



NEWSLETTER

AMERICAN SOCIETY FOR VETERINARY CLINICAL PATHOLOGY

May 2005

Newsletter #2

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Important Dates

June 1, 2005	ASVCP/ACVP Annual Meeting Abstracts due
July 1, 2005	ASVCP Annual Case Review submissions due
December 3-7, 2005	Annual ASVCP/ACVP Meeting, Orlando, Florida
December 4, 2004	ASVCP Annual Business Meeting, Orlando

President's Message:

Greetings, ASVCP colleagues,

For most of the year, our Society, the ASVCP, runs smoothly in the background of our lives. We tend to pay attention to it in short spurts--around the time of the annual meeting, when a new issue of the *Veterinary Clinical Pathology* journal comes out, and when there is a particularly good, pertinent discussion on the ASVCP list-serv.

To make sure that these and other ASVCP benefits continue to serve us all as efficiently as they now do, there are a few important things that each of us, as members of the organization, should consider doing:

1. Vote for President-elect and first year executive board member. These are important positions and all of us should participate in electing the people that will fill them. We are heading in the direction of electronic voting, which will make this a bit easier in years to come, but for now, look for that ballot in the mail and don't delay in making your choices and sending it back.

2. Submit an abstract for the Clinical Pathology specialty section or a case for the ASVCP case review section of the annual meeting. This is the way we share our knowledge, our research, and our interesting cases.

3. Mark your calendar to attend the annual meeting December 3-7, 2005. This issue of the Newsletter gives you a preview of the great program that will be presented in Boston (see the Program Committee report). From the pre-meeting workshop on assessing drug-induced toxicity, the education symposium on endocrinology testing, and the scientific sessions addressing the pathophysiology of stress (a topic we can undoubtedly all relate to), to the always practical and interesting Veterinary Laboratory Professional topics, there will be a wide variety of information of interest to everyone. In addition, the popular case review session and 40th anniversary celebration will make this meeting one you won't want to miss.

4. Consider contributing to the Share the Future campaign which will allow our Society to grow and prosper. Individual contributions at all levels are important to our Society and make us better able to help you in your professional career. Don't feel that you have to choose one of the set options on the contribution card. We welcome any contribution! We have been asked why individual contributions are being sought when we have a healthy reserve account. The reserve account is money that needs to be set aside for emergencies or unexpected financial problems. Our account is actually not as large as it needs to be by the usual organizational standards. In order to be a fiscally responsible organization, we need to maintain and increase the reserve account and then we can use any additional funds to develop new programs and initiatives. Corporate donations are down this year so far, so individual contributions are more valuable than ever.

Thanks for your support of this organization in many different ways!

Best wishes to all.
Sue Tornquist
ASVCP President

ASVCP Election

Election of Officers and Voting on a Proposed Constitutional Amendment

This year we are electing two officials of the ASVCP: President-Elect and First Year Executive Board Member. This year's candidate for President-elect is Dr. Christine Olver. The candidates for First Year Executive Board Member are Drs. Philip Solter and Melinda Wilkerson. Each candidate has provided a biography (see following pages). All ASVCP members eligible to vote should receive a ballot in the mail in the near future. As was reported in the December, 2004 Newsletter (see "Proposed Amendment to the ASVCP Constitution" in that issue), the Executive Board has decided that the Society needs to move toward electronic voting, and in accordance with this, an amendment to our Constitution has been proposed. The proposal is that Article VI, Section I of our Constitution will be amended to read (*italics indicate words added*): "The Executive Board shall be composed of the officers, and two members elected by mail *or electronic* ballot and installed at the annual meeting." The vote regarding the proposed amendment will be accomplished with the same paper ballot used to conduct this year's officer election. All completed ballots for ASVCP officers and the amendment vote must be postmarked by July 15, 2005.

CANDIDATE BIOGRAPHIES

Candidate for President-Elect



Dr. Christine S. Olver: ASVCP member since 1989. Education: DVM Ohio State University 1987, PhD Ohio State University 1994. Diplomate, ACVP 1993. Christine's professional experience includes an internship in small animal medicine and surgery at the Animal Medical Center in New York City, New York and residency training in clinical pathology at OSU. She has been an Assistant Professor of Clinical Pathology at the College of Veterinary Medicine and Biomedical Sciences, Colorado State University since 1994. She was chair of the Clinical Pathology Specialty Section, 48th Annual Meeting of the ACVP in Albuquerque, NM in 1997 and has been on the ASVCP Membership Committee since 1999. Her research interests include host cell-parasite interactions in murine malaria infections, malarial anemia, molecular markers of lymphoma and measuring iron status in small animals.

Candidates for First Year Executive Board Member



Dr. Philip Solter: ASVCP member since 1990. Education: BS in Zoology California State Polytechnic University at Pomona 1977, DVM University of California at Davis 1982, PhD University of Illinois at Urbana-Champaign (UIUC) 1994. Diplomate ACVIM 1991, Diplomate ACVP 1995. Professional experience: Internship in small animal medicine and surgery at the Animal Medical Center in New York, Residency training in Small Animal Medicine at the Animal Medical Center in New York, Residency training in Clinical Pathology at UIUC. Private small animal medicine specialty practice for 2 years. Clinical Pathologist in the University of Illinois Veterinary

Diagnostic Laboratory for 9 years. Current position: Associate Professor of Clinical Pathology at UIUC. Course coordinator and primary lecturer in the course, *Veterinary Clinical Pathology* taught during the second year of instruction. Professional interests: Veterinary clinical chemistry interpretation and assay development. Past research interests: Mechanisms of induction and release of hepatic alkaline phosphatases. Pathologic effects of toxins causing hepatic protein phosphatase inhibition. Current research interests: Characterization of plasma markers of cardiac disease in nonhuman species.



Dr. Melinda Wilkerson: ASVCP member since 2000, ACVP member since 1996 and Diplomate of ACVP, anatomical (1996) and clinical pathology (2003). Educational background: BS in Life Sciences, Southwest Missouri State University at Springfield Missouri, 1981, ASCP certified in Medical Technology from the St. John's School of Medical Technology, Springfield, Missouri, 1982 and worked as a medical technologist from 1982 to 1986. Graduated from the College of Veterinary Medicine at University of Missouri-Columbia in 1989 with DVM and MS (veterinary pathology) degrees. Completed an anatomic pathology residency and PhD degree in veterinary science at

Washington State University in 1994 and worked as a diagnostic pathologist for the Washington State Animal Disease Diagnostic Laboratory, 1994 – 1996. Employed at the College of Veterinary Medicine, Kansas State University (KSU), since 1996. Current position is Associate Professor in the Department of Diagnostic Medicine/Pathobiology. Director of the Clinical Immunology/Flow Cytometry facility at KSU, course coordinator for Principles of Veterinary Immunology and Theory and Applications of Flow Cytometry. Actively participates in the clinical pathology residency training program at KSU. Research and professional interests are immunopathology of host-agent interactions, characterization of hemic neoplasia, and flow cytometric assay development in veterinary medicine. Serves on the membership committee and nomination committee of the ASVCP and editorial board of *Veterinary Clinical Pathology*.

Call for ASVCP/ACVP Meeting Abstracts

Second Call for Abstracts

The next concurrent meeting of the ASVCP and the ACVP will be held December 3-7, 2005, in Boston, Massachusetts. There will be a combined ASVCP/ACVP Clinical Pathology Scientific Session for everyone that has interest in clinical pathology. The format will be similar to that of the 2004 annual meeting. This will be a great opportunity to present experimental or clinical research data to colleagues, and we will have both oral platform and poster presentations. The final decision regarding presentation format is at the discretion of the program committee. We encourage participation by a wide variety of individuals including faculty, senior scientists, diagnostic veterinary pathologists/clinical pathologists, and trainees. Presenters are required to attend the meeting.

All abstracts must be submitted electronically no later than midnight on **June 1st, 2005**. Click on the 2005 Call for Abstracts submission information link to access abstract instructions and the electronic submission site on the ACVP website at <http://www.acvp.org/meeting/>. Be sure to select ASVCP/Clinical Pathology as your section preference.

ASVCP Young Investigator Award

The ASVCP will present a \$500 award to the resident or graduate student whose platform presentation is judged best among the competing presentations. Eligibility requirements include:

- A degree in veterinary medicine and enrollment in a residency or graduate program in pathology/clinical pathology or a related discipline.
- The oral presentation must describe original work of the competitor involving clinical or experimental research that relates to clinical pathology.
- Presenters are required to register (and pay the fee) for the meeting.
- Award selection will be based on the scientific content, abstract composition, clarity of presentation and ability to answer questions.
- Each trainee may submit only one presentation in this competition.
- Any abstract submitted for the ACVP Young Investigator Award is not eligible for the ASVCP Young Investigator Award.

If you would like to be considered for this award, complete the following steps: While submitting your abstract online, click the box for "ASVCP Young Investigator Award" and fill in the required information. Then notify Judy Radin at radin.1@osu.edu.

There is also an ACVP Young Investigator Award given to a trainee with a poster presentation. Any abstract submitted for the ACVP Young Investigator Award is not eligible for the ASVCP Young Investigator Award. For details see the ACVP website.

Call for Annual ASVCP Case Review Session Submissions

CALL FOR SLIDES AND CASES

Submissions are requested for the 2005 ASVCP Case Review Session. Materials that may be submitted include hematology, cytology or surgical pathology slides, electron photomicrographs, and interesting clinical chemistry or hematology cases. This is a popular and interactive opportunity to share cases and experiences among attendees.

TYPES OF MATERIAL REQUESTED

Cases should be classic examples or unique or unusual representations of diseases, clinical cases, or research data with a clinical pathologic focus. Cases may represent any species. Analytic problems that are associated with instrumentation, assay conditions, statistical analysis or specimen handling are welcome. Stained, cover-slipped glass slides are preferred, but in certain cases, 2x2 transparencies will be considered. Surgical biopsies should be from lesions that would be examined cytologically, and ideally the submission should include a cytologic preparation.

Case Submission:

MATERIAL NEEDED

Eighty (80) glass slides are needed for each case. The submitter must check all glass slides to assure their quality. Please do not attach adhesive labels to the glass slides. If 2x2 transparencies or histologic sections are submitted, send only one transparency or histologic section. If the case is accepted, the submitter will supply 80 copies of the transparency or histologic slide.

For clinical chemistry or hematology cases, laboratory data including reference intervals for your laboratory should be submitted.

PRINTED MATERIAL / CASE INFORMATION / DIGITAL IMAGES

Please send a hard copy of case information with the slides or data. In addition, send 2 Word files as e-mail attachments to holly.l.jordan@gsk.com. If e-mail or e-mail attachments are a problem, these files may be sent on disk. The first file is the case history to be distributed with the slides sets prior to the meeting and should include contributors, specimen submitted, signalment, concise history, and clinical findings. Please only include pertinent laboratory data and summarize this if possible. The second file is information that will be distributed at the meeting and should include the information on the first file, plus slide description, diagnosis, discussion, and references.

In addition, please send 2-3 digital images that are representative of the lesions on the glass slide for inclusion in the case summary CD. If 2x2 or electron photomicrographs are submitted, digital images of these must be submitted in addition to the non-

electronic image. Digital images should be 1024 x 768 pixels in the JPEG format with compression set on high quality. Digital images may be sent by email or disk. If possible, embed copies of images in the discussion section at desired locations. A figure legend in Word should accompany the images. Inclusion of digital images is **required as part of the submission process**.

The goal of this session is to stimulate discussion. Presentation of common laboratory abnormalities that are not related to the case is unnecessary as is a lecture or a literature review with each case. If preferred, the submitter may include discussion questions to be answered at the case review session. These questions may inspire members to review cases before the meeting.

WHEN AND WHERE TO SUBMIT

The deadline for submission of cases is July 1, 2005. Submitters will be notified of the results of the selection process by August 15, 2005. Only 20 cases will be presented at the meeting. Cases not selected for presentation may be returned to the submitter, retained for consideration as a 2006 presentation, or included in the 2005 cases as an interesting case, but not presented. Be sure to include your e-mail address with your submission.

Inquires and case submissions should be sent to:

Dr. Holly Jordan
GlaxoSmithKline
Room 9.2007
#5 Moore Dr.
Research Triangle Park, NC 27709

Phone: (919) 483-4909
FAX: (919) 483-6858
E-mail: holly.l.jordan@gsk.com

Call for 2005 ACVIM Forum Speakers

The ASVCP arranges speaker(s) for the ACVIM meeting each year. The speaker(s), all members of the ASVCP, provide 8 hours of talks reflecting current knowledge and/or in-depth reviews of topics in veterinary clinical pathology. The 2006 meeting will be May 31-June 3 in New Orleans, Louisiana. Please send suggestions for ASVCP speakers and topics for the 2006 ACVIM meeting to Christine Oliver at: colver@colostate.edu.

2005 ASVCP Pre-meeting Workshop

The 2005 ASVCP Pre-meeting Workshop will be Saturday, December 3, from 8 am to 5 pm in Boston, immediately prior to the beginning of the main sessions of the combined Annual Meetings of the ASVCP and ACVP on Sunday. The title of this year's workshop is, "The Role of Clinical Pathology Parameters in the Integrated Assessment of Drug-induced Hepatotoxicity, Immunotoxicity and Renal Toxicity in Preclinical Studies". The workshop is being organized by the ASVCP's Regulatory Affairs Committee (Laura Boone, Chair). The RAC enthusiastically supported the idea of a mixed forum for this workshop. The identification of compound-related and potentially adverse changes in these three systems is a hot topic in Regulatory/Industrial Pathology. The RAC envisions a morning devoted to hepatotoxicity with some case studies to illustrate the use of clinical pathology parameters in the integrative assessment of preclinical safety data. The afternoon will be devoted to an overview of the use of clinical pathology parameters for the identification of immunotoxicity. Similarly, renal toxicity will be discussed with some integration of the effort by ILSE/HESI for validation of urinary markers of renal toxicity.

DACC to Meet in Conjunction with ASVCP in 2005

The Division of Animal Clinical Chemistry (DACC) of the American Association for Clinical Chemistry will hold its Fall Meeting in conjunction with the ASVCP (go to <http://www.aacc.org/divisions/animal/meetings.stm>). This is an exciting juxtaposition, as many of us in the ASVCP are also members of the DACC or have an interest in its programs, and this arrangement will facilitate attendance at both meetings with relatively little increased cost. The DACC meeting will be held on Friday, December 2, 2005, in Boston, at the Boston Marriott Copley Place Hotel (same location as the combined Annual Meetings of the ASVCP and ACVP). Planned program topics and presenters are as follows: "Male Reproduction—What Happens, How Do We Measure It, and What's New?" by Bob Chapin (Pfizer, Groton, CT); "Female Reproduction—What Happens, How Do We Measure It, and What's New?" by Patricia Hoyer (University of Arizona); "Current Reproductive Paradigm in Industry" by Kim Treinen (Schering-Plough); "Case Study: Use of Inhibin B as a Marker of Spermatogenic Dysfunction" by R. Giovanelli (Pfizer, Groton, CT); "Risk Assessment and Reproductive Changes in Drug Development" by George Foley (Pfizer, Ann Arbor, MI); "Hematology and Clinical Chemistry in Pregnant Animals" by Teresa Liberati (Taconic Anmed, Rockville, MD); and "Assessment of Reproductive Hormones in Multispecies: Methods and Validation Issues" by Ned Place (Cornell University). Make plans to attend the DACC meeting! If the arrangement works well, it is hoped that the DACC will continue to meet in conjunction with the ASVCP and ACVP in future years.

ASVCP Listserv Update

The ASVCP LISTSERV mailing list currently has 536 subscribers who are members of the ASVCP, the ESVCP, or the VLP group. If you would like to change your subscription status (get added or removed) or update your e-mail address, notify Dr. Mike Scott by e-mail: scott@dcpah.msu.edu.

For complete information about use of the ASVCP LISTSERV mailing list, please refer to the ASVCP web site at: <http://www.asvcp.org/pages/listserv.html>. This site, no longer in the member's only section, contains information about how to send messages, update your e-mail address, temporarily stop receipt of messages, search for archived messages, and unsubscribe. It also contains general LISTSERV etiquette suggestions. Any LISTSERV problems or questions not addressed at the ASVCP web site should be directed to Dr. Mike Scott: scott@dcpah.msu.edu.

Please continue to participate and inject your expertise and experiences when you can!

--Submitted by Mike Scott, ASVCP Listserv Manager

Treasurer's Report

ASVCP Financial Report

ASVCP financial report January – March 31, 2005

Current membership (in good standing): 419

Members who have not renewed for 2005: 142

Savings account	\$101,784
Bank account	\$ 54,880
Current income	\$ 37,518

Membership income	\$ 15,225
Membership and management expenses	\$ 6,229

Journal income	\$ 35,985
Journal expenses	\$ 8,020

Contributions	\$ 312
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Total Income	\$ 51,210
Total expenses	\$ 14,249

2004 annual meeting		
Resort expenses	\$9775	Workshop income \$12,500
A/V equipment	\$ 618	
Management fees	\$2800	
		Net due ACVP \$ 693

--Submitted by Sonjia Shelly, ASVCP Treasurer

2004-2005 ASVCP Sponsor List

Abaxis
 Abbott Laboratories
 AniLytics, Inc.
 Boehringer Ingelheim Corp.
 Bristol Myers Squibb PRI
 Dako Cytomation
 DuPont Haskell Laboratory
 Eli Lilly and Co.
 GlaxoSmithKline
 Hoffmann-La Roche, Inc.
 IDEXX Laboratories, Inc. (Digital Division)
 MPI Research
 Pfizer, Inc.
 Roche Diagnostics
 Schering Plough Research Institute
 Wyeth-Ayerst Research

Many thanks to all of our sponsors and other contributors! Your support is vital to the services that the Society provides to its members.

ASVCP Committee Updates

Development Committee

Members: Karyn Bird, Chair; Denise Bounous, Mike Fry; Roberta Relford, Mike Scott; Betty Thompson; Christine Olver (Executive Board Liaison).

The materials have gone out to all the members for the **Share the Future!** campaign. This campaign is an opportunity for members to take an active part in shaping the future of the Society. Exciting programs are being planned by the Executive Board, and the scope of programs is only limited by the vision of the membership. By joining together we can create an exciting future for the Society. Join with me to accomplish the current goals of the Society and forge new ones by contributing to the **Share the Future!** campaign. Remember, donations of any amount are needed and appreciated!

--Report submitted by Karyn Bird, Committee Chair

Quality Assurance and Standards Committee

Assistance Needed: The International Species Information System (ISIS) is working with experts in the zoo and aquarium community to build the Zoological Information Management System (ZIMS) - a collection management software application that will allow zoos and aquariums to track their animal collections. The ZIMS application will replace current ISIS software. Existing software cannot handle the complexities of dynamic collections, particularly animal groups. In 2001, the AZA Animal Data Information Systems Committee (ADISC) hired a database technology consultant, the Inteq Group, to help define a comprehensive solution. The ZIMS project was initiated as a sound process for developing a new software system and the infrastructure to support it. In 2002, the project became internationalized with the formation of IADISC, the International Animal Data Information Systems Committee.

ZIMS Project Mission: To develop and maintain a new and improved information system that supports a wide range of animal management and conservation activities in zoos and aquariums. The new system will include modules for animal inventory, veterinary care, nutrition, husbandry, environmental monitoring, collection planning, and research and be designed for future expansion.

As part of the process to build this system, ISIS is now hosting data standards workshops to ensure that data will be entered into the system in a consistent manner so that all software users are able to interpret the data in a useful manner. ZIMS is being designed by and for its owners - zoo and aquarium experts will be able to share data on animals in more than 70 countries.

A section of this database will cover clinical pathology data generated, potentially, across the planet. This is the time period when decisions on management and classification of this data are being made. Obviously, in this situation, strict rules and classifications must be put in place initially to have a working database. Consultation with clinical pathologists will improve this process and insure a better quality database that can be used by all. If you are interested in giving your opinion, please contact Ilse Stalis at istalis@sandiegozoo.org for access to the data standard discussion board.

The web based forum board has proved quite useful in communication and has eliminated previous problems with spam.

For more information on the ZIMS Project, see www.isis.org; www.zims.org or www.iadisc.org. To keep abreast of the latest updates on the ZIMS Project through a monthly electronic newsletter, send your e-mail address to news@isis.org.

The ZIMS Core Team and the International Animal Data Information Systems Committee (IADISC) have already recruited almost 500 members of the zoo and aquarium community, representing almost 200 organizations to be involved in the project to build ZIMS - and we need you too!"

--Submitted by Kendall Harr, Committee member

Program Committee

ASCP Program Committee members and liaisons: Joanne B. Messick, Chair (jmessick@cvm.uiuc.edu); Bruce Leroy, Chair elect (bleroy@vet.uqa.edu); Kirstin Barnhart, Pre-meeting Workshop liaison (kbarnha@mdandeson.org); Sue Tornquist, President (Susan.Tornquist@orst.edu); Judy Radin, President-elect (radin.1@osu.edu); Christine Olver, 2nd Year Executive Board Member (Christine.olver@colostate.edu); Holly Jordan, 1st Year Executive Board Member (holly.l.jordan@gsk.com); *Jeffery McCartney, 3rd year member-at-large (jmccartney@hudson.net); Christina Fernandes, 2nd year member-at-large (hvcentral@hotmail.com); Sharon Dial, 1st year member-at-large (sdial@u.arizona.edu); Janice Andrews, 1st year member-at-large (janlab@bellsouth.net); Dennis Olexson, Co-chair of VLP (Olexson@upei.ca); Linda Vap, Chair of VLP (linda.vap@colostate.edu); Leslie Sharkey, Education Committee liaison (shark009@umn.edu) *Rotates off the committee in '04

The program committee is currently putting the final touches on the ASVCP Pre-meeting Workshop, ASVCP Education Symposium, ASVCP/ACVP Clinical Pathology Specialty sessions, and the Veterinary Laboratory Professionals (VLP) sessions.

Pre-meeting Workshop (Chair: Laura Boone)

Kirstin Barnhart, our workshop liaison, has been working with Laura Boone, chair of the Regulatory Affairs Committee (RAC), to put together the ASVCP Pre-meeting Workshop. The 2005 WS in Boston is titled, "The Role of Clinical Pathology Parameters in the Integrated Assessment of Drug-induced Hepatotoxicity, Immunotoxicity and Renal Toxicity in Preclinical Studies". For more information, see the article on the Pre-meeting Workshop on page 8 of this newsletter.

Education Symposium (Chair: Joanne Messick)

We have selected 2 speakers this year, Drs. Margarethe Hoenig and Duncan Ferguson. The program focus will be, "Endocrinology: Diabetes Mellitus and Thyroid Disease in the Dog and Cat." A brief summary of the talks is provided below:

Title: *Comparative Aspects of Diabetes Mellitus in Dogs and Cats.* (Dr. Hoenig)

Description: Diabetes mellitus is a common disease in cats and dogs. Its incidence is increasing, possibly due to an increase in obesity in both species. Different types of diabetes have been identified in pet animals. The classification of diabetic dogs and cats is modeled after the human classification but many aspects are different. The clinical presentation, pathophysiology, and histologic findings are described for both dog and cat, and possible etiological mechanisms are discussed.

Title: *Diagnosis of Diabetes in the Cat and Dog, Assessment of Risk, and Management from the Perspective of Laboratory Testing.* (Dr. Hoenig) Description: The role of glucose tolerance testing and insulin secretory response to glucose and arginine for the diagnosis of beta cell dysfunction and diabetes mellitus in the dog and cat will be discussed. The utility of newer test for diagnosis and monitoring of diabetes such as serum fructosamine and hemoglobin A1c will be reviewed.

Title: *Update on Thyroid Function Tests in the Cat: Where Does TSH Fit?* (Dr. Ferguson) Description: Recent studies involving feline thyroid diagnostic tests including free T4 by equilibrium dialysis and use of the canine TSH assay will be reviewed. Also reviewed will be the potential and value of an immunoassay for feline TSH for study of the pathophysiological causes and earlier diagnosis of feline hyperthyroidism.

Title: *Update on Canine Thyroid Function Testing.* (Dr. Ferguson) Description: This presentation will serve to evaluate progress toward understanding the diagnostic issues relating to interpretation of thyroid function tests in the dog, with concentration on the TSH assay, free T4 measurement, and measurement of anti-thyroglobulin autoantibodies. In addition, progress toward understanding and improving the canine TSH test and the influence of drugs on thyroid function test results will be reviewed.

Clinical Pathology Scientific Sessions I and II (Chair: Judith Radin)

The topics and speakers were chosen to complement our education symposium and serve as a "tie-in" to the Plenary Session, "*Pathophysiology of Stress.*"

ACVP/ASVCP Specialty Session I

Title: *Endocrine Disruptors: Should We Be Concerned in Veterinary Medicine?*

(Dr. Ferguson) Description: Environmental and dietary components may influence reproductive, adrenal and thyroid function, but until recently, little was known about their potential impact on domestic animals. Compounds of concern may be influencing thyroid function testing in particular, and may even be influencing our establishment of normal reference ranges. Evidence that feline hyperthyroidism is potentially a disease resulting from endocrine disrupting compounds will be reviewed.

ACVP/ASVCP Specialty Session II

Title: *Stress As a Mechanism for Diabetes and Thyroid Disease.* (Drs. Hoenig and Ferguson) Description: Reactive oxygen species (ROS) play an important role in

normal physiologic processes of the thyroid and pancreas, however when in excess they cause tissue damage. There is accumulating evidence that oxidative stress is an underlying mechanism in the development of thyroid diseases, including Graves disease, goiter formation and thyroid cancer. Oxidative stresses also are likely involved in the progression of pancreatic β -cell dysfunction found in diabetes. This presentation provides an overview of these mechanisms.

Veterinary Laboratory Professionals Sessions (Chair: Linda Vap) The VLP sessions begin Sunday afternoon and conclude Tuesday morning, with Monday afternoon free for attendees to participate in the scheduled, "Optional Event." Thus, there are 3 separate educational sessions: Sunday PM, Monday AM, and Tuesday AM, with Monday PM off. On Sunday, the topic to be presented is "Obtaining and Maintaining a Quality System through ISO 17025 and 9000" by Carol Howard, Jennifer Stewart and Dr. Sally Lester from Central Laboratories. Drs. Margarethe Hoenig and Duncan Ferguson will discuss diagnosis and monitoring of diabetes mellitus and thyroid testing on Monday. In addition, Dr. Tara Holmberg will present the nuts and bolts of getting immunocytochemistry to work. The wrap-up session on Tuesday includes two round-table discussions regarding cost-per-test accounting and point-of-care validation, as well as a talk by Dr. Urs Giger on current canine and feline blood typing methods and issues.

Based on a vote taken last year, the ASVCP membership decided that Monday afternoon would be "free" and thus, no meeting would be scheduled during this time-slot. The overall organization of the ASVCP and VLP sessions are shown in the following table; please keep this in mind as you make plans for the meeting in Boston.

DAY	AM	PM
Saturday	Pre-meeting Workshop	Pre-meeting Workshop
Sunday	Education Symposium	ACVP/ASVCP Specialty Session I & ASVCP VLP Session I
Monday	Joint Plenary Session & ASVCP VLP Session II	FREE TIME
Tuesday	ACVP/ASVCP Specialty II & ASVCP VLP Session III	ASVCP Case Review Session & Diagnostic Pathology Specialty & Education Specialty Sessions
Wednesday	Minisymposium – Myeloid Neoplasia	

--Report submitted by Joanne Messick, Committee Chair

Veterinary Laboratory Professionals Committee

Join us for the 40th anniversary celebration of the ASVP/ASVCP annual meeting in Boston, Massachusetts. The meeting will be held December 4th – 6th, 2005.

There are several interesting topics lined up. One that seems to be affecting most of us is “Obtaining and Maintaining a Quality System through ISO 17025 and 9000”. Other sessions will discuss the following: “Diagnosing and Monitoring Diabetes Mellitus”, “Thyroid Disease in Dogs and Cats”, “Immunocytochemistry--Making It Work”, and “Current Canine and Feline Blood Typing Methods and Issues”.

Round table topics create discussions that let you get involved. Share your frustrations or successes with your peers. The two discussions planned for this year are “Cost Per Test Accounting” and “Point of Care Test Validation”.

This will be Linda Vap’s last year as Chair of the VLP. Dennis Olexson will move from the Co-Chair to Chair position. The Co-Chair position will need to be filled. It is a six-year commitment. Three years as Co-Chair moving to three years as Chair. If you would like to ask Linda or Dennis any questions about the position you can email them at lvap@colostate.edu or olexson@upei.ca.

Thank you to Linda for her 3-years of work as Chair. You have done a great job.

--Report submitted by Lisa Shipp

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 during the year via electronic mail and telephone conferences to accomplish the Society’s business. Since publication of ASVCP Newsletter #1, 2005, the Board has decided by majority vote to approve the budget requests submitted by the Society’s standing committees, to approve the overall 2005 ASVCP budget, and to approve the charter of the Veterinary Laboratory Professionals Committee. We decided to send a letter of support to aid efforts of The American Association of Veterinary Medical Colleges to promote federal legislation authorizing a new competitive grants program to build capacity in the nation’s veterinary education system. We approved posting of information regarding the ASCVP Lifetime Achievement Award on the ASVCP website (www.asvcp.org). We also approved a procedure for the evaluation of position statements, and this procedure can now be viewed on the ASVCP website. In January, we agreed to allow the Regulatory Affairs Committee of the ASVCP to post on our website for member review and approval a document they had written, entitled “Recommendations from the Regulatory Affairs Committee of ASVCP: Identification and

Interpretation of Hepatotoxicity in Pre-clinical Studies". In February, we approved a revised version of that position paper.

We approved the applications of several new members: Sheree Beam, Allison M. Fedash, Michele Kahn, David Korcal, Cynthia de Assimpeao Lucidi, Telma Papatotto, Linda M. Sanders, Roberta di Terlizzi, and Ashlee Urbasic. A hearty welcome to our newest members!

In Memoriam

Dr. John Bentinck-Smith, a Life Member of the ASVCP, passed away in Ithaca, NY on May 12, 2005. Dr. Bentinck-Smith was one of the earliest members of the ASVCP and served on the first clinical pathology examining committee. He was known as a great mentor, role model, and teacher to many. A more detailed remembrance will appear in a future issue of the ASVCP Newsletter.

Announcements

NEW CONTACT INFORMATION FOR ASVCP NATIONAL OFFICE: Our National Office has moved! Effective immediately, 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. The previous telephone number will forward calls to the new number for a period of one year.

Electronic Newsletters: Effective with ASVCP Newsletter #1 for 2004, 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) or Secretary Marlyn Whitney (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; 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), please contact the ASVCP Secretary, Marlyn Whitney, at D102 Veterinary Medical Diagnostic Lab, University of Missouri, Columbia, MO 65211; Email: whitneym@missouri.edu, or contact the ASVCP National Office at 2810 Crossroads Drive, Suite 3800, Madison, WI 53718; Email: info@asvcp.org.

ASVCP Membership Application: Member application forms are available at the ASVCP website (www.asvcp.org), by contacting ASVCP Secretary Marlyn Whitney at 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.

Upcoming Meetings

2005 ACVIM Forum: June 1-4, 2005, Baltimore, MD. See www.ACVIM.org for program and registration materials.

European Congress on Comparative and Veterinary Clinical Pathology: 7th Annual General and Scientific Meeting of the European Society for Veterinary Clinical Pathology (ESVCP) / American College of Veterinary Clinical Pathology (ECVCP) and 2nd Joint Meeting of the Association of Comparative Clinical Pathology (AECCP) and ESVCP / ECVCP. June 21-24, 2005, Faculty of Veterinary Medicine, Utrecht University, The Netherlands. For more information, go to: www.esvcp.com.

2005 AVMA Annual Convention: July 16-20, 2005, Minneapolis, MN. See www.AVMA.org for more information.

28th World Veterinary Congress: July 16-20, 2005, Minneapolis, MN (held in conjunction with the AVMA Annual Convention). Go to: www.wvc2005.org.

48th Annual American Association of Veterinary Laboratory Diagnosticians Meeting: November 2-8, 2005, Hershey Lodge and Convention Center, Hershey, PA. For more information, go to: www.aavld.org/aavld-3/annual_meeting2.jsp.

Division of Animal Clinical Chemistry (DACC) Fall Meeting: December 2, 2005, Boston Marriott Copley Place Hotel, Boston, MA. Held in conjunction with the combined Annual Meetings of the ASVCP and ACVP. Go to www.aacc.org/divisions/animal/meetings.stm.

Job Opportunities

Part-time Veterinary Pathologist: Veterinary pathologist needed part-time to help with a private study of Alzheimer's, osteoporosis, Parkinson's, heart disease and diet. During the study, special diets are being fed long term to rats in an attempt to induce these disorders. A veterinary pathologist is needed for preparation and analysis of specimens. The majority of the work will be in the summer of 2006. The 82 rats are housed in Milwaukee, Wisconsin. Hourly rate, transportation and lodging expenses will be paid. This opportunity is unique. Please call Dr. Bruce Semon at 414-351-1194 at the Wisconsin Institute of Nutrition if interested. E-mail is bsemon@nutritioninstitute.com.

Veterinary Endocrinologist: The Diagnostic Center for Population and Animal Health (DCPAH) and Department of Pathobiology and Diagnostic Investigation (PDI), College of Veterinary Medicine, Michigan State University, invites applications for a tenure stream position in endocrinology. This position offers the successful candidate the exceptional opportunity to lead an enthusiastic team in the provision of endocrine diagnostic support at the same time as facilitating independent research and professional development. The successful candidate will serve as the Section Chief of the DCPAH Endocrinology Section. The DCPAH serves as the diagnostic laboratory for the State of Michigan and has recently occupied a new, state-of-the art, 152,000 gross square feet facility. The Endocrinology Section has provided specialized service in diagnostic endocrinology to veterinarians and researchers for more than 25 years. The section receives cases from referring veterinarians located throughout the U.S. and Canada. Samples submitted for assessment of thyroid function, adrenocortical function, or disorders of calcium metabolism comprise a large share of the caseload. Other assays offered include insulin, insulin-like growth factor I, progesterone, testosterone, gastrin, and phenobarbital. Candidates must (1) possess a DVM or equivalent degree, or a PhD, or both DVM and PhD degrees; (2) have postgraduate experience or a strong interest in clinical endocrinology, with postgraduate experience and training in clinical

pathology or internal medicine; (3) be eligible for full or limited (no examination required) Michigan veterinary licensure; and (4) possess skill in verbal and written communication. The successful candidate will join a team of three veterinary endocrinologists and seven laboratory technicians in carrying out the laboratory's mission. Responsibilities and expectations will include (1) supervision and leadership of the DCPAH Endocrinology Section; (2) interpretation of laboratory test results; (3) consultations with veterinarians regarding test results, diagnostic procedures, and therapy in endocrine diseases; (4) experience and in-depth understanding of the principles of immunoassays, laboratory quality control, and laboratory safety; (5) development of an independent research program that complements the research and development of the clinical laboratory; and (6) teaching DVM professional students and graduate students; (7) involvement in leadership in all DCPAH laboratory initiatives, including continuous quality improvement. Application deadline: Review of applications will begin May 9, 2005. Starting date: Immediately. Applications will be accepted until a suitable candidate is identified. Salary and appointment level are commensurate with training and experience. Applicants should send a letter of application and curriculum vitae, including the names of three references, to Dr. Willie M. Reed, Director, Diagnostic Center for Population and Animal Health, P.O. Box 30076, Lansing, MI 48909-7576. For further details, please contact Dr. Reed (phone 517-353-0635, fax 517-432-5836, email reed@dcpah.msu.edu) or Dr. Jennifer Thomas, Search Committee Chair (phone 517-353-1633, fax 517-432-2598, email thomas@dcpah.msu.edu). *Michigan State University is an affirmative action/equal opportunity institution. Handicappers have the right to request and receive reasonable accommodation.*

Head of Veterinary Pathology: Applications are invited from Veterinary Pathologists, with advanced qualifications in anatomical and/or clinical pathology, for this newly created position. The appointee will lead a team of 15 veterinary pathologists providing interpretative clinical pathology, cytology and histopathology services to veterinary clinicians and industry in the UK and Europe. You will be responsible for the overall management of the pathologists and have a key role in the maintenance of the laboratory's QA accreditation. The successful person will be a first-rate manager, an effective communicator, and will have a good sense of business and commercial priorities in a service industry. An ability to think strategically and contribute to the continued growth of IDEXX Laboratories in Europe is essential. In addition to a very competitive salary and excellent benefits package, entitlements include 1 week paid CPD with financial support for conference attendance. Time will be allowed for pursuit of special interest activities relevant to the IDEXX corporate mission. A veterinary degree eligible for registration with the RCVS and advanced qualifications in veterinary pathology are essential. There is a strong, collaborative relationship between our pathology team, and we encourage and value diversity and have a commitment to excellence, continued training and professional development as part of the worldwide team of IDEXX pathologists. In addition to an enviable reputation for laboratory analytical quality, expertise and experience we offer the opportunity for you to develop, extend and integrate your diagnostic skills across the sphere of laboratory medicine. To apply, please send a current CV by post or email to Human Resources, IDEXX Laboratories Ltd, Grange House, Sandbeck Way, Wetherby, West Yorkshire, LS22 7DN, UK - (UKHR@idexx.com); or telephone +44 1937 544000 for further details.

Clinical Pathologists/Internal Medicine Clinicians: Duties will include reporting and interpreting haematology, clinical chemistry and endocrinology results produced at the laboratory, and discussing cases where data is supplied from IDEXX in-clinic instrumentation. Cytology skills would be an advantage but an opportunity to train in cytology is available if desired. There will also be opportunities to contribute to new continuing education programmes for veterinary surgeons and nurses as well as internal training and case discussions. Suitable applicants will have postgraduate experience in veterinary clinical pathology or internal medicine, and possession of a relevant qualification would be preferable. For this position, a veterinary degree eligible for registration with the RCVS is essential. There is a strong, collaborative relationship between our pathology team, and we encourage and value diversity and have a commitment to excellence, continued training and professional development as part of the worldwide team of IDEXX pathologists. In addition to an enviable reputation for laboratory analytical quality, expertise and experience we offer the opportunity for you to develop, extend and integrate your diagnostic skills across the sphere of laboratory medicine. To apply, please send a current CV by post or email to Human Resources, IDEXX Laboratories Ltd, Grange House, Sandbeck Way, Wetherby, West Yorkshire, LS22 7DN, UK - (UKHR@idexx.com); or telephone +44 1937 544000 for further details.

Veterinary Clinical Pathologist: Assistant or Associate Professor, full-time, tenure track, in veterinary clinical pathology. Academic rank, salary, and tenure-track status are negotiable. **QUALIFICATIONS:** The position requires a D.V.M. or comparable degree, PhD. degree in pathology or a related discipline, and A.C.V.P. board certification or eligibility in clinical pathology. Applicants should have demonstrated competence in diagnostic skills, interest and experience in teaching and documented research productivity. Preferred qualifications include a demonstrable commitment to promoting and enhancing diversity. For appointment at the Associate Professor level, individuals will be expected to have established a competitive, externally funded research program, a documented record of productivity, as well as sustained creativity demonstrated by grant support and research accomplishments. **RESPONSIBILITIES:** Job responsibilities include sharing cytology/hematology/clinical chemistry diagnostic duty with one other clinical pathologist, teaching in the professional curriculum and development of a research program compatible with the goals of the College of Veterinary Medicine. Candidate is expected to develop an extramurally-funded research program. This position is approximately 40% teaching and diagnostic service and 60% research. **UNIVERSITY AND COMMUNITY:** OSU is one of only two American universities to hold the Land Grant, Sea Grant, Sun Grant, and Space Grant designation and is a Carnegie Doctoral/Research-Extensive university. OSU is located in Corvallis, a community of 53,000 people situated in the Willamette Valley between Portland and Eugene. Ocean beaches, lakes, rivers, forests, high desert, the rugged Cascade and Coast Ranges, and the urban amenities of the Portland metropolitan area are all within a 100-mile drive of Corvallis. Approximately 15,700 undergraduate and 3,400 graduate students are enrolled at OSU, including 2,600 U.S. students of color and 950 international students. The university has an institution-wide commitment to diversity, multiculturalism, and community. We actively engage in recruiting and retaining a diverse workforce and student body that includes members of historically under-represented groups. We strive to build and sustain a welcoming and supportive campus environment. OSU provides outstanding leadership opportunities for people interested in promoting and enhancing diversity, nurturing creativity, and building community. **CLOSING DATE:** June 15, 2005. **EARLIEST START DATE:** January 1, 2006. **TO APPLY:** Submit 1) letter of application, 2) curriculum vita and 3) name, email address and phone numbers of three references to: Ms. Tammy Jennings, OSU-College of Veterinary Medicine; 101 Magruder Hall, Corvallis, OR 97331-4802, Fax: (541) 737-0502, Email: TammyJennings@oregonstate.edu. Contact Dr. Susan Tornquist, (541) 737-6943, email: Susan.Tornquist@oregonstate.edu for information or questions about the position. **OREGON STATE IS AN AFFIRMATIVE ACTION/EQUAL OPPORTUNITY EMPLOYER AND HAS A POLICY OF BEING RESPONSIVE TO THE NEEDS OF DUAL CAREER COUPLES.**