The 23rd Annual Davis-Thompson Foundation/AAZV Zoo and Wildlife Pathology Workshop

Workshop participants and presenters included representatives from the United Kingdom, Spain, Chile, Canada, and Uganda.

Over 50 pathologists, residents, clinicians, and veterinary students braved the summer heat in Atlanta to join us for the 23rd annual Davis-Thompson Foundation/American Association of Zoo Veterinarians Zoo and Wildlife Pathology Workshop.

The topic this year was Wildlife in a Changing World – Emerging diseases, climate change, and urbanization. Our keynote speaker was Dr. Kevin Keel, Associate Professor in the department of Pathology, Microbiology, and Immunology, University of California, Davis. Dr. Keel's primary research interest is emerging infectious diseases of wildlife promoted by anthropogenic factors, particularly with white nose syndrome in bats, and emerging diseases of white-tailed deer and wild carnivores. His talk was entitled Emerging Infectious Diseases and the Human Dimensions of Natural Resource Management.
Following Dr. Keel's presentation, pathologists from around the world presented cases illustrating significant wildlife diseases resulting from anthropogenic impacts throughout an interactive morning session. 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 Treponema pododermatitis in free-ranging elk, bronchitis associated with respiratory mites in South American fur seals, intranuclear microsporidiosis in hellbenders, and African Swine Fever in pigs from Uganda.

On the left, Drs. Bruce Rideout (Co-moderator), Kevin Keel (Keynote speaker), and Dalen Agnew (Co-moderator) at the 2016 Davis-Thompson/AAZV Zoo Pathology Workshop at the AAZV meeting in Atlanta, Georgia. Dr. Keel presented: “Emerging Infectious Diseases and the Human Dimensions of Natural Resource Management.” On the right, one of the strengths of this workshop is the mix of clinicians and pathologists that participate and attend. Drs. Dalen Agnew and Kim Thompson gave a joint presentation on a population of fallow deer with a very high prevalence of uterine carcinomas.

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 with the AAZV meeting in Dallas, Texas.

Bruce Rideout and Dalen Agnew
Workshop Moderators

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.

AAVLD Slide Sets Available for Purchase!

Limited numbers of glass slides sets from the AAVLD Diagnostic Pathology Slide Seminars (2011-2014) are available for purchase! A listing of diagnoses for the slides within each set can be viewed here. You may obtain one or more of the sets by submitting an order form to the AAVLD Secretary-Treasurer. (Click here). Proceeds generated from sale of slide sets will be used for pathology resident/graduate student travel awards. Slide sets from 2015 are available for $50 per set plus shipping. Please contact Dr. Francisco Carvallo (fcarvallo@ucdavis.edu) if you require further information.

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!!!
BRITISH SOCIETY OF TOXICOLOGICAL PATHOLOGY

BSTP/AIT Joint Meeting
Thursday 10th – Friday 11th November 2016
Alderley Park Conference Centre, Alderley Edge, Cheshire, UK

Emerging issues in inhalation toxicology and pathology

The annual meeting of the British Society of Toxicological Pathology and the Association of Inhalation Toxicologists (AIT) will bring together many of the world’s leading experts in respiratory pathology, inhaled drug development and inhalation toxicology across all sectors.

The BSTP and AIT AGM’s will be held during this meeting.

Registration for this meeting is still open, to register visit - http://www.bstp.org.uk/events/bstpait-joint-meeting/

The early registration fee is available until 1st October, with registration closing on 16th October 2016.

For further information about the meeting, please contact bstpoffice@aol.com

Continuing Education Symposium 7: Urinary system
Tuesday 6th – Thursday 8th December 2016
University of Cambridge, Cambridge, UK

Registration for this symposium is now open – http://www.bstp.org.uk/events/bstp-ces-7-urinary-system/

If you have any queries or would like to reserve a provisional place, please contact the BSTP Secretariat – bstpoffice@aol.com
Diagnostic Exercise
From The Davis-Thompson Foundation*

Case #: 69 Month: June Year: 2016

Contributor: Isabel Casanova García de Castro*, DVM, ECVP candidate; Prof. Antonio J. Ramis, DVM, PhD, Dipl. ECVP, Associate Professor, Patologia Animal • Facultat de Veterinària, Universitat Autònoma de Barcelona, Bellaterra, Spain.

Clinical History: A 4-month-old male Bernese Mountain Dog puppy showed chronic non-bloody diarrhea for one month, and a few days before death developed respiratory signs (respiratory distress and cough), fever, anorexia, and, lastly, neurological signs (ataxia, marked paraparesis, and myoclonus).

Necropsy Findings: Please see the image below.

Follow up questions: Gross morphologic diagnoses. Name at least two associated macroscopic lesions in other organs. Histological description and morphological diagnosis. Etiology and etiological diagnosis. Differential diagnosis(es). Name two diagnostic techniques to confirm your diagnosis.

Answers 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!
Latin Comparative Pathology Group

LCPG Travel Awards for Latin-American Pathology Meetings

This year, the Latin Comparative Pathology Group (Latin American division of the Davis Thompson Foundation) decided to provide several travel awards to veterinary students and practitioners attending pathology meetings in Latin America. Awards were given to Drs. Melissa Macias Rioseco, Juan Augustin Garcia and Carlos Schild, who attended the X Seminar of the Argentinean Subdivision of the Davis-Thompson Foundation and the X Argentinean Meeting of Veterinary Pathology (RAPAVE) in Esperanza, Argentina on August 24-16; and to Dr. Miguel Carrillo, who attended the 4th Chilean Seminar of the Davis-Thompson Foundation on Gross Veterinary Pathology in Santiago, Chile, on August 30-31. Each recipient was awarded with $200 and a certificate.

We sincerely appreciate the support of the LCPG members, whose contributions to the group enable the dissemination of veterinary pathology in Latin America!

Recipients of the LCPG travel awards in Argentina and Chile. Left – Argentina, right – Chile. From left to right: Dr. Juan Augustin Garcia, Dr. Paco Uzal (LCPG), Dr. Melissa Macias Rioseco and Dr. Carlos Schild. Right: Dr. Paco Uzal (LCPG), Dr. Miguel Carrillo and Dr. Francisco Carvallo (LCPG).
26th Annual Davis-Thompson Foundation South Central Division Meeting
TAMU Galveston Campus
October 7-8, 2016

Reserve your room at the Holiday Inn Resort on the Beach under Davis-Thompson Foundation
(800) 315-2621

Guest Lectures:
- Pathology of Laboratory Zebrafish by Trace Peterson, DVM, PhD, Arkanalabs, Little Rock, AR
- Gross Liver Pathology, Fabio del Piero, DVM PhD, DACVP, Louisiana State University

- Anatomic, clinical pathology and lab animal case reports welcome
- Submit two slides and electronic write-up to Dr. Edward Dick, edick@TxBiomed.org
Visit http://www.cldavis.org/courses/upcoming.html

Course Director:
Dr. Barbara Lewis, 979-845-3414  blewis@tvmdl.tamu.edu Register at cldavis.org

10 Hours of CE credit pending. Please contact Dr. Jim Britt, 501-912-1449; jbrtt@sbglobal.net, for further information.
Diagnostic Dermatopathology

Friday, October 14, 2016
8 am – 5:50 pm
Greensboro, North Carolina
In conjunction with the 59th Annual AAVLD Meeting

Guest Lecturers:
Elizabeth Mauldin
Charles Bradley

Topics include:
✧ Basics of dermatopathology
✧ Epidermal biology and disorders of cornification
✧ Canine cutaneous microbiome and atopic dermatitis
✧ Lupus and related interface disorders
✧ Inflammatory alopecia
✧ Non-inflammatory alopecia
✧ Clinical case correlates

Tuition: $150 includes refreshments, CD of presentations and continuing education credits (8)
Registration is separate from meeting registration fees
Tuition will be waived for the winners of the travel award

Please pre-register to guarantee receipt of materials. Registration and more information are available online at http://www.cldavis.org, or call 847-367-4359
C.L. Davis Foundation Pre-Meeting Workshop

The Identification of Protozoan and Metazoan Parasites in Tissue Section

Saturday, December 3, 2016
8:00 a.m. - 5:00 p.m.
ACVP/ASVCP Annual Meeting in New Orleans, LA

Please join us for a day of parasite discovery with Dr. Chris Gardiner, esteemed author of the companion collection, An Atlas of Metazoan Parasites in Animal Tissues and An Atlas of Protozoan Parasites in Animal Tissues. Dr. Gardiner is also the 2016 recipient of the Robert Farrell Award for Sustained Lectureship Excellence from the Davis-Thompson Foundation.

His discussion will include:
- Morphology of protozoan and metazoan parasites in histological sections
- Interesting cases delineating morphological characteristics of parasites in histological sections
- Laboratory procedures in the preservation of parasites during necropsy for future identification

This exciting course should be of interest to veterinary pathologists, pathology residents, and diagnosticians working with animals.

Register for the pre-meeting workshop when registering for the 2016 ACVP/ASVCP Annual Meeting (www.acvp.org)
Davis-Thompson DVM Foundation
2017 General Pathology Review
January 19-22
University of California, Davis

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”

Registration information coming soon to www.cldavis.org

Preliminary Program:

THURSDAY, JANUARY 19

Cellular responses to injury
F. Chuck Mohr, UC Davis

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

Breakout session
Reinforcing cell responses to injury with ultrastructure

FRIDAY, JANUARY 20

Inflammation and repair
B. Murphy, UC Davis

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

SATURDAY, JANUARY 21

Neoplasia
K. Woolard, UC Davis

Toxicologic Pathology
B. Ecolon, GEMpath, Inc.

SUNDAY, JANUARY 22

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

Breakout session
PRACTICE EXAM
First La Estanzuela Meeting on Animal Health
Second Uruguayan Seminar of the Davis/Thompson Foundation
June 14 and 15, 2016

The 2nd Uruguayan Seminar of the Davis/Thompson Foundation was held, together with the 1st “La Estanzuela” Meeting on Animal Health, on June 14 and 15, at the National Institute of Agricultural Research, La Estanzuela, in Colonia del Sacramento, Uruguay. Colonia del Sacramento is a beautiful town located on the north shore of the Rio de la Plata, about 50 miles across the water from Buenos Aires city (in neighboring Argentina). Both meetings were organized by the Paysandú Veterinary Center, the Animal Health Platform of the National Institute of Agricultural Research, the Uruguayan Sub-Division of the Davis/Thompson Foundation and the Latin Comparative Pathology Group.

The guest speakers were John Edwards, Texas AM University, USA (reproductive diseases of ruminants); Juan Micheloud, National Institute of Agricultural Technology, Argentina (gross and microscopic pathology of the main diseases of cattle and sheep Northwestern Argentina); Ana Lucia Schild, Federal University of Pelotas, Brazil (gross and microscopic pathology of the main diseases of cattle and sheep in Southern Brazil); Fernando Dutra and Rodolfo Rivero, Veterinary Laboratories Division Miguel Rubino, Uruguay (gross and microscopic pathology of the main diseases of cattle and sheep in Eastern and Western Uruguay, respectively). There was much enthusiasm by these presentations and many fruitful discussions were held between the speakers and the eager audience. Both meetings were well attended by 72 veterinary practitioners, pathologists and students from Uruguay, Argentina, Brazil and Colombia. The Uruguayan Sub-Division of the Davis Thompson Foundation was created in 2015 and this was the second very successful seminar.

Opening ceremony of the Davis/Thompson Seminar and Meeting on Animal Health. From left to right: Darío Irigoyen (Director of La Estanzuela), Rodolfo Rivero (President of the Uruguayan Sub-Division of the Davis/Thompson Foundation), Alvaro Roel (President of the National Institute of Agricultural Research), Tabare Aguerre (Minister of Agriculture of Uruguay), Carlos Moreira (Lord Major of Colonia del Sacramento), and Franklin Riet Correa (Director of the Platform on Animal Health).

Some of the participants of the Davis/Thompson Seminar and Meeting on Animal Health. Speakers Juan Micheloud, Ana Lucia Schild, Franklin Riet Correa, John Edwards (back; second, third, fourth and fifth from left, respectively) and Fernando Dutra (front, first from right).
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.

CALENDAR OF UPCOMING EVENTS

**October 2016**
10/07-10/08 – 26th Annual Davis-Thompson Foundation South Central Division Meeting - TAMU Galveston Campus
10/14 – Diagnostic Dermatopathology – Greensboro, North Carolina

**December 2016**
12/3 - CLDF-ACVP Diagnostic Pathology Workshop: Identification of Nematodes and Protozoans in Tissue Sections with Dr. Chris Gardiner

**January 2017**
01/19-01/22 – General Pathology Review – University of California, Davis