Nearly 50 pathologists, residents, clinicians, and veterinary students joined us for the 24th annual Davis-Thompson Foundation/American Association of Zoo Veterinarians Zoo and Wildlife Pathology Workshop. The topic this year was fungal diseases and our keynote speaker was Dr. Shawn Lockhart, director of the Fungal Reference Laboratory at the Centers for Disease Control and Prevention in Atlanta. His keynote lecture was entitled "Emerging Fungal Diseases in Animals and Humans".

Following Dr. Lockhart's presentation, pathologists from around the world presented cases illustrating significant fungal diseases of wildlife. The afternoon session continued with the same theme, but also included examples of the most interesting cases pathologists and clinicians have seen over the previous year.
Highlights included cases of White Nose Syndrome in bats, Lobomycosis in a dolphin, *Ophidiomyces* in a water moccasin, and a presentation on the cytology of fungal diseases. Dr. Lockhart provided excellent commentary after each presentation, which was followed by questions from workshop participants, all of which led to a lively and stimulating discussion.

This workshop continues to be one of the most well attended of the entire AAZV meeting, and received excellent reviews from participants. Next year’s workshop will be held in conjunction the joint meeting of the American and European associations of zoo veterinarians, meeting in Prague, the Czech Republic.

-Bruce Rideout
Join us for an intensive 4-day session on concepts in general pathology. The course will include: a pre-meeting STUDY GUIDE that includes a reference list of important and recent articles (chosen by the faculty), practice exams, and round table "breakout sessions"

NEW! Online Registration: www.regonline.com/2018genpathreview

Preliminary Program:

THURSDAY, JANUARY 18

Cellular responses to injury
Jose Vilches-Moore, Stanford Univ.

Hemodynamics
D.M. Imai & A. Kol, UC Davis

Breakout session
Reinforcing cell responses to injury with ultrastructure

FRIDAY, JANUARY 19

Inflammation and repair
E. Bahl, Joint Pathology Center

Immunity and hypersensitivity
P.W. Snyder, EPL, Inc.

SATURDAY, JANUARY 20

Neoplasia
K. Woolard, UC Davis

Toxicologic Pathology
B. Bolon, GEmpath, Inc.

SUNDAY, JANUARY 21

Microbial mechanisms of disease
P.A. Pesavento, UC Davis

Breakout session

PRACTICE EXAM
2017 Southcentral Meeting – Going Strong at 27!

Our annual post-hurricane slide conference at Texas A & M University – Galveston (the Sea Aggies) on October 6-7 was well attended this year, with a large turnout of 34 attendees presenting 28 case reports. Most were from TAMU and Louisiana State University with many other individuals as well. Five veterinary students from TAMU and one from LSU presented case reports and they were as well prepared as the others. Most cases ran about 12-15 minutes each with time for some questions and comments from the informal group. Many of these were conditions that you should be familiar with in a diagnostic setting and for board preparation, but that you don’t commonly see, making it rewarding for both trainees and diagnosticians.

Dr. Ed Dick again put together great presentation books with the submitted case write-ups and thumb drives of all of the cases with images were scanned by Dr. Bruce Williams of the Foundation office and given to each participant for them to review later.

Dr. Ingeborg Langohr was the invited speaker. She had a 2-hour presentation on Ocular Pathology which was very well received. She had outstanding images and a good review and update on many conditions that we don’t commonly see. She had a wealth of collected information; she had enough material for a much longer session. Her review of the different anatomic portions of the eye was great and her discussion of what to look for with glaucoma was also excellent.

The meeting took a Friday lunch break at the cafeteria in the Student Center in our host facility and we again gathered for the highlight of the meeting, our annual Friday night banquet dinner at Landry’s Seafood House on the gulf, with the traditional key lime pie and bread pudding desserts. We finished the cases Saturday morning and adjourned to find our way home or to enjoy the nice weather and scenery on Galveston Island.

The 28th meeting is planned for October 5-6, 2018 at TAMU-Galveston to again offer at least 10 C.E. hours. We hope to meet in their new pavilion on the water, and Dr. Fabio del Piero has been invited to give his mystery slide and gross mock exam.

Submitted by Jim Britt, 501-912-1449 - jobritt@sbcglobal.net
Davis-Thompson Foundation Pathology Externship

Since 1980, the Davis-Thompson Foundation lab sites have hosted more than 125 veterinary students at 8 participating diagnostic laboratories. These students usually have a strong interest in pathology itself or zoo or poultry medicine that require a strong pathology background. The Foundation is always interested in having veterinary students apply for an externship and we would like to add more externship sites that do not usually have veterinary students, to help increase their interest and knowledge of pathology with some off-campus experience. For more information, contact Dr. Jim Britt, jobbritt@sbcglobal.net; 501-912-1449.

Retiring?

Have slides left over from your recent slide seminar? Just looking to free up some storage space? The Foundation is looking for additional glass slides, kodachromes and other similar materials for its Correspondence Division and Study Centers. All materials should be well-identified with as much accompany history and discussion as possible, as these materials are expressly used for teaching. Moreover, as the Foundation is a publicly donative charity, all donated materials are tax-deductible. For more information, please contact Dr. Bruce Williams at williams@cldavis.org.

From the Davis-Thompson Foundation Store

What is the largest selling book ever in veterinary pathology?

You may not know this, but John King’s Necropsy Book (now in its fifth edition) has sold more copies around the world than any other book in our specialty. Pocket-sized and packed with down-to-earth knowledge when you need it (right there on the necropsy floor), it is a must-have for every pathologist and pathologist in training. This edition contains things that you won’t find in any other pathology textbook – the best autopsy techniques, classic “non-lesions” encountered in various species, even characteristic smells encountered with certain diseases, and all for only $40 (plus $8 for international shipping). To order, visit http://store.cldavis.org or call 1-847-367-4359.
LCPG Travel award for Latin-American meetings

This is the second year that the Latin Comparative Pathology Group (Latin American division of the Davis Thompson Foundation), funded several travel awards to veterinary students and pathologists attending meetings in Latin America. Awards were given to the people mentioned below to attend meetings as follows:

*Sofia Sacco (Argentina): XI Seminar of the Argentinean Subdivision of the CL Davis/SW Thompson Foundation, Buenos Aires, Argentina, 5-7 July, 2017

*Aline Gonçalves (Brazil): XVIII National Meeting of Veterinary Pathology, Brasilia, Brazil, 17-20 July, 2017

*Gustavo Murga (Peru): II Seminar of the Peruvian Subdivision of the CL Davis/SW Thompson Foundation, Lima, Peru, 22-23 August, 2017

*Daniel Cala (Colombia): V International Seminar of Veterinary Pathology and Ichthyopathology, Bogotá, Colombia, 30 August-1 September, 2017

*Diego Yaniez (Chile): V International Seminar of Veterinary Pathology and Ichthyopathology, Bogotá, Colombia, 30 August-1 September, 2017

Each recipient was awarded $200 and a certificate. We sincerely appreciate the LCPG members, whose contributions to the group make possible the teaching and development of veterinary pathology in Latin America.
2018 Gross Pathology Review
Cornell University CVM
Ithaca, NY
11-15 June 2018

Lectures on macroscopic pathology of:
- Horses
- Dogs and Cats
- Ruminants (Large and small)
- Marine Mammals
- Laboratory Small Animals
- Non-human Primates
- Aquatics
- Avian (Domestic and Exotic)
- Swine
- Reptiles and Amphibians
- Zoo and Wildlife Mammals
- Mock Gross Exam

For more information, including tuition, venue, schedule, and accommodations:
http://www.cldavis.org/courses/upcoming.html#21

Registration is now available online:
https://www.regonline.com/2018GrossPathReview

For more information contact:
Course Director: Dr. Eric Lombardini, 719-663-0547
axolotlman2001@gmail.com
Contributors: Santiago S. Diab, DVM, Diplomate ACVP. California Animal Health and Food Safety Laboratory. University of California, Davis.

Clinical history: Approximately 100 out of 240, 3-week-old backyard chicks died within a 2-week period without showing any clinical signs of disease. These chicks were purchased without a vaccination history at day 1 or 2 of life and were not vaccinated by the owner after purchase.

Necropsy Findings: On necropsy, 7 out of 7 chicks had swollen, pale kidneys. Ureters were filled and distended by tan, chalky material. Additionally, 1 out of 7 chicks had widespread deposition of white, chalky material in the pericardium.

Follow-up questions: Gross morphologic diagnosis, possible causes, microscopic morphologic diagnosis, and possible cause/s.

Answers and more info here!

*The Diagnostic Exercises are an initiative of the Latin Comparative Pathology Group (LCPG), the Latin American subdivision of The Davis-Thompson Foundation. These exercises are contributed by members and non-members from any country of residence. - Consider submitting an exercise!
2018 Davis-Thompson DVM Foundation
Descriptive Veterinary Pathology Course
June 18-22, 2018 - Univ. of Minnesota

Lectures, active learning exercises, & mock exams on:

- Gross Pathology
- Microscopic Pathology
- Gross-Micro Correlations
- Ultrastructural Pathology
- Immunohistochemistry
- Cytology for anatomic pathologists

Meet course lecturers, get individual feedback, and mingle with other trainees from around the world!

For more information, including tuition, venue, and accommodations, please visit:
http://www.cldavis.org/courses/upcoming.html#212
To register: please visit: http://www.regonline.com/2018descriptive

Program director: Bruce Williams, DVM, DACVP  bruce.h.williams.dvm@gmail.com
Local host: Rob Porter, DVM, PhD, DACVP  porte349@umn.edu
5th International Seminar on Veterinary Pathology and Ichthyopathology in Bogotá, Colombia

The 5th International Seminar on Veterinary Pathology and Ichthyopathology was held at the Universidad National de Colombia in Bogota, Colombia, from 30 August to 1 September.

The organizing Committee included colleagues from Universidad Nacional de Colombia, Uniagraria, UDCA and CORPAVET. The seminar was sponsored by the Universidad Nacional de Colombia, Uniagraria, UDCA, CLDavis/WThompson Foundation, The Latin Comparative Pathology Group (LCPG), CORPAVET, ITALCOL, Macrosearch, Sanitas and Tecnoaqua.

Drs. Matti Kiupel (University of Michigan), Philip Bergman (VCA), Elizabeth Mauldin (University of Pennsylvania), Jorge Almansa (Universidad Antonio Nariño), Henry Benavides (Clinica Dover) and Jineth Acosta (Universidad Nacional de Colombia) lectured on dermatopathology and oncopathology of small animals. Drs Francisco Uzal (University of California-Davis), Dario Mogollon (Universidad Nacional de Colombia), Maria Antonia Rincon and Jahnier Andres Caicedo (ICA) and Ingeborg Langohr (Louisiana State University) presented on diseases of swine. Pathology and health of tilapia was presented by Drs. Edward Noga (South Eastern Aquatechnologies Inc), Carlos Iregui (Universidad Nacional de Colombia), Miguel Rubio Godoy (INECOL), Paola Barato (CORPAVET) and Gersson Vasquez (ICA). Digital and conventional slide seminars on each of these topics and a tilapia necropsy workshop were also held as part of the seminar.

The seminar was very well attended by ~250 pathologists, practitioners, students and researchers from Colombia, Brazil, Peru, Chile, Ecuador and Honduras, a demonstration of the growing interest in veterinary pathology in Colombia and Latin America in general. Also, the event was the opportunity to thank Dr. Carlos Iregui for his more than 30 years as professor of anatomic pathology at Universidad Nacional de Colombia, during which he trained many young veterinarians and pioneered the development of veterinary pathobiology in Colombia.
Notice of Future Meetings

Continuing Education Symposium 11: Lymphoid and Haemopoietic Systems
Tuesday 20th - Thursday 22nd March 2018
University of Cambridge, UK

Registration for this symposium is now open!

This is an intermediate level symposium covering haematology data interpretation; bone marrow cytology; flow cytometry and immunophenotyping in preclinical immunotoxicity studies; structure, function and histology (including enhanced histopathology) of the spleen, bone marrow, thymus, lymph nodes and MALT; spontaneous and induced pathology of the lymphoid system; development of the immune system; aging of the immune system; CAR T cells; morphologic and ICH criteria for diagnosing mouse neoplasms of the lympho-haematopoietic system; cancer immunology and immune checkpoint inhibitors; translating immunotox data; regulatory requirements; and study design. There will also be workshops/case presentations on lymphoid and haematopoietic system problems which will form an important part of the symposium.

Website: [http://www.bstp.org.uk/events/ces-11-lymphoid-and-haematopoietic-systems](http://www.bstp.org.uk/events/ces-11-lymphoid-and-haematopoietic-systems)

CES 12: Musculoskeletal System, Skin and Mammary Gland
Tuesday 10th - Thursday 12th July 2018
Department of Pathology, Cambridge, UK

Registration for this symposium will open in February/March 2018


33rd Annual Scientific Meeting of the BSTP
Mouse Models of Disease
15th & 16th November 2018

The BSTP's 33rd Annual Scientific Meeting (including the AGM) will cover the topic of mouse pathology. More information on this meeting will be available on the BSTP website by the end of 2017.

BSTP CONTACT DETAILS - BSTP Secretariat, BSTP, PO Box 819, Harrogate, North Yorkshire HG1 9XF UK, Tel: 07894 123 533, Email: bstpoffice@aol.com, Website: [www.bstp.org.uk](http://www.bstp.org.uk). Join our group on LinkedIn – British Society of Toxicological Pathology

Registered Charity No: 1043793
Become a member of the Latin Comparative Pathology Group

LCPG:
- Provides Diagnostic Exercises
- Offers travel awards
- Coordinates externships in US labs for Latin Americans
- Organizes and lectures in Latin American seminars and courses

Learn more at: www.cldavis.org/lcpg_english

LCPG is the proud Latin American Division of the Davis/Thompson Foundation!

Contact Francisco.carvallo@gmail.com to join LCPG!

Membership fees:
$50 - Professionals in US, Canada and Europe
$30  - Professionals in Latin America
$25  - Students in US, Canada and Europe
$15  - Students in Latin America
ACTIVITIES OF THE LATIN COMPARATIVE PATHOLOGY GROUP
AT ACVP ANNUAL MEETING
VANCOUVER, 2017

The LCPG was very active during the recent ACVP annual meeting in Vancouver. In addition to all the networking and scientific activities that our members develop, the following formal activities were done:

1-LCPG scientific session
This already classic session was beautifully organized by Dr. Melissa Sanchez (Antech Diagnostics), chaired by Dr. Francisco (Paco Uzal) and featured 3 wonderful presentations:

- Dr. W. Roger Kelly, University of Queensland, Australia - Principles and deduction in disease diagnosis: an interactive excursion,
- Dr. Francisco Carvallo, University of California, Davis - California Animal Health and Food Safety Laboratory – Retrospective study of fatal pneumonia in racehorses and
- Dr. Claudio Barros, Federal University of Mato Grosso do Sul, Brazil – Important diseases of cattle in Brazil.

The session was very well attended by a large audience composed of more than 60 people, who participated in interesting discussions during and after each presentation.

2-LCPG business meeting
This is the regular business meeting of the LCPG which was attended by several members in person and also via phone conference. Several important items such as LCPG committee rosters and upcoming elections were discussed.

3-LCPG-Davis/Thompson Foundation awards
During the traditional Davis/Thompson Foundation reception, the following awards were presented:

Travel Awards
Dr. Angelica Sanchez Sarmiento, University of Sao Paulo, Brazil.
Dr. Andres Espinoza, Andres Bello University, Chile.

Best Diagnostic exercise 2016
Federico Cifuentes, Universidad Nacional, Chile (Diagnostic Exercise # 76: Mycobacteriosis in a lesser rhea).
CALENDAR OF UPCOMING EVENTS

January 2018
01/18-01/21 – 2018 General Pathology Review, University of California, Davis, CA

April 2018
04/07-04/08 – 2018 Northeastern Veterinary Pathology Conference, MedImmune, Gaithersburg, MD

June 2018
06/11-06/15 – 2018 Gross Pathology Review, Cornell University, Ithaca, NY
06/18-06/22 – 2018 Descriptive Veterinary Pathology Course, University of Minnesota

BOOKSTORE ORDERS
We occasionally have problems with overseas credit card orders through the bookstore. If you find you cannot place your order please email, call or fax the Foundation at phone: 847-367-4359; fax: 847-247-1869; email: cldavisdvm@comcast.net. Make sure you include your name, address, phone, email address and credit card number with expiration date and we will ship your purchase immediately.