Foundation CEO visits East Coast of Oz!

Dr. Irma Villaflor (center row, middle right) of the CMRI in Sydney hosted a momentous day of lab animal pathology in the Institute’s beautiful conference center

Following up on an invited day of lecture at the Children’s medical Research Program, Foundation CEO took advantage of the Foundation’s “holiday seminar” initiative for our Faculty of Discussants to swing by two other coastal schools to spend a day with their faculty, residents, and students.

Dr. Williams started out in Sydney at the Children’s Medical Research Center in Parramatta for a day of lab animal pathology at the invitation of Dr. Irma Villaflor of the CMRI and the seminar sponsor, Techniplast. The lecture was attended as well by the pathology trainees at the University of Sydney. It was a great day in a very diverse section of West Sydney covering the pathology of numerous lab species from mice to primates, and capped off by a lovely Middle Eastern dinner, complete with belly dancing!

Another day in Sydney was spent with Drs. Karrie Rose and Hannah Bender of the Taronga Zoo combining a wonderful behind-the-scenes tour of their new facility and discussing plans for Dr. Rose’s upcoming wildlife disease courses in Sydney and Bangkok (Foundation co-sponsored) and the potential for future Foundation courses in Sydney and beyond, as well as a business dinner with Dr. Tony Ross, the Chair of the Foundation’s Australian Division, whose efforts on our behalf have ensured a strong and well-known Foundation presence for the last decade down under.

Continued on the next page...
Three days later, Dr. Williams was at the Gatton campus in Brisbane (which hosted our most recent Australian Descriptive Course three years ago.). It was a day of lab animals once again with an increased emphasis on primates. “No matter where I go, the connections are always amazing. One of the attendees had questions on descendants of owl monkeys I had worked with in my residency - it seems they had all been donated to this Australian research facility many many years ago.”. Another great day introducing pathologists and trainees to the Foundation by one of its most engaging speakers, and the pastoral Gatton campus looks like it is ripe and hopeful for another Foundation course before too long.

Five more days of family holiday brought Dr. Williams to James Cook University, a veterinary school never previously officially visited by the Foundation (although it boasts one of our Board members, Dr. Linda Johnson, as a previous faculty member), for the day by staff pathologists Dr. Jim Taylor and Linda Hayes, the topic of the day was descriptive pathology, with staff and the third and fifth year students in attendance.

The "holiday seminar" initiated last year for Foundation Faculty, has already proven to be a great financial advantage for the Foundation, allowing us to visit veterinary schools which have never seen a Foundation seminar. Members of our Faculty of Discussant who are already traveling internationally may request the Foundation pay local travel and lodging in return for visiting nearby veterinary schools to lecture for a day and perform outreach for the Foundation. Already in 2018, James Cook University, the University of Gondar in Ethiopia and the University of Thessaloniki have received their first Foundation seminars under this program, with meetings in Budapest, Lyon and Bucharest currently scheduled for the remainder of 2018 and 2019. For more information on this program or joining our Faculty of Discussants, please contact Dr. Bruce Williams at bruce.h.williams.dvm@gmail.com

TOP: Up-and-coming James Cook University in laid-back Townsville boasts outstanding science and engineering programs including marine sciences, as well as medical, nursing, and veterinary schools. LEFT: In Sydney, Dr. Williams, among other topics, discussed ways to teach mice to play really small instruments. RIGHT: Dr. Kathryn Markham (bottom left) hosted a very enthusiastic group of pathologists and lab animal practitioners for a day of pathology lectures at the University of Queensland.
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 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.
The Davis-Thompson DVM Foundation proudly presents:

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

Volume 1: Epithelial Tumors of the Skin
M. H. Goldsmith, J. S. Munday, J. L. Scruggs, R. Klopfliesch, M. Küpeli

Over 250 pages - Coming July 2018 - $40

ALL COLOR PHOTOS!

To order, visit: http://store.cldavis.org
Diagnostic Exercise
From The Davis-Thompson Foundation*

Case #94: Month: April Year: 2018

Contributors: Wesley Siniard, DVM  Anatomic Pathology Resident Zoo/Wildlife Track; Peter Moore, DVM, PhD; Bill Vernau, BSc, BVMS, DVSc, PhD; School of Veterinary Medicine, University of California, Davis and William R. Pritchard Veterinary Medical Teaching Hospital, Davis, CA 95616.

Clinical History: 10-year-old, male castrated Shetland Sheepdog. The dog originally presented in October of 2016 for a C1-C5 myelopathy and poly-arthritis. He then presented in late November for progressive lameness and muscle atrophy along with a two-week history of inappetance. A complete blood count was performed and a marked macrocytic, hypochromic, non-regenerative anemia was noted. Multiple tests were performed but a cause for the anemia was not identified. In mid-January of 2017, he was transferred from the referring veterinarian for a blood transfusion. A complete blood count and blood smear revealed progression of the anemia along with a leukopenia. Unclassified cells were present along with rare myelocytes and giant bizarre platelets. Due to poor prognosis and financial constraints, euthanasia was elected.

Microscopic Image:

Follow-up questions: Morphologic Diagnosis, immunohistochemistry profile, disease.

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!
Davis-Thompson Foundation
European Division Symposium

Dermatopathology
September 4th-5th, 2018. Hilton Doubletree
Cluj-Napoca, Romania

Join us in the heart of Transylvania for an exciting
review of skin pathology with interactive challenging
case discussions

Dr. Verena Affolter
UC Davis

Dr. Charles Bradley
U Penn

Register at: http://www.cldavis.org/upcoming.html#214
# 20th ISVD MEETING

Joint with European Congress of the ESVP/ECVP, University of Agricultural Sciences and Veterinary Medicine, Cluj-Napoca, Romania, September 6 2018

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>8.15 am</td>
<td>Welcome&lt;br&gt;Presidents ESVP, ECVP and ISVD</td>
</tr>
</tbody>
</table>
| 8.30 am - 10.00 am | Plenary Lecture ISVD  
Dendritic cells and dendritic diseases  
Dr. Verena Affolter, University of California Davis, USA and  
Dr. Mette Schjaerff, University of Copenhagen, Denmark |
| 10.00 am - 10.45 am | Discussion of unusual cases from the ISVD Listserv  
Chair Dr. David Shearer, Finn Pathologists, UK |
| 10.45 am - 11.15 am | Break |
| 11.15 am - 12.30 am | Gross Dermatopathology Interactive – Dog and Cat  
Dr. David Shearer, Finn Pathologists, UK |
| 12.30 pm - 13.30 pm | Lunch |
| 13.30 pm - 14.45 pm | Gross Dermatopathology Interactive – Equine  
Dr. Verena Affolter, University of California Davis, USA |
| 14.45 pm - 15.45 pm | Difficult Diagnosis (Lies of Lesions) on Alopecia  
Dr. Monika Welle, University of Berne, Switzerland |
| 15.45 pm - 16.15 pm | Break |
| 16.15 pm - 16.45 pm | ISVD Grant Presentation  
Long term expansion of canine hair follicular organoids: an important in vitro tool to study the pathogenesis of non-inflammatory alopecia  
Dr. Dominique Wiener, Texas A&M University, USA |
| 16.45 pm - 17.45 pm | ISVD Annual General Meeting (AGM) - Members only |

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**REGISTRATION OPEN**

[https://www.isvd.org/isvd-meetings/upcoming-meetings](https://www.isvd.org/isvd-meetings/upcoming-meetings)

Any questions contact Barbara McMahill, ISVD Vice President ([gericota@gmail.com](mailto:gericota@gmail.com))
SAVE THE DATE
University of Veterinary Medicine, Budapest, Hungary
Wednesday, September 12, 2018

Topics on:
Anatomic and Clinical Pathology of Mice & Rats
Neoplastic and Non-Neoplastic Diseases of Mice & Rats
Approaches to Phenotypic Characterization of Genetically Engineered Mice

Dr. Krista LaPerle
Ohio State University
ASVP 2018 SCIENTIFIC CONFERENCE

Sex in the Wild: Reproductive and Placental Pathology in Population Health and Conservation

DATE: 14-16 SEPTEMBER, 2018

VENUE: Coogee Bay Hotel
9 Vicar Street
Coogee, NSW, Australia

The 2018 conference will explore comparative reproductive and placental pathology with a focus on free-ranging and captive wildlife, the area of specialty from keynote speaker Associate Professor Dalen Agnew, Diagnostic Centre for Population and Animal Health, Michigan State University, USA.

Discussions will be interactive, exploring first principles, with Australian correlates and practical applications supported by a variety of presentations from both national and international anatomical and clinical pathologists.

CONFERENCE INFORMATION, BROCHURE AND REGISTRATIONS ARE AVAILABLE ON LINE AT:

[Conference Website]

CONFERENCE PARTNER

IDEXX LABORATORIES

CONFERENCE SUPPORTERS

OLYMPUS
6th EXPO PATVET
1st Paraguayan Seminar of the CL Davis – SW Thompson Foundation
20 and 21 September, 2018
Facultad de Ciencias Veterinarias – Universidad Nacional de Asunción, San Lorenzo – Paraguay

Speakers:
- Francisco A Uzal, DVM, MSc, PhD, DACVP, California Animal Health and Food Safety Laboratory, University of California, Davis, USA
- Francisco R Carvallo, DVM, PhD, DACVP, California Animal Health and Food Safety Laboratory, University of California, Davis, USA
- Claudio S.L. Barros, DVM, PhD, ACVP Honorary Member, Universidade Federal de Mato Grosso do Sul, Campo Grande, MS, Brazil.
- Alvaro Wehrle Martinez, DVM, MSc, Facultad de Ciencias Veterinarias, Universidad Nacional de Asunción, San Lorenzo, Paraguay

Thursday September 20:
08:00 – 9:00am: Registration
09:30 – 10:00am: Welcome and Inauguration of the Seminar.
10:20 – 10:50am: Coffee Break
11:00-11:15am: Case Presentation. Group I: Metabolic disease in poultry. (Vet Students-FCV, UNA).
11:40-12:00am: Case Presentation. Group III: Update in the diagnosis of canine Leishmaniasis in Paraguay (Vet Students-FCV, UNA).
12:00 – 2:00pm: Lunch
2:00 - 3:30pm: Macroscopic Description and Morphological Diagnosis. (Uzal- EEUU, Argentina)
3:30 – 4:00pm: Coffee Break
4:00 – 5:00pm: Diseases caused by poisonous plants in ruminants. (Barros – Brazil)

Viernes September 21:
8:00 – 9:00am: Defense Mechanisms and predisposing factors for pneumonias in animals (Carvallo – EEUU, Chile)
9:00 – 10:00am: Classification of pneumonias in animals (Carvallo – EEUU, Chile)
10:00 – 10:30am: Coffee Break
10:30am -12:00pm: Examples of pneumonias in domestic animals (Carvallo – EEUU, Chile)
12:00 – 2:00pm: Lunch
2:00 – 3:00pm: Gastrointestinal diseases in Ruminants (Uzal – EEUU, Argentina)
3:00 – 4:00pm: Gastrointestinal diseases in Horses (Uzal- EEUU, Argentina)
4:00 – 4:30pm: Coffee Break
4:30: 5:30pm: Gastrointestinal diseases in Dogs and Cats (Uzal- EEUU, Argentina)

Contact and information: Dr. Alvaro Wehrle Martinez: awehrle@vet.una.py
Fees and registration: https://aswehrle.wixsite.com/davisseminarparaguay
4th Uruguayan CL Davis/SW Thompson Foundation Seminar
October 1 - 2, 2018, Montevideo, Uruguay
(Dermatopathology - Oncopathology)

Organizers: Veterinary School, Universidad de la República (FVET-UdelaR), National Veterinary Laboratories (DILAVE) “Miguel C. Rubino”, National Institute of Agricultural Research (INIA), CLDavis/WThompson Foundation (Uruguayan Sub-Division), Latin Comparative Pathology Group.
Keynote speaker: Joaquín Ortega Porcel, DMV, PhD, DACVP, Universidad CEU Cardenal Herrera, Valencia (Spain).
Local speakers: Fernando Dutra (DILAVE), Cecilia Amaral, Cecilia Menéndez, Paula Pessina, Kanji Yamasaki, Claudio Borteiro, Alejandro Crampet, José Manuel Verdes (FVET-UdelaR).

<table>
<thead>
<tr>
<th>Time</th>
<th>Topics</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monday 10-01-2018</td>
<td></td>
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</tr>
<tr>
<td>8:30 a 9:00</td>
<td>Registration and welcome</td>
<td>José Manuel Verdes</td>
</tr>
<tr>
<td>9:00 a 10:30</td>
<td>Introduction to dermatopathology</td>
<td>Joaquín Ortega Porcel</td>
</tr>
<tr>
<td>10:30 a 11:00</td>
<td>Coffee Break</td>
<td></td>
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<tr>
<td>11:00 a 12:30</td>
<td>Patterns of dermatological lesions</td>
<td>Joaquín Ortega Porcel</td>
</tr>
<tr>
<td>12:30 a 14:00</td>
<td>Lunch time (on your own)</td>
<td></td>
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<tr>
<td>14:00 a 15:00</td>
<td>Dermatopathology diagnoses at East Regional Veterinary Diagnostic Laboratory, DILAVE</td>
<td>Fernando Dutra</td>
</tr>
<tr>
<td>15:00 a 15:30</td>
<td>Diagnosis of cutaneous diseases in wild amphibians</td>
<td>Claudio Borteiro</td>
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<tr>
<td>15:30 a 16:00</td>
<td>Coffee Break</td>
<td></td>
</tr>
<tr>
<td>16:00 a 16:30</td>
<td>Dermatopathological cases received at the UdelaR</td>
<td>Kanji Yamasaki &amp; others (Pathol.)</td>
</tr>
<tr>
<td>16:30 a 18:30</td>
<td>Cases Seminar (gross and micro). Part 1</td>
<td>Joaquín Ortega &amp; others (to confirm)</td>
</tr>
</tbody>
</table>

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<thead>
<tr>
<th>Time</th>
<th>Topics</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>Tuesday 10-02-2018</td>
<td></td>
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<tr>
<td>9:00 a 10:30</td>
<td>Mammary gland neoplasias</td>
<td>Joaquín Ortega Porcel</td>
</tr>
<tr>
<td>10:30 a 11:00</td>
<td>Coffee Break</td>
<td></td>
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<tr>
<td>11:00 a 11:30</td>
<td>Mast cell tumors: clinical diagnosis and treatment</td>
<td>Cecilia Amaral y Cecilia Menéndez</td>
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<tr>
<td>11:30 a 13:00</td>
<td>Mast cell tumors and soft tissues sarcomas</td>
<td>Joaquín Ortega Porcel</td>
</tr>
<tr>
<td>13:00 a 14:00</td>
<td>Lunch time (on your own)</td>
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<tr>
<td>14:00 a 14:30</td>
<td>Canine thyroid carcinomas: molecular mechanisms and treatment</td>
<td>Paula Pessina</td>
</tr>
<tr>
<td>14:30 a 15:00</td>
<td>Soft tissue tumors in venomous snakes</td>
<td>Alejandro Crampet</td>
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<tr>
<td>15:30 a 16:00</td>
<td>Coffee Break</td>
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<tr>
<td>16:00 a 18:00</td>
<td>Cases Seminar (gross and micro). Part 2</td>
<td>Joaquín Ortega Porcel &amp; others (to confirm)</td>
</tr>
<tr>
<td>18:00 a 18:30</td>
<td>Closing ceremony</td>
<td>Organizing Committee</td>
</tr>
</tbody>
</table>

REGISTRATIONS: U$S 60. Veterinary School Registration Office, UdelaR (tesoreria@fvet.edu.uy). LIMITED SITE AVAILABLE: 80. CONTACTS: Dr. José Manuel Verdes (jmverdes@fvet.edu.uy), Continued Education Program (PEC), Veterinary School, UdelaR (pecfvet@gmail.com).
28th Southcentral division meeting
Oct. 5-6, 2018, Galveston, TX

Guest speaker
Dr. Fabio Del Piero
GI pathology

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

Visit www.cldavis.org/courses/upcoming.html#218 for more information about submitting case reports, hotel accommodations, schedule and to register!

Case presentations
Lectures

Texas A&M University
Galveston campus

Friday, Oct. 5
Saturday, Oct. 6

Tuition
The registration fee includes morning and afternoon refreshments, group lunch and dinner, and a one year membership for non-members!

Members: $200  Non-members: $350  Extra-dinner Guests/Spouses: $45
18th Annual Davis Thompson Diagnostic Pathology Symposium

DIAGNOSTIC GASTROINTESTINAL PATHOLOGY

Given in association with the 61st Annual Meeting of the AAVLD
October 19th, 2018 – Kansas City, MO

Tuition $150
Includes:
Pdfs of presentations, breaks, 8 hours of RACE-accredited CE.

Register online at: www.regonline.com/2018AAVLD

For more information visit:
www.cldavis.org/courses/upcoming.html#219
or email course director Dr. Paco Uzal at fuzal@cahfs.ucdavis.edu
I INTERNATIONAL COURSE OF GROSS & MICROSCOPIC VETERINARY PATHOLOGY

Speakers:
Ana Alcaraz (Western University, USA) • Francisco Carvallo (UCDavis, USA) • Paula Esquinas (Universidad Nacional de Colombia) • Ana María Henao (Laboratorio Zoopath) • Jahnier Caicedo (Universidad Nacional de Colombia) • Giovanny Vargas (Universidad Nacional de Colombia) • Francisco Pedraza (Universidad de Caldas) • Luis Carlos Veloza (Universidad CES) • Mauricio Collazos (UDCA).

Venue:
Universidad Nacional de Colombia (Carrera 45 # 26 - 85), Auditorio Alexis Omaña de la Facultad de Medicina Veterinaria y Zootecnia.

24 and 25 October, 2018
Bogotá - Colombia

Contact: acpavetcol@gmail.com
paola.barato@corpavet.com jacaicedoma@unal.edu.co

Organizers:
Sponsors:
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
2018
Davis-Thompson Foundation/ACVP
Diagnostic Path Workshop
3 November 2018
Washington, DC

Dr. Donald J. Meuten, DVM, PhD, DACVP
Endocrine pathology

Schedule
8:00-8:15  Welcome
8:15-9:45  Parathyroid and Calcium Disorders
9:45-10:15 Break
10:15-11:15 Hyperadrenocorticism
11:15-12:00 Standardization and Validation of Oncology Studies
12:00-1:15 Lunch
1:15-3:00  Hypoadrenocorticism, Disorders of the Pituitary gland and Endocrine Pancreas
3:00-3:30  Break
3:30-5:00  Thyroid gland disorders

Registration through the American College of Veterinary Pathologists website (when available)
‘3rd Meeting of the CL Davis/SW Thompson Foundation – Peruvian Division: Diseases of cattle’
Pre-Congreso de Medicina Veterinaria y Zootecnia- Arequipa, Perú: Patologías en Bovinos

Location: Arequipa, Perú
Address: Universidad Católica de Santa María, Urb. San José s/n, Umacollo, Auditorio “Santa María”
Faculty: Escuela Profesional de Medicina Veterinaria y Zootecnia

Speakers:
- Francisco A Uzal, DVM, MSc, PhD, DACVP, University of California- Davis, US
- Claus Buergelt, DVM, PhD, DACVP, University of Florida, US
- Fernando Fernández Fernández, PhD, MSc, 2da. Esp., Dipl., MV., Universidad Católica de Santa María, Arequipa, Perú

Program:
**Friday 16 November:**
09:00 – 10:30: Gross diagnosis in veterinary pathology. F. Uzal
10:30 – 11:00: Coffee break
11:00 – 12:00: Reproductive diseases. C. Buergelt
12:00 – 14:00: Lunch
14:00 - 14:30: Reproductive diseases. C. Buergelt
14:30 – 15:30: Alimentary diseases, part I. F. Uzal
15:30 – 16:00: Coffee break
16:00 - 17:00: Alimentary diseases, part II. F. Uzal

**Saturday 17 November:**
09:00 – 09:30 Gross and microscopic changes in liver at slaughterhouse. F. Fernández F.
09:30 – 10:30 Respiratory diseases. C. Buergelt
10:30 – 11:00: Coffee break
11:00 – 12:00: Clostridial diseases. F. Uzal

**Information and registration:**
Dr Fernando Fernandez Fernandez, Arequipa, Peru. Email: ffernandez@ucsm.edu.pe ffernandezfernandez@gmail.com

**Registration Fee:**
Professionals: 100 PEN (Peruvian soles) ~ 35 USD.
Students: 60 PEN (Peruvian soles) ~ 20 USD.
## Latin Comparative Pathology
### Davis-Thompson Foundation

## Calendar of Courses in Latin America 2018

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<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>
</table>
| **Colombia** | 1<sup>st</sup> International Course of Gross and Microscopic Veterinary Pathology | October 24-25 | Universidad Nacional de Colombia, sede Bogotá | * Ana Alcaraz (Western University, USA)  
* Francisco Carvallo (UCDavis, USA)  
* Paula Espinosa, Jahnier Caicedo, Giovanny Vargas (Universidad Nacional de Colombia)  
* Francisco Pedraza (Universidad de Caldas)  
* Luis Carlos Veloz (Universidad CES)  
* Ana Maria Henao (Laboratorio Zoopath)  
* Mauricio Collazos (UDCA) | Gross and descriptive pathology | Paola Barato  
paola.barato@corpavet.com  
Jahnier Caicedo Martinez  
jacaicedoma@unal.edu.co |
* Paola Barato (CORPAVET)  
* Jorge Cuellar-Anjel (OIRSA)  
* Esteban Soto (UCDavis) | Pathology of tilapia, trout and shrimp | Paola Barato  
paola.barato@corpavet.com |
| **Uruguay** | 6<sup>th</sup> Expo Patvet and 1<sup>st</sup> Paraguayan Seminar of Veterinary Pathology of the Davis-Thompson Foundation | September 20-21 | National University of Asunción | * Francisco Carvallo, Francisco Uzal (UCDavis, USA)  
* Claudio Barros, Universidad Federal de Mato Grosso do Sul, Brazil,  
* Alvaro Wehrle Martinez, Facultad de Ciencias Veterinarias, Universidad Nacional de Asunción, Paraguay | *Gross diagnosis  
*Alimentary diseases  
*Respiratory diseases  
*Toxic plants | Álvaro Sebastian Wehrle Martinez  
awehrle@vet.una.py |
| **Uruguay** | 4<sup>th</sup> Uruguayan Seminar of the Davis-Thompson Foundation | October 1-2 | Facultad de Veterinaria, Universidad de la República (Montevideo, Uruguay) | Joaquin Urtega Porcel, Universidad CEU Cardenal Herrera, Valencia (Spain). | Dermatology and oncology | José Manuel Verdes  
jverdes@fvet.edu.uy |
| **Perú** | 3<sup>rd</sup> Peruvian Seminar of the Davis-Thompson Foundation | November 16-17 | Universidad Católica de Santa María, Arequipa, Peru | * Fernando Fernandez Fernandez (Universidad Católica de Santa María, Peru)  
* Francisco Uzal (UCDavis, USA) | Diseases of cattle | Dr Fernando Fernandez Fernandez  
ffernandez@ucs.edu.pe  
ffernandezfernandez@gmail.com |
2019 General Veterinary Pathology Review Course

31 Jan - 3 Feb
University of Georgia
Athens, GA

Cellular responses to injury
Hemodynamics
Inflammation and Repair
Immunity and Hypersensitivity
Neoplasia
Toxicologic Pathology
Microbial mechanisms of disease

More information:
Dr. Patricia Pesavento (papesavento@ucdavis.edu)
http://www.cldavis.org/upcoming.html

Registration:
http://www.regonline.com/2019GenPathReview
Wildlife Health and Pathology Short Course & Translocation Health Symposium
18 - 23 February 2019, Sydney

The Australian Registry of Wildlife Health, supported by the Cybec Foundation and CL Davis Foundation, is hosting a Wildlife Health and Pathology Short Course, followed by a one-day Translocation Health Symposium.

The Short Course provides an intensive, detailed review of the health and diseases of each taxonomic group of wildlife: birds, mammals, reptiles, amphibians and aquatic animals. Hot topic presentations on emerging diseases impacting wildlife conservation, and gross and histopathology rounds bring these reviews to life.

The Translocation Health Symposium will highlight the many disciplines of translocation science including ecology, nutrition, behaviour, welfare, and disease risk analysis. Panel discussions will provide an opportunity for engagement and the exchange of ideas and best practice.

Each fascinating program will be delivered by expert educators, including internationally acclaimed wildlife pathologists Drs Judy St Leger (SeaWorld), Bruce Rideout (San Diego Zoo), Michael Garner (Washington State University), Kevin Keel (UC Davis), nutritionist Ellen Dierenfeld (NTU Trent University), eminent ecologist Carl Jones (Durrell Wildlife Conservation Trust) and local wildlife specialists.

Registrations are now open!

Course Program, Speaker Bios, and Online Registrations are accessible via the Registry website – https://arwh.org/event/wildlife-health-pathology-short-course-2019

*Applications for scholarships for local graduate student, and wildlife veterinarians from developing countries will be opening soon.
EuroPoLA 2019
European Pathology of Lab Animals Course

Pathology of Laboratory Rodents and Rabbits
Pathology of Laboratory Non-Human Primates
Pathology of Laboratory Fish, Amphibians and Reptiles
Clin Path of Laboratory Animal Species
Microscope sessions
Mock exams

11 - 15 March 2019
University of Bern - Switzerland

For more information contact:
Dr. Bruce Williams – bruce.h.williams.dvm@gmail.com
http://www.clldavis.org/upcoming.html
Registration:
www.regonline.com/2019EuroPola
Notice of Future Meetings

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

The BSTP's 33rd Annual Scientific Meeting (including the AGM) will cover the topic of mouse pathology. Based on the approach of previous mouse pathology meetings organised by the Wellcome Trust, this meeting will aim to have a mix of talks to enable those in the early stages of their career to learn about pathology basics including terminology and necropsy; the basics of necropsy approach and sample collection; collecting and handling samples and recording pathology data; commonly used mouse strains and common phenotypes; infectious diseases that can affect phenotypes; planning for the unexpected - ASPA. For more experienced pathologists, the aim is to enable you to refresh your knowledge on the basics, whilst including talks on CRISPR/Cas9 technology; immuno-oncology and biologic effects; and tissue based genetic studies. Registration

CES 1: Toxicology and Pathology
Tuesday 26th - Thursday 28th March 2019
Department of Pathology, Cambridge, UK
Registration for this symposium will open in December 2018

The aim of the second round of Continuing Education Symposiums is to continue providing an interactive environment to enhance your knowledge in the field of toxicological, discovery, clinical, experimental or veterinary pathology. The Continuing Education Symposiums are designed to refresh participants' knowledge and understanding of core principles, as well as discuss any important recent advances. Future BSTP Continuing Education Symposiums will also focus on specific organ systems. This Continuing Education Symposium will provide a higher-level overview of Toxicology and Pathology, how it integrates with other disciplines and with various phases of drug development and how pathology data is interpreted and communicated (for instance with clinicians and regulatory authorities). Topics to be covered include (but are not limited to): advanced pathology techniques, integration of histopathology and clinical pathology data, animal models in drug discovery, case studies of adverse/non-adverse pathology findings, use of pathology data for risk assessment. 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 is arranged such that each individual day can be attended as stand-alone CPD event if desired. More information here.

CES 2: Liver
Tuesday 9th - Thursday 11th July 2019
Department of Pathology, Cambridge, UK
Registration for this symposium will open in spring 2019

The aim of the Continuing Education Symposium is to provide an interactive environment to enhance your knowledge in the field of toxicological, discovery, clinical, experimental or veterinary pathology. The Continuing Education Symposiums are designed to refresh participants' knowledge and understanding of core principles, as well as discuss any important recent advances. This Continuing Education Symposium will provide an intermediate level symposium on the Liver covering both theory and practical classes including INHAND, rodent and non-rodent liver pathology and risk assessment as well as reviewing challenges with current research models. 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. More information here.

BSTP Secretariat – bstpoffice@aol.com
XII Seminar of the Argentinean Subdivision of the Davis-Thompson Foundation and XI Argentinean Meeting of Veterinary Pathology (RAPAVE)

The 12th Seminar of the Argentinean Division of the Davis-Thompson Foundation was held in La Plata, Buenos Aires, Argentina, simultaneously with the 11th Argentinean Meeting of Veterinary Pathology (RAPAVE), between 8 and 10 of August, 2018. These meetings were organized by the Animal Pathology Laboratory “Dr. B. Epstein” of the Faculty of Veterinary Sciences of La Plata National University, and sponsored by the CL Davis/SW Thompson Foundation, the Latin Comparative Pathology Group, the Argentine Association of Veterinary Pathology (AAPV) and the Argentine Society of Veterinary Medicine. The Organizing Committee was supported by an enthusiastic group of students that took care of myriad activities and provided wonderful hospitality to all guests. The seminar was attended by a total of 120 participants, including pathologists, professors, lecturers, undergraduate and postgraduate students and private practitioners from Argentina, Brazil, Chile, Uruguay and Ecuador.

Dr. Kevin Woolard, UC Davis, USA, lectured for almost a whole day on tumor development and mechanics of carcinogenesis in the nervous system, and also on canine and feline neuropathology. His wonderful lectures were comprehensive and yet extremely didactic. This was complemented by a lecture on intoxications with neurological outcomes in small animals by Dr. Pedro Zeinstein from La Plata National University. Susan Stover and Francisco Uzal from UC Davis offered a review of anatomy and fracture classification and lectures about catastrophic fractures and associated preexisting injuries in racehorses together with a description of the post-mortem program of the California Horse Racing Board. Dr. Rita Rocca, from Maroñas National Racecourse and Dr. Fernando Dutra from Division of Veterinary Laboratories (both in Uruguay) shared their experiences on investigation of catastrophic fractures in that country. Finally, Drs. Leonardo Minatel and Susana Wacholder (University of Buenos Aires, Argentina) lectured on examination and sampling of equine placenta and main causes of abortion and perinatal death in horses.

Sixty nine posters and 13 oral presentations (selected from abstracts submitted) were presented throughout the meeting. Three best posters awards were given to Germán Coscelli, Nicolás Streitenberger and Gonzalo Madariaga from Argentina, and the three best oral presentation awards were for Carolina Aspitia and Carlos Margineda (Argentina), and Mauricio Navarro (Chile).

Organizing Committee (Animal Pathology Laboratory, Faculty of Veterinary Sciences, La Plata National University)

The already traditional histopathology workshop included the presentation of 12 exciting cases in domestic and non-domestic species. The sections had been prepared by UC Davis and distributed several weeks before the workshop. A workshop on dissection technique of equine limbs was held as the concluding activity of the meeting.

Workshop on equine leg examination. Drs Susan Stover and Francisco Uzal demonstrated dissection techniques.

At the fellowship dinner, Drs Ana María Canal (National University of Litoral) and Eduardo Gimeno (National University of La Plata) received a lifetime achievement recognition from AAPV for their contribution to veterinary pathology in Argentina.
Zoo Path in Greece

I was recently honored with an invitation from the Davis-Thompson to teach at the Veterinary School, University of Thessaloniki. I taught four 2-hour segments, that included trends in zoo felid neoplasia, select diseases of small mammals, select diseases of zoo and pet birds, and select diseases of reptiles.

I want to first say that the Greeks are the kindest, most laid back and welcoming people I have experienced in some time. English is freely spoken or understood in Greece, and in-town signage is usually bilingual, so very easy to get around, order food etc. My partner Jan Ramer and I visited Athens antiquity and vacationed on Santorini prior to my stopover in Thessaloniki, and travel by plane, boat, taxi etc was smooth and unfettered.

In Thessaloniki I was met and chauffeured from my hotel to the Veterinary school by the Director of the Pathology Laboratory and Dean, School of Veterinary Medicine, Dr. Nikos Papaioannou. My main contact and host at the meeting was assistant professor and pathologist, Dr. Dimitra Salla. Dimitra overcame some powerpoint compatibility challenges and kept the meeting flowing smoothly. Thirty four enthusiastic participants from 3 countries were in attendance, including 8 pathologists, 10 students, and the 16 clinicians. After the meeting, we gathered portside for a lovely seafood/Greek dinner hosted by Dr. Papaioannou. The following day, Dr. Salla was kind enough to escort me to the airport.

I felt very good about this meeting, received many generous compliments and made new friends in Greece, before whisking off to Belgrade to do it all again. And that’s a story for the next newsletter!

Michael Garner, DVM, Dipl. ACVP
One Fantastic Month at the SNPRC

I spent one month with Dr. Edward Dick, Dr. Olga Gonzales, and Dr. Shaymesh Kumar at the Southwestern National Primate Research Center. I’m in my fourth year and have a keen interest in pathology.

My time was divided between necropsies and writing- each student is assigned a case report to work on during their stay. Mine will be a report of five cases of primary liver neoplasia in captive marmosets. The first two necropsies we saw were out of the ordinary. A mass half the size of my head was found in the thorax of a baboon, and the next day we saw an abdomen that was essentially one big mass. The fibrosis was severe enough that it was difficult teasing out the individual organs. Very impressive!

I was able to practice grossing in samples and get more comfortable handling a blade. When not observing necropsies, students are allowed to complete their own. I had a chance to perform a necropsy on a baboon, a couple of macaques, and a marmoset! It was an amazing opportunity, and I had a chance to review a lot of forgotten anatomy, as well as learn some new structures (air sacs…who knew?).

It was an amazing opportunity and I am very grateful to all the pathologists and technicians for making my stay unforgetable!
Latin Comparative Pathology Group (LCPG) Externship in the USA Award

Dr. Carlos Flores Olivares, from Universidad Mayor, Chile, visits UC Davis!

Since 2016, the LCPG (Latin Comparative Pathology Group, the Latin American division of the Davis-Thompson Foundation) has been giving travel awards, to help students and veterinarians from Latin America to do short externships in veterinary pathology in the USA and, more recently, elsewhere in the world.

Last July, Dr. Carlos Flores Olivares (Universidad Mayor, Chile) spent a few weeks at the California Animal Health and Food Safety Laboratory, San Bernardino branch, University of California - Davis, under the sponsorship of Dr. Francisco Uzal. He was selected for the award amongst several applicants, and was awarded $425.00 and a diploma. During Dr. Flores’ time at the CAHFS, he participated in necropsy, biopsy and other diagnostic biopsy activities, and he attended multiple seminars with faculty, residents and other scholar visitors. Dr. Flores is a faculty member at Universidad Mayor in Chile. On receiving the award, he said: “This is a great opportunity for Latin American pathologists. I am very excited to participate of the daily diagnostic activities and to learn from a great variety of cases. I am going back with tons of ideas and new knowledge, which I will share with my students and will surely apply on my teaching activities. This is for sure an eye-opener experience!”

Left: Dr. Carlos Flores (right) receiving the LCPG certificate from Dr Francisco Uzal (sponsor). Right: Faculty, staff, students and scholar visitors at the San Bernardino branch of the California Animal Health and Food Safety Laboratory, UC Davis. From left to right: Drs Francisco Uzal, Carlos Flores, Alvaro Wehrle, Augusto Jiménez, Francisco Carvallo, Viviana González and Mauricio Navarro.
## CALENDAR OF UPCOMING EVENTS

### September 2018
- **09/04-09/05** Davis-Thompson Foundation European Division Symposium – Dermatopathology - Cluj-Napoca, Romania
- **09/20-09/22** 6th EXPO PATVET/1st Paraguayan Seminar of the Davis-Thompson Foundation, San Lorenzo, Paraguay

### October 2018
- **10/05-10/06** Foundation Annual Southcentral Division Meeting, Galveston, TX

### November 2018
- **11/03** Foundation/ACVP Diagnostic Pathology Workshop, Washington DC
- **11/15-11/16** BSTP Pathology of Mouse Models of Disease, Cambridge, UK

### January 2019
- **11/03** General Veterinary Pathology Review Course, University of Georgia, USA

### February 2019
- **02/18-02/23** Wildlife Health and Pathology Short Course & Translocation Health Symposium, Australia

### March 2019
- **03/11-03/15** EURO Pathology of Lab Animals Course (POLA), University of Bern, Switzerland
- **03/26-03/28** BSTP Toxicology and Pathology, Cambridge, UK

### July 2019
- **07/09-07/11** BSTP Pathology of the Liver, Cambridge, UK