In July of 2017, Colorado State University hosted the 43rd Annual Gross pathology review course. Colorado is always welcoming, and one is hard pressed to find a better setting than being nestled in the shadow of the Rocky Mountain National Park in Fort Collins.

Dr. Chad Frank, the co-director of the course provided for excellent facilities, and the weather was perfect throughout. Professor Ana Alcaraz flew out from the West Coast to give her enthusiastic, dynamic and always entertaining lectures on the gross pathology of horses and swine, while CSU faculty Professor Tawfik Aboellial spoke on poultry and ruminants and Professor Frank lectured on the varied small domestic animals.

Dr. Linda Johnson and Dr. Amanda Beck volunteered came in from Denver and New York City to lecture on laboratory animals and non-human primates respectively. Dr. Eric Lombardini filled in the gaps by lecturing on the NEWZ species, scattered throughout the schedule, covering all of the varied non-domestic, zoo and wildlife species that crawl, swim and fly.

Continues on the next page...
The course was robustly attended by over 60 participants covering the globe and coming in from the majority of the veterinary pathology residency programs around the United States, as well as a strong showing of attendees from industry and government agencies to include the USDA and the Department of Defense.

While there was mutual student and faculty angst as to what the ACVP exam would look like this fall once the new format took effect, the faculty performed their level best to assuage the fears of the participants and provide a vigorous, intensive and to a certain extent, exhausting and exhaustive overview of classic lesions in all species. There was excellent give and take between the lecturers and the audience to include the ever-welcome corrections from those participants who are subject matter experts on specific diseases or species, thereby ensuring that subsequent years will benefit from the fine tuning of the lectures.

At the end, the attendees voted on the performance of the lecturers and while the competition was extremely close across the board, Dr. Amanda Beck pulled ahead by a nose to win the CL Davis gross pathology lecturer of the year. From the standpoint of the foundation, the course was a resounding success and hopefully this coming year, when the 44th annual course will be hosted by Cornell University, it will only improve.

We look forward to an equally strong showing this June in and about the beautiful gorges and campus of Cornell!
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. Koi, UC Davis

Breakout session
Reinforcing cell responses to injury with ultrastructure

FRIDAY, JANUARY 19

Inflammation and repair
E. Ball, Joint Pathology Center

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

SATURDAY, JANUARY 20

Neoplasia
K. Woolard, UC Davis

Toxicologic Pathology
B. Bolan, GEMpath, Inc.

SUNDAY, JANUARY 21

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

Breakout session

PRACTICE EXAM
2018 Northeastern Veterinary Pathology Conference
MedImmune, Gaithersburg, MD
7-8 April 2018

1 MedImmune Way, Gaithersburg, MD 20878
Case Presentations- Emphasis on Hepatobiliary Cases
Guest Lecturer Dr. John Cullen-10 Hours RACE CE
To register, visit: www.regionline.com/2018NEVPC
For more information contact Course Director Erin Ball: erin.e.ball5.mil@mail.mil
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
Diagnostic Exercise
From The Davis-Thompson Foundation*

Case #: 82 Month: July Year: 2017

Contributor: Simona Zoppi, DVM; Katia Varello, DVM, PhD; Alessia Di Blasio, DVM, Istituto Zooprofilattico Sperimentale del Piemonte, Liguria e Valle d’Aosta; via Bologna 148, Turin (Italy), 10154.

Clinical history: An adult, female donkey was found dead during mountain pasture (1500 meters above sea level) and brought for evaluation if the cause of death was due to mishandling. The animal was left in the mountain pasture together with other approximately 20 donkeys; during this period snowfall and unavailability of feed occurred. Physical examination of the carcass identified poor condition, thinned fur, pale mucous membranes, and absent left eye due to post mortem predation.

Macroscopic findings:

Liver (left), lung (middle-left), tracheobronchial lymph node (middle-right), tracheobronchial lymph node (Ziehl-Neelsen, 40x; right).

Follow-up questions: Please provide a histological description (including of histochemical findings) and morphological diagnosis; etiology and etiological diagnosis; differential diagnoses; and name of diagnostic techniques to confirm the diagnosis.

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!
IV Chilean Meeting of Veterinary Histopathology and Annual Meeting of the Chilean Society of Clinical Pathology

The IV Chilean Meeting on Veterinary Histopathology took place in Santiago, Chile, on June 9, 10 and 11. The event was organized by Dr. Carlos Gonzalez from Andres Bello University, and sponsored by the Latin Comparative Pathology Group (the Latin-American Division of the CL Davis/W Thompson Foundation). The meeting was held for the first time in conjunction with the Annual Meeting of the Chilean Society of Clinical Pathology, whose organizer was Dr. Carolina Escobar. The event was well attended by more than 80 veterinary pathologists and students from all over Chile, representing different public and private universities, and diagnostic laboratories.

Dr. Brian Murphy (School of Veterinary Medicine, University of California, Davis) presented several comprehensive and enjoyable talks on pathology of the skeletal system and the oral cavity in animals. Other speakers were Dr. Katherine Marcelain (Molecular diagnosis of mammary cancer) and Dr. Felipe Diaz (Laboratory evaluation of urolithiasis), both from the Universidad de Chile, and Dr. Pilar Sepulveda (Metabolic evaluation in dairy cows), from the Universidad Austral de Chile.

The attendees had the opportunity to present and discuss more than 15 selected histological sections. Also, post graduate pathology students presented the results of their current research. This was a great opportunity for pathologists from different generations to meet and share their experiences.

During the meeting the attendees were able to enjoy unusually sunny late autumn days with a striking view of the snow-capped mountains of the Andes. A final dinner took place at the Croatian Club, where Dr. Carolina Escobar delighted the attendees with a stunning performance of aerial dance.

The next meeting is scheduled for 2019 and will be held in Puerto Montt, Chile.
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
Davis-Thompson Foundation Holds Second Annual Pathology Symposium in Peru

From 22-24 August, the Davis/Thompson Foundation held a three-day course at the Veterinary School of the Universidad Mayor de San Marcos, in the San Borja District of Lima. The course was organized by Dr. Rosa Perales. On a lovely urban campus upon which alpaca, equine, and feline mascots roam, Dr. Ingeborg Langohr and Dr. Bruce Williams gave day-long lectures and a third day of autopsy instruction with the help of Professor Chavera.

Day 1 included gross descriptive pathology, with Foundation CEO Dr. Bruce Williams giving five hours of lectures to a packed house on the whys and hows of description in autopsy and surgical pathology. This lecture was packed with practical tips for students and experienced pathologists alike. The day finished with a quick look at typical questions asked on the ACVP certification examination and others like it, in order to let potential candidates see what they are in for. Following the lecture, a small group discussion was held, with graduate students in the path department discussing their cases with Drs Williams and Langohr. A wonderful dinner of chicken and pisco sours capped the first evening.

Day 2 was a daylong masterclass in diseases of pigs by Dr. Ingeborg Langohr, filling a full 6-hour slot. The class was packed with local swine practitioners and members of the university swine research unit, as well as many local teachers and students. Another marathon session with the grad students and their cases got Dr Langohr back to the hotel at 9 pm, a full 12-hour day.

On day 3, Drs Williams, Langohr and Chavera gave an excellent 3-hour autopsy seminar, with Dr. Langohr demonstrating a thorough hour-long autopsy of a pig before turning the assembled twenty-five pig vets and students loose on the four remaining cadavers, which disclosed exudative epidermitis, umbilical hernia, mycoplasma pneumonia, and a potential case of anemia. The course ended with great fun and great lesions. Among the lectures, Dr. Williams found the time to inaugurate the new Peruvian Independent Study Center at the university under the guise of Associate Dean Dr. Rosa Perales.
C.L. Davis-Thompson Foundation Pre-Meeting Workshop

ACVP/ASVCP Annual Meeting in Vancouver, BC, Canada

Pathology of the Liver What’s New and What’s Still True in the 21st Century

Saturday, November 4, 2017 8:00 am – 5:00 pm

John M. Cullen, VMD, PhD North Carolina State University College of Veterinary Medicine

In this session, Dr. John Cullen will provide an overview of the liver of domestic animals in health and disease with an emphasis on dogs and cats. Commonly encountered lesions will be discussed along with a variety of disorders that are newly described or of uncertain etiology. This exciting course should be of interest to veterinary pathologists, pathology residents, and diagnosticians. Audience participation will be encouraged.

Register for the pre-meeting workshop when registering for the ACVP/ASVCP Annual Meeting (www.acvp.org) - Course Director: Dr. Jennifer Chapman chapmanjl@verizon.net
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
The Latin Comparative Pathology Group (LCPG) announces its 2017 edition of the award designed to help Veterinarians from Latin America to do short externships in veterinary pathology in the USA.

AWARDS: TWO AWARDS OF $425.00 EACH
PERIOD OF EXTERNSHIPS: BETWEEN AUGUST 2017 AND JUNE 2018
APPLICATION DEADLINE: DECEMBER 1st, 2017
APPLICATION MATERIAL: LETTER OF ACCEPTANCE PREPARED BY THE SPONSOR OF THE EXTERNSHIP, RESUME, LETTER OF INTENT, PROOF OF VISA TO ENTER THE US

FOR FULL CONSIDERATION PLEASE SEND YOUR APPLICATION TO francisco.carvallo@gmail.com
Pathology for Toxicologists: Principles and Practices of Laboratory Animal Pathology for Study Personnel

by Elizabeth McInnes

9781118755402, April 2017, £45.00, 216 pages

Written by experienced toxicological pathologists, Pathology for Toxicologists: Principles and Practices of Laboratory Animal Pathology for Study Personnel serves to bridge the gap in the understanding of pathology data, enabling non-pathologists to more easily comprehend pathology reports, better integrate pathology data into final study reports and ask pathologists relevant questions about the test compound.

This succinct, fully referenced, full colour book is suitable for toxicologists at all stages of their training or career who want to know more about the pathology encountered in laboratory animals used in safety studies. Key features include important chapters on spontaneous and target organ lesions in rats, mice, non-human primates, mini pigs, rabbits and beagle dogs as well as information on general pathology, macroscopic target organ lesions, ancillary pathology techniques, haematology, biochemistry and adversity.

Pathology for Toxicologists: Principles and Practices of Laboratory Animal Pathology for Study Personnel includes:

- Colour diagrams explaining how lesions are caused by either external compounds or spontaneously
- The anatomic variations and background lesions of laboratory animals
- Advice on sampling tissues, necropsy, ancillary pathology techniques and recording data
- A chapter on the haematology and biochemistry of laboratory animals
- Full colour photographs of common macroscopic lesions encountered in laboratory animals

For further information please go to www.wiley.com/buy/9781118755402
BRITISH SOCIETY OF TOXICOLOGICAL PATHOLOGY

BSTP ANNUAL SCIENTIFIC MEETING
Biologics
Thursday 16th and Friday 17th November 2017
Knutsford, Cheshire, UK

Registration will open late spring/early summer for this meeting.

Although the programme outline is still in the early stages, it is envisaged that there will be 4 or 5 main topics: Biologics, unexpected immuno-biologics and associated pathology, PK exposure, inhaled biologics, biologics – immune-modulators, miscellaneous session on new and emerging areas: CAR T cells.

CES 10: Endocrine system, Tuesday 5th - Thursday 7th December 2017, University of Cambridge
CES 11: Lymphoid & haemopoietic systems, March 2018
CES 12: Musculoskeletal, mammary and skin, July 2018
BSTP Annual Scientific Meeting, November 2018
BSTP – Mouse Models of Disease, December 2018

For further information on any events organised by the BSTP, please contact the BSTP Secretariat - bstpoffice@aol.com or check out the website – http://www.bstp.org.uk/bstp-events/
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.

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, jobritt@sbcglobal.net; 501-912-1449.
It was a night of smiles and photographs, as UCDavis' Linda Lowenstine and Katie Colgrove attest.

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

November 2017
11/04 – Pathology of the Liver What’s New and What’s Still True in the 21st Century, ACVP/ASVCP, Vancouver, Canada

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