm** Experimental Disease Specialty Group Session II

**1:30-5:00 pm** Toxicologic Pathology Specialty Group Session II

- 1:30-3:30 pm ACVP Congress
- 5:15-6:30 pm ACVP Business Meeting
- 7:00-9:00 pm **ACVP Presidential Reception**  
All attendees are invited!!!

***Wednesday, December 6, 2006***

**ACVP/ASVCP Concurrent Sessions<sup>†</sup>**

- 8:00 am-Noon ACVP/ASVCP Concurrent Session IV: HEMOSTASIS  
Session Chair: D. Bounous
- 8:00 am-Noon ACVP/ASVCP Concurrent Session V: STEM CELLS  
Session Chair: D.F. Kusewitt
- 8:00 am-Noon **Mini-symposium: ARTERIVIRIDAE: EQUINE VIRAL ARTERITIS,  
PRRS AND THE PRRS-CIRCOVIRUS DILEMMA**  
Session Chair: F. Del Piero

**Post-meeting Workshops<sup>†</sup>**

- 1:00-5:00 pm Post-meeting Workshop I: EMERGING TECHNOLOGY, VIRTUAL  
SLIDES  
Session Chair: B.H. Williams
- 1:00-5:00 PM Post-meeting Workshop II: ENVIRONMENTAL HEALTH AND  
PATHOLOGY OF WILDLIFE  
Session Chair: S.D. Fitzgerald

<sup>†</sup>See ACVP website ([www.acvp.org](http://www.acvp.org)) for details

## **2006 ASVCP “Teaching Clinical Pathology” Session Preview**

### **Clinical Pathology Residency Training for Careers in Industry**

Our annual “Teaching Clinical Pathology” discussion forum will be held on Saturday, December 2<sup>nd</sup>, 6:00-8:00 pm. This year’s topic is important to all those who are involved in residency training, and will provide valuable insight from ASVCP members who work in industry.

Drs. Denise Bounous and Nancy Everds will present their perspectives on the functions and job responsibilities of veterinary clinical pathologists in the industry arena. The discussion forum will be centered on whether or not residency programs address training for clinical pathologists in an industry setting and how the skill sets needed in this setting can be incorporated into programs where needed. Dr. Bounous has recently joined Bristol-Myers Squibb. Dr. Everds is the past president of the Society for Toxicologic Pathology and participated in the formation of the ACVP/STP coalition for veterinary pathology fellows.

Please come prepared to participate in this important discussion session, which promises to generate useful ideas regarding residency training!

--Discussion topic information provided by Sharon Dial

## **ASVCP Committee Updates**

### **Quality Assurance and Standards Committee**

The Quality Assurance and Standards Committee met by teleconference on June 2 and discussed further edits and additions to the QC Guidelines. An invitation to solicit questions or problems concerning Immunoassays was sent out via the Listserv. These will be forwarded to Dr. Asger Jensen in September so they can be incorporated into the ASVCP Pre-meeting Workshop in December. The following is a copy of that e-mail:

Dear Colleagues, below you will find the announcement for the 2006 ASVCP Pre-meeting Workshop, to be held Saturday, Dec. 2 in Tucson. Dr. Jensen and the QA&S committee invite you to submit questions and problems concerning immunoassays prior to attending this workshop. Kristen Friedrichs (QA&S chair) will accumulate and forward these to Dr. Jensen in September so that he can incorporate them into his

presentation. Please send all questions/problems to Kristen Friedrichs at [friedrik@svm.vetmed.wisc.edu](mailto:friedrik@svm.vetmed.wisc.edu). Thank you and see you in Tucson!

### **2006 ASVCP Pre-meeting Workshop**

**IMMUNOASSAYS: Validation and Quality Control.** The ASVCP and the QA&S Committee are pleased to welcome Dr. Asger Jensen as the invited speaker for the 2006 Pre-meeting Workshop. Assays based on immunologic principles have become a mainstay in diagnostic medicine and investigative research. With ongoing advances in specificity, sensitivity and methodology, new applications for immunologic-based assays continue to arrive on the scene. Dr. Jensen will begin the workshop by providing an overview of the analytical principles of immunoassays focusing on the ELISA method. Building on this foundation, he will then thoroughly explore the four phases of immunoassay validation. Dr. Jensen will finish with recommendations for establishing quality control procedures for immunoassays and what to do when QC procedures fail.

Dr. Jensen comes to us from the Royal Veterinary and Agricultural University in Copenhagen, Denmark where he is a professor of Veterinary Clinical Pathology and Director of the Central Laboratory. His two doctoral theses are on the clinical chemical diagnosis of liver disease and the validation of assays for the diagnosis of liver and endocrine disorders. He holds diplomate status in both the European College of Veterinary Internal Medicine-Companion Animals and the European College of Veterinary Clinical Pathology. Dr. Jensen brings a wealth of knowledge and experience in validation, quality control, inflammation, endocrinology, hemostasis and veterinary clinical pathology. Please join us in welcoming Dr. Jensen and plan on going home with the tools you need to employ and maintain immunoassays within your diagnostic setting.

--Submitted by Kristen Friedrichs, Committee Chair

### **Development Committee**

We are pleased to welcome new committee member Kelley Penraat of Schering Plough. New members are always welcome – we're especially trying to recruit more representative members from pharma and contract research. Please contact Mike Fry if you're interested.

### **Corporate giving**

The ASVCP has received a total of \$20,000 in corporate contributions thus far in 2006, from the following companies:

Abaxis  
AniLytics  
Abbott Labs  
Bristol-Myers Squibb

Eli Lilly  
GlaxoSmithKline  
Merck  
Novartis (new donor in 2006)  
MPI  
Schering Plough

We expect to receive several additional corporate gifts in 2006. We are continually working to find new corporate donors. Please contact a committee member if you have any ideas regarding corporate giving. A list of corporate donors in 2005 is available on the ASVCP website (<http://www.asvcp.org/pages/sponsors.html>).

### **Share the Future campaign**

The initial response to our fundraising mailing sent in July has been excellent. As you know, this campaign is specifically targeted to support trainees and promote clinical pathology among veterinary students. We can meet all of our funding objectives with an annual budget of \$12,000. We would easily reach that goal if every ASVCP member made a donation of \$25 per year. Provided we receive adequate support, we will begin funding our objectives in 2007.

- ✓ If you have already given to Share the Future this year – thank you!
- ✓ If you have not given this year but would like to, you can download a reply form and mailing instructions from the ASVCP website ...

<http://www.asvcp.org/pages/2006%20STF%20Reply%20Form.pdf>

... or use the reply form and envelope that will be included with the next issue of the journal.

- ✓ If your company is interested in sponsoring Share the Future, please contact Mike Fry or Paula Krimer.

## **Executive Board News**

In addition to the Executive Board Meeting and Annual Business Meeting sessions held during the Annual Meeting of the ASVCP, the members of the ASVCP Executive Board correspond regularly throughout the year, using electronic mail and teleconferences to accomplish the Society's business. Since publication of ASVCP Newsletter #2, 2006 (May issue), several decisions have been made by majority vote of the Board members. A hematology training guideline document put forth by the Education Committee for publication in *Veterinary Clinical Pathology* was approved. We approved electronic voting for our officer election. Paper ballot voting will still be available for those who do not have the means to vote electronically, or who simply prefer to vote by paper ballot.

Motions have been passed to increase our annual membership dues and to increase the individual non-member subscription rate for *Veterinary Clinical Pathology*. Effective for 2007, dues will be \$100 for US members, \$110 for international members, and \$60 for student members (up from \$88, \$99, and \$55, respectively). The 2007 individual non-member subscription rate for the journal will be \$110 in the US, and \$120 for international subscribers. We passed a motion to increase the registration fee for the ASVCP Pre-meeting Workshop to \$275. We voted to increase the cost of the Case Review Session slide sets from \$65 to \$75 for members in North America, and from \$75 to \$100 for members outside North America.

Applications have been accepted for nine new members. They are: Rannon Benott, Mark Dunbar, Amnon Farkas, Britton John Poete Grasperge, Fred Metzger, Tisha Ann Posey, Cleverson D. Souza, Marianne Swintosky, and Lindsay Tomlinson. A hearty welcome to our newest members!

## Announcements

**CONTACT INFORMATION FOR ASVCP NATIONAL OFFICE:** 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](mailto:info@asvcp.org).

**Electronic Newsletters:** Paper copies of the newsletters are no longer mailed to all ASVCP members. Those 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](mailto:info@asvcp.org)) or Secretary Marlyn Whitney ([whitneym@missouri.edu](mailto:whitneym@missouri.edu)). Those members without e-mail access will continue to receive paper copies of the newsletter.

**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; Email: [info@asvcp.org](mailto:info@asvcp.org); FAX 608-443-2474 or 608-443-2478.

**ASVCP Newsletter and/ or Website Submissions:** If you have any material of interest to post in the newsletter or on the ASVCP website ([www.asvcp.org](http://www.asvcp.org)), please contact the ASVCP Secretary, Marlyn Whitney, at D102 Veterinary Medical Diagnostic Lab, University of Missouri, Columbia, MO 65211; Email: [whitneym@missouri.edu](mailto:whitneym@missouri.edu), or contact the ASVCP National Office at 2810 Crossroads Drive, Suite 3800, Madison, WI 53718; Email: [info@asvcp.org](mailto:info@asvcp.org).

**ASVCP Membership Application:** Member application forms are available at the ASVCP website ([www.asvcp.org](http://www.asvcp.org)), by contacting ASVCP Secretary Marlyn Whitney at [whitneym@missouri.edu](mailto:whitneym@missouri.edu), or by contacting the ASVCP National office at 2810 Crossroads Drive, Suite 3800, Madison, WI 53718; phone 608-443-2479; Email: [info@asvcp.org](mailto:info@asvcp.org).

**ASVCP Website Additions:** new links have been added to the ASVCP website: the Division of Animal Clinical Chemistry ([www.aacc.org/divisions/animal/default.stm](http://www.aacc.org/divisions/animal/default.stm)), the canine histiocytosis information page at UC-Davis ([www.histiocytosis.ucdavis.edu](http://www.histiocytosis.ucdavis.edu)), the Veterinary Laboratory Association ([www.vetlabassoc.com](http://www.vetlabassoc.com)), the Westgard QC home page ([www.westgard.com](http://www.westgard.com)), and the Veterinary Hematology and Transfusion Medicine site ([www.vetmed.wsu.edu/org-AVHTM/index.asp](http://www.vetmed.wsu.edu/org-AVHTM/index.asp)).

**VIN Access to VLP Articles:** VIN now has direct links to *Veterinary Clinical Pathology* articles on their website. VIN ([www.vin.com](http://www.vin.com)) is a veterinary information website used extensively by clinicians as well as a

variety of internists and other clinical specialists. You should have received an e-mail instructing you on accessing VCP articles from the ASVCP website or the journal website.

## Upcoming Meetings

**European Society of Veterinary Clinical Pathology Main Annual Congress and Annual General Meeting:** September 5-8, 2006, Cambridge, UK. For more information, go to [www.esvcp.com](http://www.esvcp.com).

**ESVCP (European Society of Veterinary Clinical Pathology) Day:** to be held in conjunction with the **European College of Veterinary Internal Medicine meeting**, September 14-16, 2006, Amsterdam, the Netherlands. For more information, go to [www.esvcp.com](http://www.esvcp.com).

## Job Opportunities

**Director of Compound Management (Project Management in Safety Assessment):** Merck & Co. Inc., established in 1891, is a global research-driven pharmaceutical company dedicated to putting patients first. Join us and experience our culture first-hand – one of strong ethics & integrity, diversified experiences and a resounding passion for improving human health. As part of our global team, you'll have the opportunity to collaborate with talented and dedicated colleagues while developing and expanding your career. Responsible for the pre-clinical safety evaluation of Merck Research Laboratories development programs on Preclinical Candidate Compounds (PCC). In this capacity, the Director is responsible for the management, coordination, and oversight of all aspects of the toxicity testing required for supporting approved development on PCCs through registration of the therapeutic agent. The Director will be directly responsible for management of 5 to 10 compounds and have responsibility for overseeing the work of 3 to 8 Compound Managers. The Director will work independently and may consult with senior management on more complex projects. Independently manages projects with significant scope.

As the Safety Assessment representative to the MRL compound development teams, the Director must address all concerns of the team in regards to Safety Assessment including issues of compound requirements, timing for studies, study design & duration, formulation and purity issues of drug product and substance, toxicity profile of compound, guidance on clinical study design base on toxicity profile, studies to address mechanisms of toxicity and regulatory concerns related to the preclinical toxicity program of PCCs. The Director is also responsible for attending all outside meetings, requiring a Safety Assessment representative including Consultants meetings, Investigators meetings, and Inter-Regulatory Agency meetings for discussions related to the development or registration of the PCC.

Requires a MD, DVM and/or PhD degree from an accredited college or university with graduate and/or post-graduate work in Toxicology, Pathology, or related field. Preferred candidate will have specialized training in the field of Toxicology. Requires 5 or more years experience in Toxicology or related field with demonstrated compound and people management responsibilities and experience as responsible investigator for various aspects of preclinical safety assessment studies.

Consistently cited as a great place to work, we discover, develop, manufacture and market a wide range of vaccines and medicines to address unmet medical needs. Each of our employees is joined by an extraordinary sense of purpose – bringing Merck's finest achievements to people around the world. We offer an excellent salary and an industry-ranked benefits program, including tuition reimbursement, work-life balance initiatives and developmental programs at all levels. Merck's retirement package includes a pension plan and one of the best 401(k) plans in the nation.

To be considered for this position, please visit our career site at [www.merck.com/careers](http://www.merck.com/careers) to create a profile and submit your resume for requisition # SCI002793. Merck is an equal opportunity employer, M/F/D/V – proudly embracing diversity in all of its manifestations.

Our work is someone's hope. Join us. Where patients come first – Merck

**Clinical Pathologist:** The primary responsibility of the incumbent will be to work with a global team to develop and promote immunological assays and immunotoxicological approaches for hazard identification and risk assessment, especially as it pertains to hematotoxicity in non-human primates and other non-rodent and rodent species. In addition, the incumbent will also be involved in the generation and evaluation of clinical pathology data and writing clinical pathology contributions for toxicology and research support studies. Other responsibilities will include supervision of bench scientists, contributing to departmental goals and interacting globally to ensure global information exchange concerning clinical pathology issues in drug development (expert network).

A DVM (or equivalent degree) and PhD or ACVP certification in clinical pathology are essential. The candidate should also have good communication skills and the ability to work independently under minimal supervision.

Interested candidates should apply online to the Novartis website, [www.novartis.com/careers/en/job\\_search](http://www.novartis.com/careers/en/job_search); Code 9127

**Residency in Veterinary Clinical Pathology:** The Department of Pathobiology, College of Veterinary Medicine, University of Tennessee, is accepting applications for a 3-year residency in veterinary clinical pathology with a starting date of July 1, 2007. The residency is designed to fulfill training requirements and eligibility for board certification by the American College of Veterinary Pathologists. Training will emphasize diagnostic cytology, hematology, and clinical chemistry. Opportunities are also readily available for training in surgical biopsy and general pathology, and for involvement in research. The resident will participate in diagnostic service, teaching of veterinary students, journal clubs, and seminars, and will be encouraged to attend and present at national meetings and write manuscripts for publication. The Department of Pathobiology currently has three boarded clinical pathologists and six anatomic pathologists. Our diagnostic service is supported by a diverse case load with submissions from within the teaching hospital and from outside practices, a well-equipped laboratory, and ancillary resources including in-house immunohistochemistry and flow cytometry. In addition to faculty pathologists, our department has basic research faculty with programs in cancer biology, cardiovascular disease, Alzheimer's disease, and virology (funding sources include NIH, Phillip Morris Foundation, and National Science Foundation). Candidates for the position must have a DVM or equivalent degree. An internship or practice experience is desirable. Salary is competitive. Applications should include curriculum vitae, statement of professional goals, veterinary school transcript, and a list of three references, and should be sent to: Dr. Michael M. Fry, Department of Pathobiology, College of Veterinary Medicine, University of Tennessee, 2407 River Drive, Knoxville, TN, 37996-4542. Informal inquiries are welcome. More information about the program here, and about programs at other institutions, is available on the ASVCP website ([www.asvcp.org](http://www.asvcp.org)). More information can also be found on our departmental website (<http://www.vet.utk.edu/departments/path/>). The application deadline is December 1, 2006, but applications will be accepted after then if the position is not filled. The University of Tennessee is an EEO/AA/Title VI/Title IX/Section 504/ADA/ADEA employer.

**Clinical Instructor in Veterinary Clinical Pathology:** The Department of Veterinary Biosciences at The Ohio State University is seeking an instructor in clinical pathology. The position has a 70% service/teaching obligation with the remaining 30% available for other scholarly activity and would be ideal for someone wishing to gain additional diagnostic pathology experience with a wide variety of animal species. The appointment will be for a 1 year term renewable up to 3 years.

Service/teaching responsibilities include participation in the diagnostic pathology service for the Teaching Hospital, training of residents, and instruction of veterinary students. Remaining time can be spent in self-selected scholarly pursuits such as advanced training in a specialty interest area, research, or preparation for ACVP board certification.

Clinical pathology instructors are provided excellent advanced training opportunities in clinical chemistry, cytology, hematology, immunology, surgical pathology, and molecular biology and are directly involved in the teaching and diagnostic services of the clinical pathology laboratories. This program provides support services for the large caseload from the Veterinary Teaching Hospital, regional practitioners, and the Columbus Zoo. A DVM from an AVMA-accredited or equivalent institution and at least 2 years of clinical pathology residency training under a board certified veterinary clinical pathologist are required. Salary and generous benefits are highly competitive and consistent with the experience of the applicant. Interested individuals should submit a curriculum vita, statement of career goals, and three letters of reference to Dr. Judy Radin, Department of Veterinary Biosciences, Ohio State University, 1925 Coffey Road, Columbus, OH 43210-1092. Review of applications will begin immediately and continue until a suitable applicant is selected. For more information, contact Dr. Radin at (614)292-4266, [radin.1@osu.edu](mailto:radin.1@osu.edu) or visit the department website, [www.vet.ohio-state.edu](http://www.vet.ohio-state.edu). The Ohio State University is an AA/EOE.

**Clinical Pathologist:** IDEXX is a worldwide leader in innovative products and services for veterinary, food and water applications. Our [companion animal](#) and [equine](#) businesses combine biotechnology with medical devices and information technology to support veterinarians' efforts in providing excellent care while building successful practices. Our food and water businesses employ efficient technologies for [livestock/poultry](#) monitoring and ensuring the safety of [public water](#) and [milk](#)

We currently have an opening for a Clinical Pathologist in our Portland, OR lab. Our Clinical Pathologist is responsible for providing clients with diagnostic evaluations in the area of clinical pathology. The area of clinical pathology is to include but not be restricted to cytopathology, body fluid analyses, CBC reviews, serum protein electrophoresis reviews, and chemistry review.

The Clinical Pathologist is also responsible for consultation with the clients regarding interpretation of laboratory data and maintaining client satisfaction by responding to client inquiries of testing procedures and results. Responsibilities will also include active participation with the Chief Clinical Pathologist and the laboratory manager to ensure the quality of results in the laboratory and participation in the development of new tests for laboratory use.

Work in conjunction with other anatomical and clinical pathologists to allow optimum turn around time of client submissions. Will report to the Regional Head Clinical Pathologist. A high level of importance is placed on quality, service, and timeliness.

The pathologist is expected to promote the growth of IDEXX Reference Laboratories by actively participating in pathologist meetings and professional contact with clients.

The position is salaried with fulltime 5-day workweek. A DVM (or equivalent degree) and PhD or ACVP certification in clinical pathology is preferred.

Interested candidates should apply online to the IDEXX website at <http://jobs.idexx.com/idexx/jobboard/SearchPositions.asp?ShowJobID=2170&Keywords=>

**Residency Training in Clinical Pathology.** The University of California-Davis and IDEXX Veterinary Services, Inc. are pleased to announce a joint residency position in Veterinary Clinical Pathology available August 1, 2007. The 3-year program is designed to fulfill training requirements and eligibility for board certification in veterinary clinical pathology. Training emphasizes analytical and interpretive skills in diagnostic laboratory medicine (hematology, clinical chemistry, cytology, surgical pathology); basic

principles of pathophysiology and disease; and quality control, instrumentation and laboratory data management. The resident will be based in the UC Davis Veterinary Medical Teaching Hospital for the first year, and provide direct service and consultation to clinicians, technicians, residents, and students under the supervision of 5 board-certified clinical pathologists. The final two years of training will be split between UC Davis and IDEXX Laboratories in West Sacramento, a 20-minute drive from Davis. At IDEXX, the resident will interact with 7 board-certified clinical pathologists and other board-certified specialists in a high-caseload environment with an emphasis on diagnostics and consultation. Throughout training, the resident will participate in rounds and seminars, contribute to publication of case material, and design and carry out an original clinical research project. Residents also will participate in teaching hematology and clinical pathology to 1st-, 2nd- and 4th-year veterinary students. Candidates with a career interest in diagnostic clinical pathology are especially encouraged to apply. Strong oral communication skills are desirable. Minimum qualifications are graduation from a school of veterinary medicine and one-year of internship or equivalent practice experience. Starting salary is \$34,752, plus benefits. Continuation to subsequent years is contingent upon satisfactory performance. Applicants should submit a statement of career goals, curriculum vitae, veterinary school transcripts, and three letters of recommendation to: Resident Affairs Coordinator, Room 2019, Veterinary Medical Teaching Hospital, University of California, Davis, CA 95616. Contact Dr. Mary Christopher (mmchristopher@ucdavis.edu) with questions or for further information. *The deadline for receipt of application materials is December 1, 2006.* The University of California is an equal opportunity employer committed to a campus climate that supports equality and respect for differences based on gender, cultural ethnicity, disability, and sexual orientation.

**Residency Training in Veterinary 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 residency program emphasizes 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 are eligible for continued salary support following the residency. Research areas within the department include hemostasis, liver toxicology, host/pathogen interactions, 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 \$30,000 per year with medical and retirement benefits. The starting date is July 1, 2007. Review of applications will begin December 1 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 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.

**Veterinary Clinical Pathologist:** The Department of Veterinary Pathobiology, Texas A&M University, invites applicants for a faculty position in veterinary clinical pathology at the assistant, associate, or full professor level. The position requires a DVM degree and ACVP board certification or eligibility. A PhD or MS degree or equivalent research or scholarly experience is preferred, but not required. The successful candidate will join a dynamic team that includes three clinical pathology faculty and up to three clinical pathology residents. Duties will include providing diagnostic service, teaching, and maintaining a

productive independent or collaborative research program. The division of duties is negotiable at a level consistent with the candidate's strengths and interests. Appointees to a tenure-track position should establish and maintain an extramurally funded research program complementing existing research in mechanisms of infectious and metabolic disease and/or genetics of host resistance. 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. Academic disciplines in Pathobiology include microbiology/virology, pathology, parasitology, immunology, biochemistry, and genetics. Departmental graduate programs include Pathology, Microbiology, and Parasitology. Department faculty and graduate students also participate in the campus-wide Interdisciplinary Programs of Virology, Genetics, Toxicology, Nutrition and Neuroscience. Salary and start up 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 of 3 references should be sent to Ms. Cynthia Voelker for the attention of: Dr. Karen E. Russell, Chair of the Clinical Pathology Search Committee, Department of Veterinary of Pathobiology, College of Veterinary Medicine & Biomedical Sciences, Texas A & M University, 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.*

**Orders for 2006 ASVCP Case Review Sets**

The 2006 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 2006 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 September 29, 2006**. After September 29, 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.

**2006 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 2006 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:

ASVCP National Office  
 ATTN: Case Review Sets  
 2810 Crossroads Drive, Ste. 3800  
 Madison, WI 53718