



CHARLES LOUIS DAVIS DVM FOUNDATION

A TAX EXEMPT, DONATIVE, PUBLICLY SUPPORTED CHARITY
FOR THE ADVANCEMENT OF VETERINARY AND COMPARATIVE PATHOLOGY

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THE NORTHEAST SUB-DIVISION PROGRAM: SIXTEEN YEARS OF DAY-SEMINARS

...by Zadok Ruben



Zadok Ruben, DVM, Ph.D.,
Director, NE Subdivision

Some seventeen years ago, after the Foundation's annual ACVP awards reception, Dr. Sam Thompson invited me for a drink, and I happily accepted. As our meeting progressed, my mind alternated between the reason behind Sam's invitation, and wondering when his discourse on the Foundation would end. Well, the short version is that Sam asked me if I would be willing to become the Program Director of what was then the Northeast Division of the Foundation.

Sam's offer was exciting. I explained to him that for the program to succeed, it would have to serve the interests of the audience -- veterinary pathologists, working in industry in the practice of toxicologic evaluation. This audience needs continuing education in the interdisciplinary areas of comparative pathology, biology, toxicology, pharmacology, experimental therapeutics, regulatory issues of product development, and related fields. As such, we would need day-seminars with multiple speakers on topics of "work interest" (not classes, courses or curricula modeled after academic training programs in veterinary pathology). Much to my surprise, Sam agreed.

Before saying "yes", I also had to have the support of my workplace. At the time, I was the Director of General Pathology (responsible for "regulatory pathology") in the Department of Pathology and Toxicology at Hoffmann-La Roche, headed by Dr. Emil Pfitzer. The section was the "slide pushers" as opposed to Dr. Pfitzer's "golden angels" -- the experimental pathologists in the Investigative Toxicology Section. Fortunately, and to his credit, he agreed and in October 1991, the first day-seminar took place at Roche.



"The Chapel" at Roche in Nutley, NJ - site of many early NE Subdivision symposia.

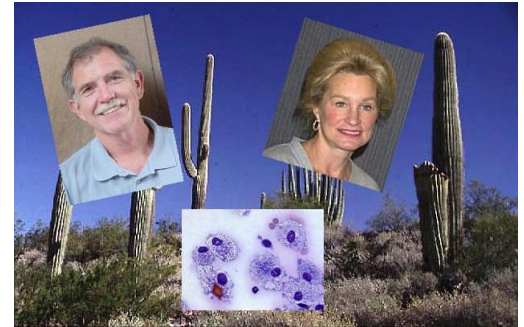
Continued on page 2.....

Table of Contents:

- History of Northeast Sub-Division Program- page 1 & 2
- Cytology Workshop at Tucson ACVP Meeting - page 2
- Cytology for the Anatomic Pathologist - page 3
- Diagnostic Pathology Meeting/Wildlife- page 4
- Laboratory Animal Diseases - page 4
- Topics in Laboratory Animal Medicine - page 5
- Pathology of Mutant Models - page 5
- 24th Annual West Coast Subdivision—page 6
- 1st Annual Korean Division Symposium - page 7
- Diagnostic Pathology Meeting/Lab- page 7
- European Division Pathology Symposium-page 8
- SouthCentral Division 17th Annual Meeting -page 9
- Diagnostic Orthopedic Pathology-page 10
- Calendar - page 11
- Notices - page 12

FOUNDATION'S CYTOLOGY WORKSHOP A HUGE HIT AT TUCSON ACVP MEETING

A near record-breaking crowd of over 200 packed into the Tucson Hilton El Conquistador ballroom for the 2006 CL Davis/ACVP pre-meeting continuing education course. The reason for the overwhelming turnout was the popularity of the two speakers, Dr. Mary Anna Thrall and Dr. Don Meuten, and the applicability of the topic, "Cytology for the Anatomic Pathologist." Drs Thrall and Meuten didn't disappoint as they comprehensively covered cytology of lymph nodes, body cavity effusions, solid organs, and the perennial bane of most anatomic pathologists—bone marrow.



In addition to PowerPoint presentations that covered basic cytological principles, the audience was treated to the real-time diagnostic acumen of the speakers as they challenged each other with video microscope-projected glass slides of clinical cases. Participants termed this "one of the most useful seminars ever attended" and "highly entertaining." A big thank you goes out to Drs Thrall and Meuten for generously giving their time to educate us and to Nikon for supplying the high quality microscopes and video camera.

If you missed this outstanding CE opportunity, don't despair – Drs. Thrall and Meuten will present the workshop again in Boston on 23 June 2007. For more information, visit: <http://www.cldavis.org/courses/upcoming.html#cytology>

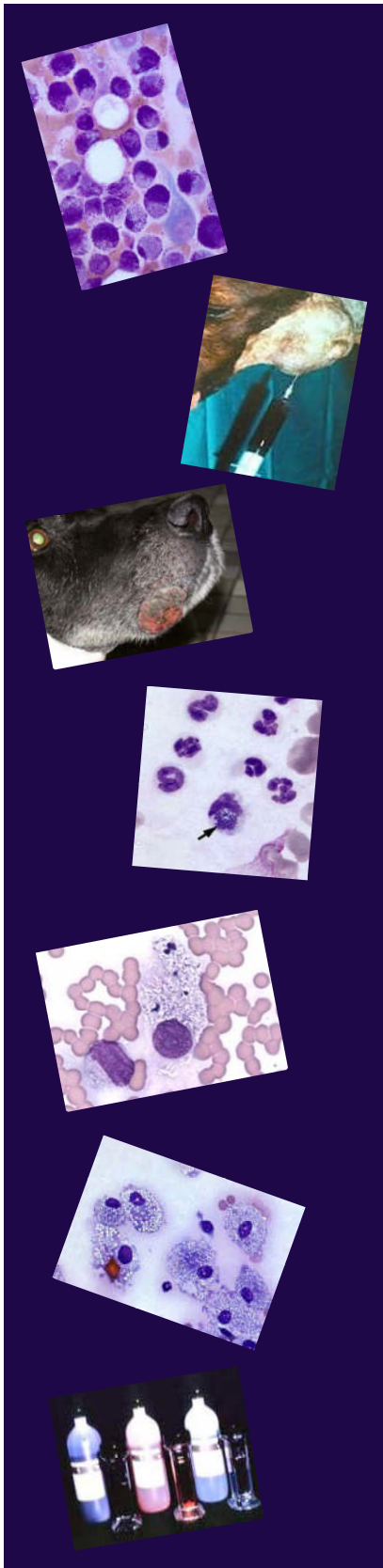
Continued from page 1, Northeast Subdivision.....

The program's original goal was to conduct four day-seminars a year, and this has been very nearly accomplished thanks to the generous support of numerous sponsoring/hosting companies and institutions. From October 1991 through the autumn of 1994, Roche sponsored and hosted all day-seminars. The site was an idyllic off-campus building known as "The Chapel" (used by Roche for management training) that had additional advantages of a separate parking lot and accessible food service. Unfortunately, this successful run was interrupted by Roche's "downsizing" and my concurrent establishment of Patoximed Consultants, my independent full-time practice. However, the day-seminars resumed in the fall of 1995, now hosted on a rotating basis in New Jersey and Pennsylvania by companies such as Bristol-Myers Squibb (in New Brunswick and Princeton), Merial, Merck, Novartis, and Rhone-Poulenc Rorer/Sanofi-Aventis and of course, Roche. This lineup has even included a day-seminar co-sponsored by Charles River Preclinical Development/Pathology Associates International and Bristol Myers-Squibb in the latter's New Brunswick facility.

Allow me to close this section with another recollection (and a bit of local pride) if I may. In light of the reputation that my home state of New Jersey has received at the hands of numerous pundits and humorists, I would point out that it was here that the first meetings of the Davis Foundation and, separately, of the Society of Toxicologic Pathology (another organization founded by – who else – Sam Thompson) took place. The Foundation's first meeting (on immunopathology) was in Leonia, at the home of a dear and admired friend, the late Dr. Arthur Hurvitz. The first meeting of the Society (known at that time as the Society of Pharmacological and Environmental Pathologists) was in East Hanover, at Sandoz Pharmaceuticals. I view the activities of the Northeast Subdivision as a natural outgrowth of the values on which these two great organizations were founded. In this context, I feel honored in serving the veterinary profession and society via the international advancement of veterinary and comparative pathology. Little did I know at the time what Sam's drink would lead to!

Next month: The evolution of the day-seminars and exciting future plans for the Subdivision.

CYTOLOGY FOR THE ANATOMIC PATHOLOGIST AND "HIGH-SPEED" PRACTITIONER



Date: June 23, 2007

Location: Varis Lecture Hall, Tufts University College of Veterinary Medicine

PROGRAM DIRECTOR:

Nicola Parry, BVSc

Tufts Cummings School of Veterinary Medicine

North Grafton, MA.

Telephone: (508) 887-4971 ext 84971

E-mail: nicola.parry@tufts.edu

Dr. Donald Meuten, DVM and Dr. Mary Anna Thrall, DVM bring their heralded one-day cytology workshop to the Tufts Cummings College of Veterinary Medicine. This short course and wet lab is designed for the pathologist or skilled clinical practitioner that wants to acquire or expand their skills in diagnostic cytology. The lectures in this eight-hour symposium include the general approach to evaluating cytologic preparations, recognition of various preparation artifacts, and the interpretation of a wide array of specimens including inflammatory and infectious lesions, neoplasms, and bone marrow, as well as tips on crafting an appropriate written description for a cytologic specimen. A portion of the program will consist of projection of actual cytologic slides with real-time interpretation and a group discussion led by the faculty. Attendees are encouraged to bring their own interesting cases for review and group discussion. Drs. Meuten and Thrall have presented this symposium at a number of venues both for clinicians and pathologists alike, to rave reviews.

A sampling of reviews from their cytology workshop at the recent ACVP meeting in Tucson:

- *"This was the best symposium I have ever attended! Kudos to the planners and the speakers"*
- *"Both presenters gave excellent presentations—easy to follow and full of practical tips."*
- *"A great presentation given with the insight that only true professionals can impart. A pleasure to attend"*
- *"Great presentations: didactic, entertaining, practical and useful"*
- *"A great double act!...LOVED the point-counterpoint repartee between Don and Mary Anna. Made talk much more fun and interesting."*

TUITION: \$125.00

For more information, visit the C.L. Davis website at:

<http://www.cldavis.org/courses/upcoming.html#cytology>

DIAGNOSTIC PATHOLOGY OF DISEASES OF AERIAL, TERRESTRIAL AND AQUATIC WILDLIFE

Date: April 4-6, 2007

Location: Covance Laboratory Learning Center, Madison, WI

Program Director: Scott D. Fitzgerald, DVM, PhD: Diagnostic Centers for Population & Animal Health, Michigan State University, P.O. Box 30076, Lansing, Michigan, 48909, Telephone 517-353-1774; E-mail: Fitzgerald@dcpah.msu.edu

TUITION: Foundation members \$300, non-members \$375. Attendance is limited by the seating capacity of the auditorium to 99 individuals. SO....get your application in early! Each attendee will receive a copy of the 4th edition of the NECROPSY BOOK by Drs John King, Lois Roth and David Dodd.

"This program was reviewed and approved by the AAVSB RACE program for continuing education. Please contact the AAVSB RACE program at race@aavsb.org should you have any comments/concerns regarding this program's validity or relevancy to the veterinary profession."

For more information and registration form visit: <http://www.cldavis.org/courses/upcoming.html#3>

WORKSHOP & SYMPOSIUM ON LABORATORY ANIMAL DISEASES

Date: 18 - 21 April, 2007

Location: Chicago, Illinois, U. S. A.

Keynote Lecture: "Diseases of the Mouse" - Stephen W. Barthold, DVM, Ph.D. Center for Comparative Medicine, University of California, Davis, California,

The Midwest Div. of The Charles Louis Davis, D.V.M. Foundation in Co-sponsorship with The Biologic Resources Laboratory (BRL) of The University of Illinois at Chicago will present a Workshop and Symposium on Laboratory Animal Diseases commencing Wednesday the 18th of April and continuing through Saturday the 21st of April, 2007.

Program Director: JAMES E. ARTWOHL, D.V.M., (312) 996-1217 or E-mail: jeart@uic.edu.

Symposium: The Symposium will commence at 8:00 AM on Saturday the 21st of April and continue to 4:00 p.m.. The Symposium will be held in the first floor auditorium of The Molecular Biology Research Building, 900 South Ashland Street, Chicago, Illinois (Weekend entry is through the Marshfield Street entrance). Parking is available in the parking structure at the corner of Taylor & Paulina streets. Lunch will be provided for attendees of the Symposium at the meeting site.

Workshop: The Biologic Resources Laboratory's collection of study materials will be available for review, at the BRL, 1840 West Taylor Street, Chicago, Illinois, beginning at 8:30 AM, Wednesday the 18th of April and continuing through Friday the 20th of April. The 2 x 2 slide collection includes 14,000 kodachromes many of which have been digitalized on laboratory animal diseases and management. In addition 3,000 glass micropathology slides with histories and sixty-six T60 video tutorials, of The Foundation's Independent Study Center at The Biologic Resources Laboratory, will be available for individual and/or group study. Microscopes, Projectors (2x2 and LCD), and VCRs will be available at The Biologic Resources Laboratory.

Practical Examinations: Members of the senior staff of The Biologic Resources Laboratory will give a simulated practical examination, in the morning of Friday the 20th of April.

Seminars: Members of the senior staff at the Biologic Resources Laboratory will present seminars in the afternoon of Friday the 20th of April on Primate Pathology Quiz, Rat and Rabbit Pathology Quiz, Regulations Seminar, and Lab Animal Equipment Seminar.

TOPICS IN LABORATORY ANIMAL MEDICINE WORKSHOP

Date: May 17-20, 2007
Location: College of Veterinary Medicine - North Theater
North Carolina State University
Raleigh, NC, USA

The Workshop will present relevant topics in laboratory animal medicine with an emphasis on the primary species and recent literature. Registration for the workshop is required .

The Laboratory Animal Medicine Mock Exam on Saturday, May 19th is open to all interested individuals and does not require registration to the workshop.

TUITION: Co-sponsor's staff : \$0
Foundation Members: \$250
Nonmember (in effect become members): \$325

Individuals wishing only to attend the Mock Exam should complete the registration form at <http://www.cldavis.org/courses/upcoming.html#9>

PATHOLOGY OF GENETICALLY ENGINEERED RODENTS AND AQUATIC SPECIES, AN INTRODUCTION TO PHENOTYPING

Date: July 25-27, 2007
Location: Covance Laboratory Learning Center, Madison, WI

The C.L. Davis Foundation, Comparative Pathology Division, announces a new annual symposium: Pathology of Genetically Engineered Rodents and Aquatic Species, an Introduction to Phenotyping, July 25-27, 2007, at the Covance Laboratory Learning Center, Madison, WI.



This new symposium targets veterinarians, pathologists (MD, DVM, VMD) and scientists who are becoming more involved in the phenotyping aspects of functional genomics (functional genetics) initiatives in rodents and zebra fish. Common pathologic findings (phenotypes) that are relevant to identifying and validating new or induced phenotypes will be emphasized. The intensive 3-day program includes an evening poster session on phenotypes and phenotyping strategies, and an evening virtual microscopy slide conference. Registrants are invited to submit relevant abstracts for the poster session, and/or a glass slide to be presented in the slide conference (submission instructions below).

Tuition: \$300 for Foundation members, \$375 for non-members (includes membership in the C.L. Davis Foundation).

Syllabus: Electronic handouts will be provided to participants via CD-ROM and will also be downloadable from the Davis Foundation Website (<http://www.cldavis.org/courses/upcoming.html#10>) in advance of the program. Printed handouts will be available at the conference for an additional \$50 payable with tuition.

"This course has been submitted (but not yet approved) for 22 hours of continuing education credit in jurisdictions which recognize AAVSB's 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 Britt, 501 907 2435 for further information"

24TH ANNUAL WEST COAST SUBDIVISION MEETING

Date: April 27th and 28th, 2007

Location: Asilomar Conference Grounds, Pacific Grove, CA

The 24th Annual Meeting of the West Coast Subdivision of the CL Davis DVM Foundation (also known as the West Coast Veterinary Pathology Conference) will be held at the Asilomar Conference Grounds on the beautiful Monterey Peninsula coast in Pacific Grove, CA from 12:00 noon on Friday, April 27th through 12:00 noon on Saturday, April 28th. The format for this year's conference will be very similar to that of previous years, with case presentations by conference attendees on Friday afternoon, and two keynote presentations on Saturday morning: "Tracking Down Emerging Wildlife Disease on 3 Continents: Implications for Conserved Species and Zoonotic Potential" by Dr. Richard Montali (emeritus National Zoo) and "Tracking Down Emerging Diseases in the Shelter Environment: Outbreak Investigation" by Dr. Patricia Pesavento of UC Davis.

This will mark the fifth consecutive year that the West Coast Subdivision Meeting will be held at Asilomar; following four highly successful meetings the previous four years. Due to the increased costs associated with holding the conference at Asilomar, particularly the cost of housing, the meeting registration fee (which includes housing and four meals) will again of necessity be somewhat higher than it was before the meeting moved to Asilomar. For CL Davis Foundation members requesting a room by themselves, the cost for conference registration/room/meals will be \$250, while for CL Davis Foundation members sharing a room, the cost will be \$190. For non-CL Davis Foundation members requesting a room by themselves, registration/room/meals will be \$325, while for those sharing a room, registration/room/meals will be \$265 (the additional \$75 will go toward 2007 CL Davis Foundation membership). If you would like to have a spouse or guest share your room with you, the base charge will be \$190, with an additional charge of \$125 for the first guest, and \$75 for each additional guest after the first. If you will not be staying at Asilomar overnight, the registration fee will be \$140 for CL Davis members and \$215 for non-members. Registration will cover lunch and dinner on Friday, and breakfast and lunch on Saturday.

If you would like to stay an additional night or nights at Asilomar (either before or after the conference), please contact Asilomar directly at (866) 654-2878 or register via their web site <http://www.visitasilomar.com/reservations.aspx>. Please mention that your extended stay is in conjunction with the West Coast Veterinary Pathology Conference, Reservation #21W3L7.

Pathology trainees (residents and graduate students) will have a reduced fee of \$90, while veterinary students will have a further reduction in their fee to \$50. In order to qualify for these greatly reduced fees, the status of trainees and veterinary students MUST be certified by an advisor's or faculty member's signature. Trainees and veterinary students will be housed 3 to a room.

Please send your registration materials and checks for payment to:

Dr. Dimitry M. Danilenko
Genentech, Inc.
Department of Pathology
One DNA Way; MS 72B
South San Francisco, CA 94080
Fax: (650) 225-8989

If paying by check, please make the check payable to "CL Davis DVM Foundation".
If paying with a credit card, please fill out the appropriate information on your registration form.

In order to guarantee a room at Asilomar, registration and payment MUST be received NO LATER THAN February 26th, 2007! The Asilomar Conference Grounds are completely booked on the days of our conference, so if I do not receive your registration on time, you will likely have to stay off-site!



For information, please contact Dr. Dimitry Danilenko at (650) 225-2672 or at ddanilen@gene.com. For general information about the Asilomar Conference Grounds, you can visit their website at <http://www.visitasilomar.com/>

This course has been submitted (but not yet approved) for 16 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 Britt at (501) 907-2435 for further information.

FOUNDATION HOLDS FIRST KOREAN SYMPOSIUM

in Collaboration with the National Veterinary Research and Quarantine Service
and the Korean Pig Industry Research Society

Date: May 9-11, 2007

Location: Lecture Hall, National Veterinary Research & Quarantine Service, Anyang. Seoul, Korea.

The C.L. Davis Foundation is proud to announce its first annual Korean Symposium, given in conjunction with the Korean Pig Industry Research Society and the National Veterinary Research and Quarantine Service. This year's symposium is entitled "Gross Pathology of Livestock" and will be held on May 9 - 11 at the Lecture hall of the NVRQS, in Seoul. This new symposium targets pathologists, meat hygienists, and pathologists in training and is open to participants both within Korea and neighboring nations. The symposium focuses on the gross morbid pathology of common diseases of food animals; in addition, lectures on the elements of gross diagnosis and description will be presented. Periods of the symposium have been dedicated to case presentation via digital photos submitted by participants, and group discussion, as well as extended opportunities for interaction between participants and faculty.

For more information and registration form visit: <http://www.cldavis.org/courses/upcoming.html#8>

Case imagery for group discussion submission deadline is 1 May 2007.

Case discussion photo with signalment should be submitted to the Dr. Mun-iL Kang by E-mail mikang@nvrqs.go.kr on or before 1st May, 2007.

For additional information about the program, submissions, or sponsorship, contact: nypark@chonnam.ac.kr

ACLAM JOINT SEMINAR ON DIAGNOSTIC PATHOLOGY OF LABORATORY ANIMAL AND EXOTIC SPECIES

Date: Saturday, May 5, 2007

Location: Loews Ventana Canyon Resort, Tucson, Arizona

Program Director: Charles A. Montgomery, DVM, DACVP, DACLAM, Tel: 918-253-6031 or E-mail: compath@lrec.org

Speakers:

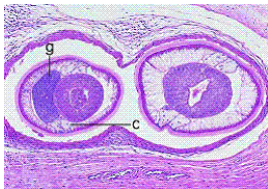
Host Response to Injury in Laboratory Animals – Differential Diagnosis and Keys to Problem Solving:

Dr. Charles Montgomery

This four hour presentation will describe teaching and diagnostic tools, thought processes and algorithms used to determine pathologic diagnoses in laboratory animal diseases and organ systems. The lecture will include gross and histopathologic lesions, clinical pathology data, histochemistry, immunohistochemistry and imaging examples in over 20 species of animals.

Identification of Protozoan and Metazoan Parasites in Histological Sections: Dr. Chris H. Gardiner

Protozoan and metazoan parasites are often found in both biopsy and autopsy histological sections. Frequently, proper identification of these parasites is required to initiate appropriate treatment in herd-health measures. This course will provide the basic information necessary to recognize and identify these parasites in histological section. This will be accomplished with a two part illustrated, didactic lecture by Chris H. Gardiner, Ph.D., of the Army Medical Department, Fort Sam Houston, TX, and Consultant to the Registry of Veterinary Pathology, Armed Forces Institute of Pathology, Washington, D.C. The lectures will be on the morphological features of protozoan and metazoan parasites in histological section and diagnostic case studies, illustrating how the knowledge of these minute features can easily lead to diagnosis in over 20 interesting cases from zoo and wild animals. At the end of the symposium, attendees will have a better understanding of the morphological characteristics used to identify parasites in histological section.



As a bonus, all registrants will receive a copy of the text "An Atlas of Metazoan Parasites in Animal Tissues," authored by Dr. C.H. Gardiner, recently reprinted, and is a \$35.00 value. This well-illustrated atlas is considered to be the definitive text for veterinary pathologists and laboratory animal veterinarians.

For more information and registration form visit: <http://www.cldavis.org/courses/upcoming.html#7>

EUROPEAN DIVISION PATHOLOGY SYMPOSIUM

Date: August 27-29, 2007

Location: Munich, Germany

Primary Subjects: Advanced Techniques in Pathology; Diagnostic Cytology; Immunopathology; Mammary and Odontogenic Tumors in Domestic Animals

TUITION:

Please see registration form.

ACCOMMODATION AND CONFERENCE FACILITIES:

The conference will take place at the University of Munich, Plenary A14, immediately preceding the ESVP meeting. Please book a room at the Park Hotel Schwabing on <http://www.parkhotel-schwabing.de/>, which has a variety of rooms at different prices.

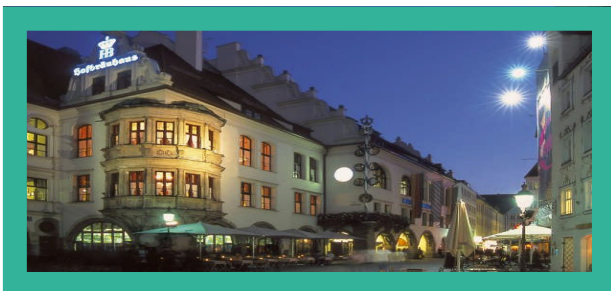
C. L. DAVIS EUROPEAN DIVISION TRAVELLING SCHOLARSHIP AWARDS:

The CL Davis European Division has funds to sponsor three awardees to attend the European Division Pathology Symposium. The award will comprise a grant of 300 euros towards the cost of travel and accommodation. There will be no registration fee. These scholarship awards are open to veterinary pathologists in training in European Veterinary Schools or Research Institutes. Preference will be given to applicants who are studying for higher degrees or who wish to gain further qualifications in pathology.

Prof. Alun Williams
Dept of Veterinary Pathology and Infectious Diseases
Royal Veterinary College
Hawkshead Lane
North Mymms
Hatfield, Hertfordshire AL9 7TA
United Kingdom
Tel: +44 (0)1707 666572
Fax: +44 (0)1707 666298
Email: alunwilliams@rvc.ac.uk



Applicants should send a Curriculum Vitae giving full details of their pathology experience and career plans together with a nomination by their Head of Department to:



Closing date: 1st August 2007

Dr Elizabeth McInnes
HLS
Woolley Road
Alconbury
Cambs
PE28 4HS, United Kingdom
Tel: +44 (0) 1480 89 2716
Fax: +44 (0) 1480 89 3033

Email: McInnesE@UKOrg.Huntingdon.com

SOUTHCENTRAL DIVISION 17th ANNUAL MEETING

Date: October 5-6, 2007

Location: Galveston Island, Texas

Keynote Lecture: "Primary Pathology" - Joe H. Simmons, DVM, PhD, DACLAM, Director of Diagnostics, Charles River Labs

The Charles Louis Davis, D.V.M. Foundation will present the 17th Annual Program of the Southcentral Division for members and guests, Friday and Saturday, October 5 & 6, 2007 at The San Luis Resort, Spa and Conference Center, Galveston Island, Texas (<http://www.sanluisresort.com>). The registration contribution will include a group Friday lunch and dinner, a CD-ROM of the meeting results and the Atlas of Metazoan Parasites in Animal Tissues by CH Gardiner and SL Poynton and the 2008 membership for current non-members and 10 hours on CE credit. Families are welcome to join us for the dinner.

Attendees are also invited to present a 15-minute report to the group on an interesting case. **Please send 40+ (50 if possible) stained microslides with case information (and diagnosis, comments, applicable references on a separate page) for redistribution to participants by September 10th.**

Local Arrangements: Dr. James Britt (501) 907-2435;E-mail: jbritt@aripc.org

Location and Lodging: The San Luis Resort, Spa & Conference Center, 222 Seawall Boulevard, Galveston, TX 77551 Tel: (800) 445-0090 \$132.00 single or double (Reserve by 9/6/07) (ask for "C.L. Davis")

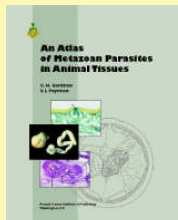
Tuition: Members: \$175.00, Non-members: \$250.00, Extra Dinner Guests/Spouses: \$ 35.00

Slide sets to: Dr. Barbara Lewis
Texas Veterinary Medical Diagnostic Laboratory
1 Sippel Road
College Station, TX 77841-3040
Phone (979) 845-3414
E-mail: Blewis@tvmidl.tamu.edu

"This program was reviewed and approved by the AAVSB RACE program for continuing education. Please contact the AAVSB RACE program at race@aavsb.org should you have any comments/concerns regarding this program's validity or relevancy to the veterinary profession. " For more information and registration form visit: <http://www.cldavis.org/courses/upcoming.html#11>

Newly Reprinted!

An Atlas of Metazoan Parasites in Tissue Section
by Christopher H. Gardiner, Ph.D. and Sarah L. Poynton, Ph.D.



Identification of metazoan parasites in animal tissues is often difficult and confusing. The purpose of this atlas is to create a single reference containing illustrations of the numerous species of metazoan parasites and an easy-to-use approach for identifying them in tissue section. Dr. Gardiner's approach and illustrations are far superior to any similar texts on the market, either past or present. This previously out-of-print volume is a must-have for veterinary pathologists, laboratory animal practitioners, and trainees in these fields.

On-line at <http://www.cldavis.org>

AAVLD/USAHA JOINT MEETING ON DIAGNOSTIC ORTHOPEDIC PATHOLOGY

Date: October 19, 2007

Location: John Ascuaga's Nugget, Reno, NV

The Charles Louis Davis DVM Foundation will be conducting an eight-hour continuing education symposium entitled "Diagnostic Orthopedic Pathology" on October 19, 2007.

COURSE DIRECTOR: Matti Kiupel (Michigan State University) and invited guest lecturers Roy Pool (Texas A&M University), and Steven Weisbrode (The Ohio State University).



The following topics will be covered: bone-specific reactions to injury including normal and altered endochondral ossification (eg. osteopetrosis, growth retardation lattice etc.), normal bone modeling and adaptation to altered mechanical use, normal bone remodeling and diseases of imbalanced remodeling (eg. osteoporosis, osteosclerosis etc.), normal woven bone in development of cortical bone and responds of the periosteum to injury; from radiographs to morphological diagnosis including necropsy bone/joint tissue specimen selection and expedient processing for diagnostic slides, needle/trephine biopsy site selection, processing and common errors, radiographic features that help distinguish between benign and malignant processes and interpretation of common bone diseases based on examination of growth plates; tumors and tumor-like diseases of bones, joints and

tendon sheaths, articular cartilage and pathogenesis of joint diseases, role of the vasculature in bone, cartilage in the pathogenesis of bone and joint infection. Didactic lectures will be combined with audience participation to result in an engrossing day-long seminar. CL Davis is an approved CE provider.

Don't miss out on what promises to be another exciting C.L. Davis/AAVLD co-sponsored symposium.

TUITION of \$125 includes refreshments, CD of presentations and continuing education credits. The tuition fee will be waived for the winners of the travel award.

Please pre-register to guarantee receipt of materials. Registration is through C.L. Davis and is separate from meeting registration fees.

Additional information and registration materials are available at the:

CLDavis Foundation Web site: <http://www.afip.org/CLDavis> or call 847-367-4359.

"This program was reviewed and approved by the AAVSB RACE program for continuing education. Please contact the AAVSB RACE program at race@aavsb.org should you have any comments/concerns regarding this program's validity or relevancy to the veterinary profession."



April 4 - 6	Diagnostic Pathology of Diseases of Aerial, Terrestrial and Aquatic Wildlife Madison, WI http://www.cldavis.org/courses/upcoming.html#3	June 23	Cytology for the Anatomic Pathologists and "High-Speed" Practitioner http://www.cldavis.org/courses/upcoming.html#cytology
April 18 - 21	Workshop & Symposium on Laboratory Animal Diseases, Chicago, Illinois http://www.cldavis.org/courses/upcoming.html#4	July 25-27	Pathology of Genetically Engineered Rodents and Aquatic Species. Madison WI http://www.cldavis.org/courses/upcoming.html#10
April 23-27	European Course on Toxicologic Pathology, France http://www.eurotoxpath-2007.com	Aug 27-29	European Division Annual Meeting Munich, FRG http://esvp2007.vetmed.uni-muenchen.de/
April 27-28	24th West Coast Subdivision Meeting, Pacific Grove California http://www.cldavis.org/courses/upcoming.html#5	Sept 20	CLD/AAZV Zoo and Wildlife Path Workshop, Tampa, FL
May 2007	43rd International Symposium on Zoo and Wildlife Disease, Edinburgh, Scotland http://www.lifelong.ed.ac.uk/cpd/courses/vetmed?Course=K1201	Sept 17-22	Health and Colony Management of Laboratory Fish, Salisbury Cove, Maine http://www.mdibl.org/courses/fishhealth07.shtml
May 5	2nd Annual Aquatic Animal Medicine Conference (IAAAM), Orlando, FL http://www.cldavis.org/courses/upcoming.html#6	Oct 5 - 6	2007 Southcentral Division Annual Meeting Galveston, TX http://www.cldavis.org/courses/upcoming.html#11
May 5	Diagnostic Pathology of Laboratory Animal and Exotic Species Tucson, Arizona http://www.cldavis.org/courses/upcoming.html#7	Oct 19	CLD/AAVLD Annual Meeting Reno, NV http://www.cldavis.org/courses/upcoming.html#13
May 9-11	First Annual Charles Louis Davis Korean Symposium, Anyang. Seoul, Korea. http://www.cldavis.org/courses/upcoming.html#8	Nov 22-24	South and Eastern Africa Annual Symposium Kampala, UG
May 17 - 20	Topics in Laboratory Animal Medicine Carolina State University, Raleigh, NC http://www.cldavis.org/courses/upcoming.html#9	Nov 9	CLD/ACVP Diagnostic Pathology Symposium Savannah, GA
		Nov 9	CLD/Aust Soc. Of Vet Path Meeting Melbourne, Australia
		2008 June 19-22	13th International Congress on Infectious Diseases. Kuala Lumpur http://www.isid.org/13th_icid/

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