CLASS, POLA, and the Clinical Pathology Course Combo Debut at Virginia Tech!

This year, the 14th annual Current Lab Animal Science Symposium (CLASS) and 58th annual (Pathology of Laboratory Animal) POLA courses were held at the Virginia College of Veterinary Medical at Virginia Tech in beautiful Blacksburg, VA. It was combined with the Clinical Pathology Course sponsored by our partners at Virginia Tech to provide over 63 hours continuing education. This collaboration provided attendees one of the broadest ranges of educational information the Foundation has to offer.

CLASS kicked off Saturday morning with course director Dr. Sarah Bro discussing ACLAM boards. Ms. Sarah Norris followed, discussing Statistical methods and Scientific Validity. After lunch, Dr. Ron Banks lectured on the Animal Welfare Act and the consequences on deviations to the Act. Dr. Deb Vanderford wrapped up the day with lectures on the PHS Policy and FAQs related to the Policy.

Day two of CLASS ramped up the information quotient even further for attendees starting off with Dr. Larry Shelton providing lectures on Biosafety in Microbiological and Biomedical Laboratories (BMBL) as well as on BioSafety/Bioccontainment programs. Dr. Dawn Fitzhugh followed on with a brief on current AVMA euthanasia guidelines and personal experiences on best methods for different species. The “home team” at Virginia Tech (consisting of Drs. David Moore, Barry Robert and Nicole Lindstrom) teamed up for a breakdown of The Guide for the Care and Use of Laboratory Animals (better known as “The Guide”) for our attendees.

POLA kicked off on Monday morning with Dr. Nancy Kock delivering an excellent three-hour lecture on nonhuman primates followed by Dr. Paul Facemire on diseases of ferrets.
The lectures series was rounded out by Dr. Cory Brayton discussing everything about the laboratory rat. Following a full day of lecture, our partners at VMCVM, Drs. Kurt Zimmerman, Sarah Hammond and staff provided an extensive tour of the veterinary school. The attendees had the opportunity to tour many of the new and exceptional teach labs. This tour was a huge hit for the staff and course attendees. What an incredible program Virginia Tech has for their students, faculty and staff.

Dr. Kris Helke kicked off the second day of POLA with an excellent lecture on the Pathology of Minipigs. Dr. Tim Cooper followed with a two great lectures on rabbits to wrap up the morning. Dr. Brayton returned to the podium that afternoon to lecture on everything mice. Dr. Facemire wrapped up the lectures with guinea pigs, hamsters and gerbils. Attendees returned that evening for a bonus round taking a Lab Animal Gross Exam given by Dr. Tim Cooper.

The last day of POLA started off with one final lecture with Dr. Brayton wrapping up mice. The course changed gears with Dr. Jeff Wolf providing fantastic lectures on Diseases of Laboratory Fish finishing the morning. The afternoon was dedicated to great lectures on Clinical Pathology of Lab Animals provided by Dr. Kirstin Barnhart. Attendees had taken a second challenge by another bonus round Lab Animal Gross Exam given by Dr. Facemire to wrap up three intense days.

Dr. Zimmerman and the Virginia Tech staff took lead with their annual two day Clinical Pathology Course lecturing on every aspect of Clinical Pathology to include electrolytes, acid-base, renal functions, erythrocytes and leukocytes on day one. Day two focused on alterations function tests in liver, muscle, protein, Adrenal, thyroid, gastrointestinal, pancreas, glucose and lipids. They provide AM and PM quizzes to test the attendees knowledge on the different subjects. This wrapped up a total of seven days of a wide variety of continuing education.

Stay tuned to the Davis Foundation newsletter for information on a fresh slate of lab animal medicine and pathology meetings for 2016!

...Paul Facemire, Course Director
We are pleased to announce Dr Brad Bolon (US) and Prof Anna Oevermann (Switzerland) as our invited 2015 speakers.

Save the date!
CL Davis Foundation European Symposium
September 6 – 7, 2015
Helsinki, Finland
Register now at www.eurocdavis.net

Diagnostic Pathology of Poultry Diseases: A Review

The workshop will be presented by Dr. Tahseen Aziz from 2-5 PM on September 7, 2015 in the Cape Town International Convention Center. The principal objective of the workshop is to show and discuss lesions of diseases of commercially-raised chickens (broilers, broiler breeders, and table-egg layers) and backyard/hobby chickens, as well as some diseases of turkeys, game birds, and waterfowl. Emphasis will be given to necropsy findings in diagnostic cases, with some histopathologic lesions. Additionally, for some diseases, differential diagnoses and ancillary laboratory tests will be discussed.

Dr. Aziz (DVM, MS, PhD, Diplomate ACPV) is the avian pathologist and diagnostician at Rollins Animal Disease Diagnostic Laboratory in Raleigh, North Carolina, USA.

Register on-line at www.wvpa2015.com
9th Argentinean Seminar of the "Charles Louis Davis" Foundation
Pathology of sheep, goats and South American camelids

7th Meeting of the Permanent Forum for Veterinary Pathology Teaching
Universidad Católica, Campus Castañares
Salta, Argentina, 23, 24 and 25 September, 2015

Invited speakers:
- Dr. Lluis Lujan. University of Zaragoza (Spain)
- Dr. Franklin Riet-Correa. National Institute of Agricultural Research (Uruguay)
- Dr. Federico Giannitti. University of Minnesota (USA)

Wednesday 23
<table>
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<tr>
<th>Time</th>
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<tr>
<td>8.30-9.00</td>
<td>Welcome and opening ceremony</td>
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<tr>
<td>9.00-11.00</td>
<td>Infectious diseases of sheep</td>
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<td>11.30-13.00</td>
<td>Infectious diseases of goats</td>
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<tr>
<td>Lunch (on your own)</td>
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<tr>
<td>15.00-17.00</td>
<td>Parasitic diseases of sheep</td>
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<tr>
<td>17.30-19.00</td>
<td>Parasitic diseases of goats</td>
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Thursday 24
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<th>Time</th>
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<tr>
<td>8.30-10.00</td>
<td>Toxic, metabolic and deficiency-related diseases of sheep</td>
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<tr>
<td>10.30-12.30</td>
<td>Toxic, metabolic and deficiency-related diseases of goats</td>
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<td>Lunch (on your own)</td>
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<tr>
<td>15.00-18.00</td>
<td>Diseases of llamas and vicuñas</td>
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<tr>
<td>18.00-19.00</td>
<td>General meeting of the Argentine Association of Veterinary Pathology</td>
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Friday 25: Meeting of the Permanent Forum for Veterinary Pathology Teaching
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<th>Time</th>
<th>Activities</th>
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<tr>
<td>8.30-12.00</td>
<td>Teaching pathology to undergraduate and graduate students. Experiences in Brazil, Spain and USA</td>
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Short presentations: Short presentations dealing with pathology and/or health-related issues of sheep, goats or South American camels will be considered for presentation as posters. The presentations must not have been submitted for publication or presented to other meetings before.

Registration fee: Before July 20: $1000 – After July 20: $1400 (Argentinean pesos)
Registration: Contact Ms Belen Bennassar.
extension.veterinaria@ucasal.net or bbennassar@ucasal.net
Tel: 54 387 4268507
More information: micheloud.juan@inta.gob.ar, ejgimeno@fcv.unlp.edu.ar
AAZV 22nd Annual Zoo & Wildlife Pathology Workshop

Sunday, September 27th
8AM-5PM
Portland, OR

Annual Meeting of AAZV

The theme of this year’s AAZV/CL Davis Foundation pathology workshop will focus on collaborations between anatomic pathology and diagnostic imaging (radiographs, CAT scan, MRI, ultrasound, etc) in the morning, with an afternoon session of cool cases from a wide variety of species. Please visit the CL Davis Foundation website for more information: http://www.cldavis.org/courses/upcoming.html#184

Keynote Speaker:
Dr. Tony Pease, DVM, Dipl. ACVR
“Lions, tigers, and turtles - how imaging has expanded our horizons”

CALL FOR CASES!
If you wish to present a case, please email Dalen Agnew (agnewd@dcpah.msu.edu) with a brief description of the case by July 6, 2015.
25th Annual South Central Division Meeting
TAMU Galveston Campus
October 2-3, 2015

Reserve your room at the Holiday Inn Resort on the Beach
(800) 315-2621 under C.L. Davis

Guest Lecture:
Cytology Simplified: A Systematic Guide to Thorough Descriptions
by Britton Grasperga, DVM, PhD, DACVP
General Gross Pathology Quiz, Fabio del Piero, DVM, PhD, DACVP

- 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

This program 149-13404 is APPROVED by the AAVSB RACE to offer a total of 10.00 CE Credits (10.00 max) being available to any one veterinarian; and/or 10.00 Veterinary Technician CE Credits (10.00 max). This RACE approval is for the subject matter categorie(s) of: Category One: Scientific using the delivery method(s) of: Seminar/Lecture. This approval is valid in jurisdictions which recognize AAVSB RACE; however, participants are responsible for ascertaining each board’s CE requirements.
Charles Louis Davis Foundation for the Advancement of Veterinary and Comparative Pathology

The LIFE (& Death) AQUATIC

2015 ANNUAL MEETING
October 17
Minneapolis, Minnesota
For more info and registration visit: acvp.org
Tuition: $150 (includes refreshments, CD of presentations, and CE)

The tuition fee will be waived for winners of the travel award

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

Registration and more information call 847-367-4359 or visit: http://www.cldavis.org/courses/upcoming.html#186
The 17th Brazilian Veterinary Pathology Meeting (ENAPAVE 2015), which in the last three editions became the Brazilian Congress of Veterinary Pathology, took place in July 20-23, 2015. This edition of the meeting included the VIII Brazilian Symposium of the CL Davis Foundation.

More than 500 attendees, including residents, graduate students and veterinary pathologists, joined at the Universidade Federal de Minas Gerais in Belo Horizonte (State of Minas Gerais, Brazil). A total of 462 abstracts on diagnostic and experimental pathology were presented at the meeting.

During the meeting, the Brazilian Association of Veterinary Pathology – ABPV (www.abpv.vet.br) promoted the second edition of the board certification exam on anatomic pathology. The Association is also in charge of publishing the Brazilian Journal of Veterinary Pathology (www.bjvp.org.br).

Organizers and invited speakers:
Front row: Tatiane Alves Paixao, organizing committee (OG), Mary Anna Thrall (speaker), Ana Alcaraz (speaker), Wanda Haschek-Hock (speaker), and Roselene Eco (speaker.) Back: Renato de Lima Santos, (speaker, OG), Geovanni Dantas Cassali (chairman, OG), and Donald Meuten (speaker)
Latin Comparative Pathology Group
2015 Travel Award

The Latin Comparative pathology Group (LCPG), the Latin-American Division of the CL Davis Foundation, encourages professionals and students of veterinary pathology, currently residing in Latin America, to participate and present their research work at the 2015 combined annual meeting of the American College of Veterinary Pathologist / American Society for Veterinary Clinical Pathology / Society of Toxicologic Pathology (ACVP/ASCVP/STP), to be held in Minneapolis, MN, October 17-21, 2015.

The LCPG offers one Travel Award intended to help with the expenses to attend the 2015 ACVP/ASCVP/STP meeting!

- The recipient will be awarded a US$500 award from the LCPG to help defray travel and other costs associated with attending the annual meeting of the ACVP/ASVCP/STP.
- Applications will be received not later than August 30th, 2015 (please use application form attached).
- Applicants must have an accepted abstract in the ACVP/ASVCP/STP meeting (poster and/or oral presentation). The recipient of the award will be notified by email not later than September 15, 2015.
- The award will be presented at the CL Davis Award Ceremony during the ACVP/ASVCP/STP annual meeting.
- LCPG cannot help with visa (immigration) application procedures.
- Contact: Dr. Ana Alcaraz aalcaraz@westernu.edu

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!!!
SAVE THE DATE!!!

This is a preliminary announcement and please mark your calendar---- The Davis Foundation NE Day-Seminar will be on Friday, November 20, 2015 on the topic of OCULAR TOXICITY. The event is generously hosted by Charles River Laboratories-Horsham, PA. The host program director is Dr. Doug Learn (Doug.Learn@crl.com). The program is in planning.

This fall starts the 25th year of the NE Day Seminar (started in October, 1991 at Hoffmann-La Roche, Nutley, NJ), and it is our first at Charles River Laboratories-Horsham, PA.

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**British Society of Veterinary Pathology**

BSVP
PO Box 6357
Kyleakin
Isle of Skye IV41 8WA

Tel: 07525 642 398
Email: bsvpsecretariat@aol.com
Website: [http://www.bsvp.org/](http://www.bsvp.org/)

The British Society of Veterinary Pathology was formed in 2006 as a ‘not for profit’ organisation.

The objectives of the society are to advance veterinary pathology in all its aspects for the benefit of animals and man; to foster training, to advance education in all aspects of veterinary pathology and to foster communication between pathologists working in various fields.

Details of forthcoming events:

*Hot Topics in Feline Pathology and Medicine*, taking place on Saturday 3rd October 2015 - [http://www.bsvp.org/event/bsvp-feline-pathology-meeting/](http://www.bsvp.org/event/bsvp-feline-pathology-meeting/)


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WANTED

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@clfdavis.org.
Mouse Models of Disease: Improving Reproducibility of Pathology Endpoints in Challenge Models

9-11 February 2016
Wellcome Trust Genome Campus, Hinxton, Cambridge, UK

This popular conference will bring together veterinary and human pathologists and scientists working with mouse models in academic and industrial research. The programme will review basic approaches to creating and interpreting reproducible mouse pathology data.

A major focus of the 2016 meeting will be the techniques used to investigate the pathology in the respiratory and gastrointestinal tracts in challenged and non-challenged phenotyping studies.

Topics
- Infectious diseases
- Environmental factors
- Infection models
- Nutrition and diet
- Microbiota
- Lung function
- Respiratory disease models
- Imaging and validation
- Reproducibility of lung cancer models

Deadlines
Abstract Deadline: 8 December
Registration Deadline: 10 January

Full details at: www.wellcome.ac.uk/conferences

Scientific Programme Committee
Mark Arndt University of Edinburgh, UK
Corey Brayton Johns Hopkins School of Medicine, USA
Laurence Fiette Institut Pasteur, France
Aude Roulois GlaxoSmithKline, UK
Cheryl Scudamore MRC Harwell, UK
Mohamed Slomi Sanofi R&D, France
Jacqui White Wellcome Trust Sanger Institute, UK
Jonathan Williams Royal Veterinary College, UK

Speakers
Nicolau Beckmann Novartis Institutes for Biomedical Research, Switzerland
Anton Berns The Netherlands Cancer Institute, Netherlands
Craig Franklin University of Missouri, USA
John Grainger University of Manchester, UK
Patrick Hardy Institut Pasteur, France
Wayne Mitrou John Hopkins University, USA
Jonathan Staubert IMABIOTECH, France

co-sponsored by the C. L. Davis Foundation

The Wellcome Trust is a charity registered in England and Wales, registered charity number 242005. The Wellcome Trust is also a company registered in England and Wales, with company number 911082.
BRITISH SOCIETY OF TOXICOLOGICAL PATHOLOGY

Notice of future meetings

8th to 9th July 2015
Pathology for Non-pathologists Course - Europe
Hosted by the American College of Toxicology (ACT) and the British Society of Toxicological Pathology (BSTP) at MedImmune, Cambridge, UK.

This three-day joint American College of Toxicology (ACT) and British Society of Toxicological Pathology (BSTP) course, modeled after the successful ACT/BSP US Pathology for the Non-pathologist course, will be held for the first time in the United Kingdom in July 2015. The knowledge gained will be immediately applicable to your day-to-day practices. The course will be suitable for toxicologists, safety pharmacologists, non-clinical regulatory scientists, and other scientists working in preclinical disciplines. The content will be suitable for those who are relatively new to their roles, and will also be highly relevant to experienced scientists who wish to consolidate their understanding, and update their knowledge of recent developments and changes in the field. Highly respected pathologists with current, relevant experience in toxicologic pathology will provide lectures covering anatomy and physiology, spontaneous and chemically induced pathological changes, clinical pathology, and case examples.

22nd - 25th September 2015 - 13th European Congress of Toxicologic Pathology in collaboration with the British Society of Toxicological Pathology at University of Surrey, UK

This will be an exciting opportunity for members of both societies and their colleagues, together with other interested scientists from Europe and beyond, to share their expertise, challenges and vision of Toxicologic Pathology on the topic of “From genes to drugs: an insider’s view on cell pathology.”

9th - 11th December 2015 - Continuing Education Symposium 4: Respiratory System at the University of Cambridge, Cambridge, UK

The BSTP Continuing Education Symposium 4: Respiratory System will provide the most complete and in-depth coverage of respiratory pathology. The BSTP’s aim is to devise a scientific program that provides an intermediate level symposium covering both theory and practical classes including INHAND, rodents and non-rodent respiratory pathology, translational models of COPD, juvenile toxicity in inhalation studies, the challenges of inhalation toxicology in relation to agrochemical safety assessment, and risk assessment, including the requirements for non-clinical inhalation studies for registration and clinical development. This symposium will not be repeated until at least 2019!

9th to 11th February 2016 - BSTP/Wellcome Trust - Mouse Models of Disease at the Wellcome Trust Conference Centre, UK

This three-day meeting is aimed at veterinary and human pathologists and scientists working with mouse models in academic and industrial research. The first day of the meeting will review basic approaches to creating and interpreting reproducible mouse pathology data. Days two and three will discuss the use of pathology and allied techniques in investigating pathology in the respiratory and gastrointestinal tracts in challenged and non-challenged phenotyping studies. Throughout the programme an emphasis will be placed on understanding the influence of environmental effects and experimental challenges on pathology endpoints and their potential effects on the reproducibility of data.

Proposed Continuing Education Symposiums in 2016:
CES 5: Reproductive system - 16th - 18th March 2016 (date to be confirmed)
CES 6: Nervous system - 6th - 8th July 2016 (date to be confirmed)
CES 7: Urinary system - 7th - 9th December 2016 (date to be confirmed)

For further information or to reserve a place on one of these meetings, please contact the BSTP Secretariat - bstpoffice@aol.com or check out the website - www.bstp.org.uk

Why not join our group on LinkedIn - British Society Toxicological Pathology

Follow the BSTP - @BSTP_GB

Registered Charity No: 1043733
2016 Australian Society for Veterinary Pathology
& C.L. Davis Australian Division
Descriptive Veterinary Pathology
February 8-12 Gatton Campus, University of Queensland, Australia

Lectures include descriptive techniques in:
- Gross Pathology
- Microscopic Pathology
- Gross-Micro Correlations
- Electron Microscopy
- Immunohistochemistry
- Clinical Pathology

Practical examinations in gross and histology with faculty grading and feedback!

For more information, including program, venue, registration costs, accommodation options, please visit www.asvp.ansn.au

Administrative contact: admin@asvp.ansn.au

Program director: Jey Koehler, DVM, PhD, DACVP
Auburn University 334-844-2667 jaw0007@auburn.edu
CALENDAR OF UPCOMING EVENTS

August 2015
8/5-8/28  AAVSP Roadshow
8/27-8/28  3rd Annual Chilean Histopathology Conference, Chillan, Chile

September 2015
9/5-9/7  2015 European Division Pathology Symposium
9/23-9/25  9th Argentinean Seminar of the C.L. Davis Foundation
9/27  22nd Annual CLD/AAZV Workshop – Portland, OR

October 2015
10/2-10/3 - 25th Annual Southcentral Division Meeting and Slide Seminar – Galveston, TX
10/17 -  CLD/ACVP Diagnostic Pathology Workshop – “The Life (and Death) Aquatic, With Judy St. Leger and Jeff Wolf” - Minneapolis, MN
10/23 -  15th Annual AAVLD/CLD Diagnostic Pathology Workshop on Fish Diseases – Providence, RI

February 2016
2/8-2/12:  2016 Australian Descriptive Veterinary Pathology Course - Brisbane

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.