The 3rd Chilean Annual Symposium of Veterinary Pathology in Santiago

The “Third Chilean Annual Symposium of Veterinary Pathology” was hosted by the Universidad Mayor in Santiago, Chile on July 8-9. The event was organized by the Laboratory of Veterinary Pathology of the School of Veterinary Medicine (Universidad Mayor), and sponsored by the Latin Comparative Pathology Group, the Davis/Thompson Foundation, the Chilean Association of Equine Veterinarians and the Chilean Society of Veterinary Pathology.

The invited speaker was Dr. Fabio del Piero (Louisiana State University), who lectured on pathology of the nervous and respiratory system of horses, and general pathology of guinea pigs and ruminants, with emphasis on gross lesions and laboratory methods for diagnosis. More than 130 people from the central area of Chile, including veterinary students, professors and private and state veterinarians, attended Dr. Del Piero’s presentations and shared very interesting cases and experiences. In his little spare time, Dr. Del Piero had the opportunity to tour Santiago with members of the local organizer team.

Continued on page 2...
The effort made by Dr. Del Piero to generously donating his time and effort to visit Chile as part of a grueling lecturing tour of several Latinamerican countries is highly appreciated. The visit of Dr. del Piero was funded by the Davis/Thompson Foundation as part of a recently established “One-day-seminars” program.

Dr. Fabio del Piero (LSU) and Dr Carlos Flores (U Mayor) during the opening ceremony.
2019 ACVP Pre-Conference Workshop
Skin and Mammary Tumors: Standardization and Simplification

November 9, 2019
San Antonio Rivercenter Hotel, San Antonio, TX

Dr. Valentina Zapulli  Dr. Michael Goldschmidt  Dr. Laura Pena

Presentations will emphasize material from Volumes 1 and 2 of Surgical Pathology of Tumors of Domestic Animals, published by the Davis-Thompson DVM Foundation.

More info at:
https://www.acvp.org/page/2019_Pre_Meeting_Workshops

Register for this workshop as part of your ACVP registration
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.

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 bruce.h.williams.dvm@gmail.com.

**CES 3: Carcinogenesis**  
**March 2020 - Department of Pathology, Cambridge, UK**  
**Registration for this symposium will open in December 2019**

This Continuing Education Symposium will provide an intermediate level overview on Carcinogenesis and the challenges with current research models. Topics to be covered include (but are not limited to): How to understand the relevance/future of rodent 104 week studies; how to interpret carcinogenicity data in the risk assessment of novel chemicals and pharmaceuticals; familiarisation with the latest molecular techniques used in the research and exploration of carcinogenesis; how to differentiate spontaneous from test article-related lesions and tumours and, follow real-world case studies to refine your skills and knowledge around regulatory authority. The format will include presentations, case histories and active participation of delegates. The Continuing Education Symposium will be of 3 days duration and the programme will be arranged such that each individual day can be attended as stand-alone CPD if desired.

For more information on any of these meetings, keep checking the website - [http://www.bstp.org.uk/events](http://www.bstp.org.uk/events) or contact the BSTP Secretariat - bstpoffice@aol.com
Diagnostic Exercise
From The Davis-Thompson Foundation*

Case #107 Month: October Year: 2018

Contributors: Mariana Martins Flores*, DVM, MS, Doctor in Veterinary Pathology; Rafael Almeida Fighera*, DVM, MS, Doctor in Veterinary Pathology. *Laboratory of Veterinary Pathology, Universidade Federal de Santa Maria (UFSM), Santa Maria, Rio Grande do Sul, Brazil.

Clinical History: An adult, female spayed, mixed-breed domestic shorthair cat was submitted to necropsy and had a history of intense salivation and incoordination. The owner, who suspected poisoning, reported that the cat died a few days after the onset of the clinical signs. The cat came from a farm located in Rio Grande do Sul, Brazil, and had free access to the outdoors.

Follow-up questions: Morphologic diagnosis? Main cause(s)? Clinical significance?

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!
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

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 DAVIS-THOMPSON DVM FOUNDATION proudly presents:

Surgical Pathology of Tumors of Domestic Animals
Edited by M. Kuipe

Volume 2: Mammary Tumors

V. Zappalà, L. Peña, R. Rasotto, M. H. Goldschmidt, A. Gama, J. L. Scroggs, M. Kiupel

Over 250 pages
Coming July 2019
$40 Plus S/H

ALL COLOR PHOTOS!
29th Southcentral division meeting
Oct. 4-5, 2019. Galveston, TX

Dr. Raquel Rech
Texas A&M University

Pathology of Swine Diseases

We want to hear about your cases!
Attendees are invited to present a 10-15 minute report to the group of an interesting case!

For more information:
http://www.cldavis.org/upcoming.html#237
Foundation co-sponsors back-to-back Wildlife Pathology Courses in Sydney and Bangkok

In February 2019, the Australian Registry of Wildlife Health delivered a short course at the Taronga Institute of Science and Learning to address critical skills shortages in the field of wildlife health and comparative pathology as a means to contribute to the security of Australia’s rich biodiversity, human, livestock, and environmental health. This short course attracted 142 participants from across Australia, New Zealand, USA, Canada, Vietnam, Singapore, India, the Philippines, and Luxemburg. There were 76 workshop participants. Two scholarships were provided to support the attendance of overseas wildlife veterinarians, and three scholarships were provided to Australian graduate and undergraduate students active in conservation science.

The Course was comprised of a carefully formulated four-day systematic review of wildlife disease, and a full day of skills-based workshops, including small wild animal necropsy, wildlifer lab skills, and a histopathology master class using virtual microscopy. In addition to the short course and associated workshops, the Registry also developed a one-day symposium to highlight the many disciplines of translocation science including ecology, nutrition, behaviour, welfare, and disease risk analysis. The following week, the Registry delivered a similar course on Pathology and Diseases of Wildlife and Exotic Animals in partnership with the Davis-Thompson Foundation and the Faculty of Veterinary Sciences at Chulalongkorn University in Bangkok, Thailand.

Through collaboration with the CL Davis-Thompson Foundation in Veterinary and Comparative Pathology we were able to attract four internationally renowned wildlife pathologists from North America to both the Sydney and Thailand based short courses. In Sydney, these distinguished pathologists were joined by 13 esteemed Australian speakers to represent the health and disease status of native fauna. In Thailand, we were joined by 5 Thai pathologists to deliver a mix of presentations on the health and diseases of native Thai fauna and exotic diseases of concern. The mixture of local and overseas speakers provided an excellent balance of endemic and exotic disease education. These courses were made possible through financial support of the Cybec Foundation and in-kind support from the Taronga Conservation Society Australia, and Chulalongkorn University.

We acknowledge Dr Bruce Williams (C.L. Davis-Thompson Foundation) for providing guidance to assemble the course content and attract the highest quality speakers. We thank Associate Professor Anudep Rungsipipat who lead the organisation and delivery of the program in Thailand. Dr Neel Aziz (Smithsonian Institution) conducted early planning and established the collaboration across North America, Australia and Thailand. We also extend our thanks to workshop coordinators: Paul Thompson (Taronga Conservation Society Australia), Dr Michael Garner (North West ZooPath), Dr Bruce Rideout (San Diego Global), and Dr Kevin Keel (University of California, Davis). Our deepest gratitude also to Registry volunteers; Drs Peter Johnson and Cath Walker, and Nikki Van Dorst for their assistance throughout the event.
## CL Davis / SW Thompson Foundation and LCPG Courses in Latin America 2019

<table>
<thead>
<tr>
<th>Country</th>
<th>Course</th>
<th>Date</th>
<th>Venue</th>
<th>Invited speakers</th>
<th>Main topics</th>
<th>Contact</th>
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</thead>
<tbody>
<tr>
<td>Peru</td>
<td>“4th Peruvian Seminar of the Davis-Thompson Foundation”</td>
<td>October 7-8</td>
<td>Facultad de Medicina veterinaria, UNMSM, Lima, Perú</td>
<td>Joaquín Ortega Porcel (CEU, Spain), Other speakers TBD</td>
<td>Dermatopathology – mammary tumors and soft tissue sarcomas</td>
<td>Rosa Perales</td>
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<td>Mexico</td>
<td>1st Mexican Seminar of the Davis-Thompson Foundation</td>
<td>October 17-18</td>
<td>UNAM School of Veterinary Medicine and Zootecnhics, Mexico City</td>
<td>Patricia Pesavento (UC Davis); Francisco A Uzal (UC Davis); Francisco R Carvallo (UC Davis)</td>
<td>Gross and microscopic pathology, Pathology of the gastrointestinal system</td>
<td>Laura Romero Romero</td>
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<tr>
<td>Colombia</td>
<td>“Seminar of Veterinary Forensic Pathology”</td>
<td>October 30-31</td>
<td>Instituto de Genética (IGUN), Universidad Nacional de Colombia, Sede Bogotá</td>
<td>Jason W Brooks (PennState); Lina Pérez, Ana Lozano, Paola Barato (CORPAVET); Wilson Ramirez (UC Davis); Jimmy Vargas (IGUN)</td>
<td>Veterinary forensic pathology vs. routine diagnosis, Veterinary forensic necropsy (mammals and fish), Estimation of the postmortem interval, Toxicological and molecular forensic analysis</td>
<td>Paola Barato</td>
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<td>Argentina</td>
<td>XIII Seminar of the Argentinian Subdivision of the Davis-Thompson Foundation and 9th Permanent Forum on Veterinary Pathology Teaching</td>
<td>November 14-16</td>
<td>Bariloche, Río Negro, Argentina</td>
<td>Claudio Barros (Universidade Federal de Mato Grosso do Sul, Brazil); Francisco Uzal (UC Davis); Lorenzo González (Department for Environment, Food and Rural Affairs, UK)</td>
<td>Neuropathology of ruminants, Clostridial diseases in ruminants.</td>
<td>Agustín Martínez</td>
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<tr>
<td>Uruguay</td>
<td>5th Uruguayan Seminar of the Davis-Thompson Foundation</td>
<td>December 2-3</td>
<td>Universidad de la República, Facultad de Veterinaria, Montevideo, Uruguay</td>
<td>Francisco Uzal (UC, Davis); Other speakers TBD</td>
<td>Gross and microscopic pathology, Pathology of the gastrointestinal system, Pathology of Wild Animals</td>
<td>José Manuel Verdes</td>
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Upcoming STP Trainee Award Deadlines

The Daniel Morton and Laura Dill Morton Scholarship Award Procedures

Application Deadline: November 1

The Daniel Morton and Laura Dill Morton Scholarship was established in 2016 to provide an award annually to an outstanding student/trainee with an interest in toxicologic pathology. Students with a DVM or equivalent degree enrolled in a full-time graduate or residency program who demonstrate commitment to toxicologic pathology and high potential for a successful career in this field are encouraged to apply. Applicants must submit a personal statement describing current research activities, interests and activities related to toxicologic pathology, and professional goals, two professional letters of recommendation with one letter from her/his academic advisor, and Curriculum Vitae. Applicants will be judged based on level of demonstrated interest in the field of toxicologic pathology, letters of recommendation and CV. A monetary award and engraved plaque will be presented at the Awards Ceremony during the STP Annual Meeting. Award acknowledgement will be included on the STP website and in the annual meeting issue of Toxicologic Pathology.

Daniel Morton and Laura Dill Morton Scholarship Application

IATP/STP Charles Capen Trainee Award Procedures

Application Deadline: November 1

The Charles Capen Trainee Award given by the International Academy of Toxicologic Pathology (IATP) and the Society of Toxicologic Pathology (STP) recognizes Dr. Charles Capen and his legacy as a researcher, teacher, and mentor to the pathology and toxicology communities spanning more than four decades. Dr. Capen was recognized worldwide as an exceptional leader in veterinary and biomedical research. He was a highly regarded mentor to numerous graduate students and postdoctoral scientists. His students and trainees are now leaders throughout academia, government and industry. The awardee will receive a cash award in the amount of $2000.00 to further his or her training and education in the field of toxicologic pathology, plus complimentary STP annual meeting registration and complimentary STP student membership for the following year. He or she will be recognized during the Awards Ceremony at the STP Annual Meeting. Applicants are required to submit a published (or accepted for publication) manuscript from a peer-reviewed journal consisting of original work involving clinical or experimental research that relates to toxicologic pathology.

IATP/STP Charles Capen Trainee Award Application
ASVP 2019 SCIENTIFIC CONFERENCE

Neuropathology: It's A No Brainer!

DATE: 13-15 SEPTEMBER, 2019

VENUE: Mercure Hotel
10 Irwin Street
Perth, Western Australia

Registrations are now open for our 2019 deep dive into veterinary neuropathology.

Our keynote speaker, Dr Jennifer Koehler is section chief of surgical pathology at Auburn University, USA and a member of the CL Davis-Thompson Foundation’s Faculty of Discussants. Her research focuses on neurodegenerative diseases and canine brain tumours, and she is a founding member of the NIH-led Comparative Brain Tumor Consortium.

The conference program will feature clinical neurology correlates with diagnostic approaches to neurologic patients, as well as presentations from MD neuropathologists, and we anticipate significant interest from colleagues in clinical veterinary disciplines.

Visit our conference website for further information on our invited speakers, program, conference details and registration:

[Conference Website]
SAVE THE DATE

The European Division of the Davis-Thompson Foundation is excited to announce that editors of Pathology of Zoo and Wildlife Pathology will be our speakers at our 2019 Symposium!

Dr. Karen Terio  Dr. Judy St Leger  Dr. Denise McAloose

- Diseases of wildlife and zoo animals
- Marine mammals
- Reptiles
- Amphibians
- Wild felids
- Daily gross and histology quizzes
- Audience participation

Van der Valk hotel, Arnhem, Netherlands, 24 - 25 Sept 2019
I seminar of the Mexican subdivision, Davis Thompson foundation

Mexico City, October 17-18, 2019

- Descriptive pathology
- Gross and histo correlation
- Gastrointestinal Pathology
- Microbial pathogenesis
- Evolving diseases
- Viral discovery and much more!

Dr. Patricia Pesavento
Dr. Francisco Uzal
Dr. Francisco Carvallo
19th CL Davis/SW Thompson Diagnostic Pathology Symposium:
Diagnostic Pathology of Lymphoid Organs

October 25, 2019, Friday, 8am–5:45pm
Providence, Rhode Island

Register at:
https://davisthompsonfoundation.regfox.com/2019-aavld

For more information:
http://www.cldavis.org/courses/upcoming.html#238

In conjunction with the 62nd Annual AAVLD annual meeting
OCTOBER 30 AND 31, 2019

SEMINAR OF VETERINARY FORENSIC PATHOLOGY

INSTITUTO DE GENÉTICA
UNIVERSIDAD NACIONAL DE COLOMBIA
BOGOTÁ D.C., COLOMBIA

SPEAKERS

Jason W Brooks
VMD, PhD, DACVP
PennState

Lina Pérez
Microbiologist, MSc
Corpavet

Wilson Ramírez
MVZ, PhD
UCDavis

Ana Lozano
MV, Spc. Anatomic Pathology
Corpavet

Jimmy Vargas
MV, MSc, PhD
IGUN

Paola Barato
MV, Spc. Aquaculture, PhD
Corpavet

REGISTRATION https://forms.gle/oL51Z3VZkwtLqCZDv8

01/09/2019
COP US
$450,000 $128
$300,000 $85
$405,000 $115
$350,000 $100

30/10/2019
COP US
$500,000 $142
$350,000 $100
$450,000 $128
$400,000 $114

Present at the meeting:
- Professionals
- Students
- Associated to sponsors

Online:
- Platform zoom.us

Organizers:
Support and sponsors:

Information:
educacion@corpavet.com
+ 57 3158195991
XIII CLDavis/SW Thompson Foundation Seminar on Veterinary Pathology
San Carlos de Bariloche, Río Negro, Argentina
14,15 and 16 November 2019

Topics: small ruminants and cattle
Diseases of the nervous system
Clostridial diseases
Toxic plants

Dr. Cristina Acín  Dr. Claudio Barros  Dr. Francisco Uzal

Information and registration
http://sipan.inta.gob.ar/seminariopatologia/
E-mail: martinez.agustin@inta.gob.ar
Phone: + 54 294 4422731 Ext. 4050
The Seminar of Respiratory, Reproductive and Gastrointestinal Diseases in Swine, Poultry and Equine was held in Medellín, Colombia, on May 23, 24 and 25, 2019. This meeting was organized by CES University and ACPAVET (Colombian Association of Veterinary Pathologists), and it was sponsored by the Latin Comparative Pathology Group (LCPG; Latinamerican Division of the Davis/Thompson Foundation), Corporación Patología Veterinaria (CORPAVET), ASFAMEVEZ, Consejo Profesional MVZ, FENAVI and Porkcolombia. The chair of the Organizing Committee was Dr. Luis Carlos Veloza. The goal of this event was to discuss the most prevalent animal health problems in different production systems with students, veterinarians, diagnosticians and producers from the area.

More than 150 people from Medellín and several other Colombian regions attended the seminar. This first morning the attendees learned about making a gross diagnosis and correlate gross and microscopic lesions. These topics were presented by Drs. Francisco Uzal and Francisco Carvallo, both from UC Davis. In the afternoon, Drs. Hernando Guzman and Paola Barato (Universidad CES and CORPAVET, respectively) lectured on serology and molecular tests and their interpretation in different production systems. The second day, three simultaneous sessions were held on porcine production and pathology (Dr. Ingerborg Langohr, LSU, and Dario Mogollon, Universidad Nacional de Colombia and Corpavet); avian production and pathology (Drs. Francisco Uzal, Francisco Carvallo and Nestor Mosos (the latter from Universidad La Salle, Colombia); and equine gastrointestinal, respiratory and fungal diseases, (Drs Francisco Uzal, Francisco Carvallo and Leonardo Parra; the latter from Universidad CES). The day concluded with a presentation of diagnostic cases by several of the presenters.

A wet laboratory on gross lesions of chickens and organs from pigs and horses was held on the third day. The lab was a total success and the attendees were very excited about the opportunity to learn and apply their knowledge when dealing with fresh tissues. Medellin is a beautiful, green and modern city and CES University provided a wonderful venue for the development of this conference.

Dr. Ingeborg Langohr (LSU) lecturing on porcine pathology.

Dr. Dario Mogollon (Universidad Nacional de Colombia and Corpavet) performing a gross examination of porcine lungs in front of a very enthusiastic audience.

Students, members of the Colombian Association of Veterinary Pathology (ACPAVET) and faculty of the seminar.
AAZV 26th Annual
Zoo & Wildlife Pathology Workshop

Sunday, 29 September 2019
St. Louis, MO

Dr. Elise LaDouceur
Chief, Extramural Projects and Research
Joint Pathology Center

A Primer of Invertebrate Histology and Pathology

Following the keynote lecture, pathologists from around the world will present their most interesting recent cases throughout an interactive all-day session!

For more information on how to submit cases, visit:
http://www.cldavis.org/upcoming.html#239
2020 General Pathology Review Course

FEATURING:

Dr. Denise Imai
Hemodynamics

Dr. Brad Bolon
Toxicologic Pathology

AND MORE:
Cellular responses to injury
Inflammation and Repair
Immunity and Hypersensitivity
Neoplasia
Microbial mechanisms of disease

Location: College of Veterinary Medicine, UC Davis, School of Veterinary Medicine Davis, California
Dates: January 23-26th 2020
More information:
http://www.cldavis.org/upcoming.html#240
II Joint Meeting of the Chilean Society of Animal Clinical Pathology and the Chilean Society of Veterinary Pathology

The II Joint Meeting of the Chilean Veterinary Clinical Pathology and Animal Pathology Societies took place in Puerto Montt, Chile, on June 29-30 and July 1. The event was organized by Dr. Frank Vera (Universidad San Sebastian) and Dr. Ricardo Ildefonso, and sponsored by the Davis/Thompson Foundation, the American College of Veterinary Pathologists, and the Latin Comparative Pathology Group.

More than 100 veterinary pathologists and students from all over Chile and representing different public and private universities and diagnostic laboratories had the opportunity to present and discuss selected histopathology cases and attend interesting presentations by international and national invited lecturers. Dr. Fernando Wittwer (Universidad Austral de Chile) opened the sessions with a very interesting presentation about metabolic disease of cows during the transition period. Dr. Paul Stromberg (Ohio State University, USA) delighted the attendees with very comprehensive talks on principles of gross pathology of animals and cognitive mistakes in veterinary pathologic diagnosis. Dr. David Bruce Groman (Prince Edward Island University, Canada) thrilled the audience with an introduction to virtual microscopy and common diseases of fish, with emphasis on the cardiovascular system. Dr. Kirstin Barnhart (Covance, USA) presented a wonderful and comprehensive day-long seminar on endocrine, skeletal muscle, renal and hepatic clinical pathology. Dr. Carlos Gonzalez (Universidad Andres Bello, Chile) presented an update on new markers and immunohistochemistry for the diagnosis of tumors. Finally, Dr. Carolina Duran (Universidad Austral de Chile) updated the audience with a very interesting presentation about biomarkers in horses.

This was a great opportunity for pathologist from different backgrounds to meet and share their experiences. Also, post-graduate students working in pathology had the opportunity to present their research results in the form of posters and oral presentations.

Not everything was about work however, and during these three days the attendees were able to enjoy the outstanding scenery of the south of Chile and also were able to try the local cuisine. Despite the cold weather, the sun shined during the meeting.

This is one of the first seminars co-sponsored by the Davis/Thompson Foundation and the American College of Veterinary Pathologists and proved that this new joint venture is up to a great start.
9th RTP Rodent Pathology Symposium

Current Topics in Rodent Pathology

September 29 - October 1, 2019 • Raleigh, North Carolina

Registration now open!

The 2019 RTP Rodent Pathology Symposium will focus on the following areas:

• Natural Diseases of Rodents
• Medical Device Pathology in Rodent Models
• Nanoparticle-related Pathology in Rodent Models
• Toxicology for Pathologists
• Emerging Topics in Clinical Pathology

To register, please visit: https://rtprodentpathology.org/

The program offers 17 hours of Continuing Education credit
### CALENDAR OF UPCOMING EVENTS

**September 2019**
- 10/17-10/18: 1st Annual Mexican Division Meeting of the Mexican Division – Mexico City
- 10/25: 19th Annual AAVLD/Davis-Thompson Foundation Diagnostic Pathology

**October 2019**
- 10/17-10/18: 1st Annual Mexican Division Meeting of the Mexican Division – Mexico City
- 10/25: 19th Annual AAVLD/Davis-Thompson Foundation Diagnostic Pathology

**November 2019**
- 11/9: 2019 ACVP/Davis-Thompson Foundation Pre-conference Workshop