South Central Division Returns to the San Luis Resort in Galveston

Twenty-five attendees and a few additional spouses enjoyed excellent weather for the 21st annual South Central Division meeting, back at the San Luis Resort. There were 20 case reports on new and interesting "old classic" diseases that are not always often seen in all of our labs.

Dr Dimitry Danilenko from Genentech gave a presentation on "So What Does a Pathologist Do the in the Biopharmaceutical Industry?" He had interesting insights on how a pathologist can lead a team investigating a new drug as well as reading slides. He gave interesting examples using a product that he worked with for more than 10 years before it was marketed. He had unique insights on how a pathologist can lead a team investigating a new drug as well as reading slides. It was terrific to be back at the San Luis after a several year absence due to a hurricane. As usual, our traditional group dinner at Landry's Seafood House was very well received, especially by the new participants this year. Swimming and beach activities were enjoyed by some during the break before dinner. Many participants remarked again that this is the best and most enjoyable learning experience available anywhere.

We would like to thank Dr. Margaret Hanson for helping with registrations and coordinating the slide sets for distribution in advance of the meeting.
Argentinean Division Holds Fifth Annual Meeting in Tandil

The 5th seminar of the Argentinean Division of the C. L. Davis Foundation was held in Tandil, Buenos Aires province, Argentina, 20-22 October 2011. The seminar was held simultaneously with the 6th Forum of Teaching Veterinary Pathology. The venue was the University Cultural Center of Universidad Nacional del Centro de la Provincia de Buenos Aires, in downtown Tandil.

The seminar was well attended by a total of 141 participants (41 professors and lecturers, 54 students and 22 practitioners) from 17 Argentinean private and public institutions.

Dr. Rob Moeller (California Animal Health and Food Safety Laboratory, UC Davis) presented two comprehensive 4 hours lectures on diseases of dairy and beef cattle respectively. Areas of specific coverage were transition cow pathology, abortions in dairy cattle, pathology of the neonatal calf, and selected viral, bacterial, and parasitological diseases of beef cattle and selected deficiencies and toxicological issues of cattle.

Dr. Ana Alcaraz (Western University of Health Sciences) gave a 2 hour lecture on common lesions of cattle and a 4 hour lecture on student-centered learning strategies.

Dr. Jose Peralta (Western University of Health Sciences) gave a 4 hour lecture on cattle behavior and animal welfare in dairy and feedlot cattle.

On the 22th, Drs Alcaraz, Moeller and Peralta led a tour of a nearby feedlot and conducted a cattle necropsy workshop.

The activities generated a lot of interest and engaged the participants in meaningful discussions. Comments from the attendees reflected the high quality of the speakers and the effectiveness of the presentations and related activities.

Got Pictures of a Foundation Meeting?

We’d love them for the newsletter! Attending a meeting, using a publication, spending time in a Foundation study center anywhere in the world – it all makes the newsletter a more interesting read and shows how much we are doing around the world.

Please send any digital images to Foundation newsletter to info@cldavis.org and thanks!!!
2012 Descriptive Veterinary Pathology Course

LSU School of Veterinary Medicine - 11-15 June 2012

Lectures include:

- Descriptive Techniques in:
  - Gross Pathology
  - Microscopic Pathology
  - Cytology
  - Electron Microscopy
  - Immunohistochemistry
- Review of Clinical Pathology
- Gross-Microscopic Correlations
- 6 Practical Examinations
  - Gross Exams
  - Histo Exams
  - 4 exams are faculty-graded for extra feedback

For more information, including tuition, venue, and hotel information, please visit http://www.cltdavis.org/courses/upcoming.html

Program Director:
Dr. Bruce Williams, DVM, DACVP
Joint Pathology Center
301-467-4024
Email: Williams@cltdavis.org

This course has been submitted (but not yet approved) for 36 hours of continuing education credit in jurisdictions which recognize AAVSB RACE approval; however, participants should be aware that some boards have limitations on the number of hours accepted in certain categories and/or restrictions on certain methods of delivery of continuing education. Call Dr. James Ertl, 501-937-2435, for further information.
Northeastern Vet Path Slide Conference Returns to Tufts

Tufts Cummings School of Veterinary Medicine was the site of this year’s conference with over 30 attending from diagnostic laboratories, the Joint Pathology Center (formerly known as AFIP) and academia. There were 16 presentations in all covering a wide gamut of lesions from vascular malformations to the boid pneumonias. Dr. Diane Brown, dipl ACVP (clinical pathology) and director of the Comparative Medicine Laboratory at Massachusetts General Hospital gave a comprehensive review and update on the role of iron in disease. I noticed the residents barely had time to put their pens down during the talk! In the social hour and dinner that followed, there was hilarious game of pathology “Pictionary”/charades (imagine drawing type II hypersensitivity!). We had two teams: Tetanus and Botulism. Botulism won the evening. Kudos go to the artists and mind readers in the group.

This year with the generous help of Jim Britt from the CL Davis Southwest Division, the conference applied for and obtained RACE certification for continuing education credits. Next year, we hope to continue offering the RACE credits and keep encouraging the submission of cytology as well as histopathology cases. We have been trying this year to reach out to our clinical pathology colleagues in the Northeast and this year we have made a good start! We have also decided to move the meeting to the spring: tentatively the schedule is set for April 2013 so that we have a long lead time to prepare for the shift in deadlines. Many thanks to Bruce Williams and C.L. Davis staff for their expert help with the organization of this conference as well as the CE office/Susan Brogan at Tufts for their assistance!!

Rachel Peters, DVM, dipl ACVP
Assistant Professor, Department of Biomedical Sciences
Tufts Cummings School of Veterinary Medicine
Rob Foster is an Australian veterinary graduate who is now a professor in the Department of Pathobiology, Ontario Veterinary College at the University of Guelph in Canada. His interests include reproductive and surgical pathology. He is an anatomic pathologist with an interest in all aspects of pathology and in teaching the discipline. Prof. Foster has an interest in computer aided instruction and links to some of his course material are on his home page at http://www.uoguelph.ca/~rfoster/index.html

The C.L. Davis Foundation and the Australian Animal Pathology Standards program (AAPSP) generously provided funding for the speaker’s flight, accommodation and all teas and lunches on the days of the road show (held in six different venues in Australia, with a video link to Tasmania from Perth). The Australian Animal Pathology Standards Program (AAPSP) is an initiative of the Australian Society for Animal Pathology (ASVP) in partnership with Animal Health Australia (AHA) and the Sub-Committee on Animal Health Laboratory Standards (SCAHLS). Our Australian C.L. Davis board member is Tony Ross, who organizes all six road shows!

One of the road shows was held in Adelaide, the state capital of the state of South Australia. As one of the smaller states, there were just over ten delegates at the meeting at Glenside, representing the Adelaide veterinary school, Gribbles Veterinary Laboratory and the Institute of Medical and Veterinary Sciences and they made an enthusiastic and receptive audience. We started with a series of lectures from Prof. Foster on the various causes of failure of pregnancy. This included non-infectious, infectious, unknown, maternal, foetal and placental causes. Rob has made an intensive study of this subject and presents a series of lectures which are fascinating and unique. He emphasized the pragmatic approach and stressed how difficult it is to get a diagnosis in cases of abortion.
Prof. Foster mentioned interesting recent disease outbreaks such as bovine neonatal pancytopaenia caused by the use of a particular Bovine Viral Disease Virus (BVDV) vaccine in the dam as well as the exact disorder of sexual development suffered by the recently banned South African athlete! Rob Foster also discussed conditions in the male accessory genital organs. During lunch, delegates took the opportunity to renew acquaintances as well as discuss the interesting points raised in the various excellent lectures that morning. After the lectures on the Thursday night, Primary Industries and Resources of South Australia (PIRSA) kindly sponsored drinks and nibbles at a “meet your colleagues” session! The organizers presented Rob Foster and Sue Fitzsimons from PIRSA with a bottle of wine each. PIRSA also kindly allowed us to use their meeting room and equipment.

The following day, Prof. Foster launched into the reproductive conditions of the mare, dog and cat. Rob Foster spent some time explaining equine abortions and the examination of the equine placenta. Rob also discussed the interesting outbreak of early foetal loss in the Ohio River Valley of the United States in late April and early May of 2001 and 2002 linked to the Eastern Tent caterpillar, the hairs (setae) of which are thought to have penetrated the intestine, migrated to the pregnant uterus and caused foetal sepsis. Rob Foster also mentioned the strange phenomenon of cystic endometrial hyperplasia and pseudo pregnancy caused by the prolonged dioestrous period in the dog.

Daren Hanshaw, Stella Bastianello and I (Liz McInnes), as organizers of the Adelaide meeting, felt that the two-day event had gone extremely well. The feedback from the delegates has been very encouraging. Similar Road shows were held in Brisbane, Sydney, Melbourne, Darwin and Perth, giving a total of 72 hrs of continuing education in Australia each year. Below is a photo of the participants in the Sydney Road show. Information about future Road shows can be obtained from Tony Ross at tony.rossvetpath@hotmail.com.

From the Latin American Subdivision of the Davis Foundation

If you are attending the ACVP meeting in Nashville, TN, you are cordially invited to join the foundation’s Latin American Subdivision (“Latin Comparative Pathology Group”) Spanish/Portuguese presentations offered by Drs. Aline Rodrigues and Francisco “Paco” Uzal (our new LCPG president). The session is on Monday, December 5, 2011, from 12:15 - 1:30 PM in Room 210 of the Nashville Convention Center.

Aline Rodrigues, DVM, MS, DVM, DACVP, will give us the first presentation in Portuguese about “Cache Valley Virus - Targeted Cells in the Central Nervous System of Infected Ovine Fetuses / Vírus do Cache Valley (CVV) – Células Alvo no Sistema Nervoso Central de Fetos Ovinos Infectados.”

Francisco “Paco” Uzal DVM., MS, PhD, DACVP, will discuss Animal models for the study of Clostridium perfringens type C infections / Modelos animales para el estudio de la patogenia de infecciones por Clostridium perfringens”

Please note that the power point presentations (handouts) will be in English, but the oral presentations will be given in Spanish and Portuguese. We are looking forward to seeing all of you at the ACVP Meeting in Nashville, Tennessee!
Foundation Independent Study Center Established at Chilean Meeting

On January 21, 2010 Drs. Tom Jacobs and Claus Buergelt established a CL Davis Independent Pathology Study Center at the Universidad de Austral's College of Veterinary Medicine, in Valdivia Chile, culminating with the signing of a Memorandum of Agreement between the two organizations. On, the following two days we held the First Annual International Pathology and Aquaculture Veterinary Conference at the Universidad de Austral, Facultad de Ciencias Veterinarias in Valdivia, Chile.

The first day's conference featured Dr. Claus Buergelt who lectured on cattle diseases, Dr. Marcos Munoz on infectious bovine mastitis and Dr. Enrique Paredes on the subject of the principle causes of death in cattle in southern Chile. Dean Nestor Tadich, DVM gave the opening remarks. Over 40 professionals attended.

The second day's conference featured salmon aquaculture subjects such as biosecurity, tissue drug residues, good aquaculture practices, food safety managements systems, role of epidemiology in management systems and laboratory diagnostics etc. Speakers were from the USDA, FDA, local salmon producers and the Chilean government. Dr. Gerhardt Schurig of the Virginia-Maryland College of Veterinary Medicine gave the opening remarks. Over 45 professionals attended.

Formal Certificates of Attendance were signed by the Dean of the Veterinary School and Dr. Jacobs. Entry fees were charged and the Center made cleared $250 after providing lunch to the participants both days and other expenses.

More information on this meeting (in Spanish) may be viewed at http://noticias.uach.cl/principal.php?pag=noticia-externo&cod=17429

A rapt audience is held spellbound by Dr. Buergelt's lectures on pathology of cattle.

Lecturers from Day 1 included (L-R) included Drs. Marco Munoz, Claus Buergelt, and Enrique Paredes.
Book Review

Background Lesions in Laboratory Animals: A Color Atlas
By Elizabeth Fiona McInnes, BVSc, MRCVS, PhD, FRCPath

This 256-page volume, although slim, fills a very large hole in the current literature, one that is often encountered by a wide range of veterinary pathologists, from toxicological pathologists who work with laboratory species on a daily basis, to practicing pathologists (and even pathologists-in-training) who may rarely encounter these species on a daily basis.

The book is authored and illustrated by a crew of experienced toxicological pathologists who are pre-eminent in the field. Separate chapters are provided for non-human primates, mice, rats, minipigs, dogs, and the hamster and guinea pig. Each chapter focuses primarily on the most widely used strains or breeds, i.e., Wistar and Sprague-Dawley rats, New Zealand White rabbits and beagle dogs. There are additional (bonus!) chapters covering reproductive lesions of laboratory species (a subject which often confounds the experienced pathologist) and artifacts in histopathology (which are often confounding and potentially ruinous to any good study).

Each page of this volume is packed with useful information. The chapter on each species is broken down into separate systems, and finally, a section on systemic diseases. The description of each lesion is brief, concise, and well-referenced (of special value for toxicological pathologists preparing reports for toxicological studies).

Each page is laid out in three columns, of special benefit as it allows more illustrations per page than a more traditional layout. Images are in full color, and form the backbone of this book. As one would expect, the vast majority of the images are histologic; there are only a few gross images. Each image precisely illustrates the salient features of the lesion in question; little space is wasted on unneeded images or magnifications.

Weaknesses are few in this book. The images of the book, although wonderfully illustrative, suffer from a lack of standardization – stain quality and color correction (if such a thing still exists in today’s publications) varies from image to image, even on the same page. While most chapters are well-illustrated, the section on guinea pigs contains only a single gross image (while hamsters are well-illustrated.) To me, however, the importance of this book makes these complaints seem like quibbling at best.

At US$235, some may say that this book is expensive. To them, I would say, how expensive is a poorly-written tox study? Even so-called “diagnostic” pathologists are often called on to necropsy animals whose monetary value far exceeds the price of this book. It’s not that you can’t afford to buy this book; it’s that you can’t afford not to buy this book. (Note: If you pre-order from Saunders Elsevier, you can save 15%.) Reviewed by Bruce Williams, DVM, DACVP
2011 CLD/ACVP Diagnostic Pathology Seminar:
Neuropathology: Navigating the Vast Pink Wasteland

Neuropathology Basics
Common Artifacts
Comparative Neuropathology
Small Animal Neuropathology
Large Animal Neuropathology

Speakers:
Sarah Hale, JPC
William Jordan, Vet Path Services
Fabio Del Piero, UPenn
Tom Von Winkle, UPenn

Dec 3, 2011
In Conjunction with the 2011 ACVP Meeting, Nashville, TN

The central nervous system is one of the most difficult, and yet one of the potentially most rewarding, of the major body structures for the veterinary pathologist to evaluate. The need to understand structure-function relationships, the complex microanatomy, the blinding speed at which new scientific information becomes available and the frustrating propensity of the system to artifactual changes combine to create this often-frustrating duality. Please join us for a one-day seminar designed to provide you with practical information to help simplify and refine the evaluation of the brain and spinal cord, no matter what your discipline in veterinary or comparative pathology.

Program Director:
Dr. Sarah Hale, DVM, DACVP
Joint Pathology Center
(301) 295-6196

For more info, visit:
https://www.cldevfoundation.org/2011cld-seminar
1st Descriptive Veterinary Pathology Course in Argentina

Faculty of Veterinary Sciences, University of Buenos Aires-C.L. Davis Foundation

12 – 16 December 2011, Faculty of Veterinary Sciences, University of Buenos Aires, Argentina

Program Director:
Dr. Leonardo Minatel, DVM, PhD
Facultad de Ciencias Veterinarias
Universidad de Buenos Aires
Ph: 54 11 4580 2821
E-mail: lminatel@fvet.uba.ar

Faculty:
Dr Jo Lynne Raymond, DVM, Dipl. ACVP
Dr Fabio del Piero, DVM, PhD, Dipl. ACVP
Dr Francisco Uzal, DVM, MSc, PhD, Dipl. ACVP

Tuition Fees:
Members of the Argentine Veterinary Pathology Association: $ (Argentinean) 400 (~ US$ 100)
Non members: $ (Argentinean) 1300 (~ US$ 325)

Note: There are a limited number of seats available for this course (60) and registration will be open until this number is filled. Early registration is encouraged. **This course will be taught in Spanish.**

More Information:
More information including full faculty addresses, schedule, hotel accommodations, and registration materials are available at:
http://www.cldavis.org/courses/upcoming.html
Veterinary Systemic Pathology Online

775 cases grouped by System, Animal Group or Etiology. Each case includes a virtual slide and multiple microscopy images highlighting diagnostic fields.

Case reports include descriptions, diagnosis, differentials, clinical, gross and microscopic findings, comparative pathology, references and more.

The database can be searched by selecting System, Animal Group, Etiology, with a combination of the three or search with keywords.

The Test Center includes mini-boards for the most recent 5 years, a selection of gross test carousels and the ability to randomly view cases based on selected criteria. View cases as unknowns for self-testing.

Related cases within VSPO are linked within the case reports. Each case also searches our Wednesday Slide Conference database for possibly relevant cases.

VSPO is a resource of the Veterinary Pathology Services at the Joint Pathology Center.

For free access, email your First and Last name, address, phone number and email address to vspo@mac.com
WILDLIFE PATHOLOGY
Short Course February 2012 Camden

CONSERVATION, MANAGEMENT AND HEALTH OF AQUATIC, AERIAL AND TERRESTRIAL WILDLIFE

13-18 February 2012

The CYBEC FOUNDATION has provided generous support to bring you an excellent short course on wildlife health.

This intensive Short Course will focus on the ecology of disease, diagnosis of vector-borne diseases, human influences on wildlife disease, followed by a systematic review of the diseases of aerial, terrestrial and aquatic wildlife.

Additional practical workshops are planned on necropsy and laboratory skills, wildlife health risk assessment, and information management and mapping. The course is open to anyone with an interest in wildlife disease, including pathologists, veterinarians, conservation biologists, veterinary students and postgraduate students.

Confirmed speakers include internationally renowned wildlife pathologists:

Drs SCOTT FITZGERALD, GARY WOBESER, JAN BARKER, RICHARD JAKOBBHOFF, JUDY ST. LEGER and LEELLEN SOLTER along with many highly respected local speakers.

This course is coordinated by The Australian Registry of Wildlife Health in collaboration with the University of Sydney and the C. L. Davis Foundation, and supported by the Wildlife Disease Association – Australasia and SeaWorld USA.

TO REGISTER YOUR INTEREST IN ATTENDING, PLEASE CONTACT: arwh@zoo.nsw.gov.au. Phone (02) 9978 4749. The course program and registration forms will be available shortly to download from our website: http://www.arwh.org/publications.

ACCOMMODATION

Affordable, dormitory accommodation will be available within a short distance of the conference location. To register your interest in this type of accommodation, please contact the Registry, as above.
It was a night of smiles and photographs, as UCDavis' Linda Lowenstine and Katie Colgrove attest.

CALENDAR OF UPCOMING EVENTS

December 2011:

12/2 7th Annual CLD/ACVP Symposium – “Neuropathology – Navigating the Vast Pink Wasteland” – Nashville, TN

12/3 – 12/7 Annual Conference of the ACVP/ASCVP – Nashville TN

12/12 – 12/16 1st Descriptive Veterinary Pathology Course in Argentina, University of Buenos Aires, Argentina

February 2012:

2/13-2/18 – Wildlife Pathology Short Course – Camden, Australia

June 2012:

6/11-6/15 – Descriptive Veterinary Pathology Course, LSU SVM, Baton Rouge, Louisiana

ARTICLES NEEDED

NEWSLETTER DEADLINES

All materials must be received no later than the 15th of the previous month in order to be included in the newsletter.

Articles should be submitted as MS Word documents. Photos should be submitted as a JPEG.

Any advertisements or registration material for symposia or courses or should be submitted at least 3-4 months in advance.