



C.L. DAVIS/S.W. THOMPSON DVM FOUNDATION

A TAX-EXEMPT, DONATIVE, PUBLICLY-SUPPORTED CHARITY
FOR THE ADVANCEMENT OF VETERINARY AND COMPARATIVE PATHOLOGY

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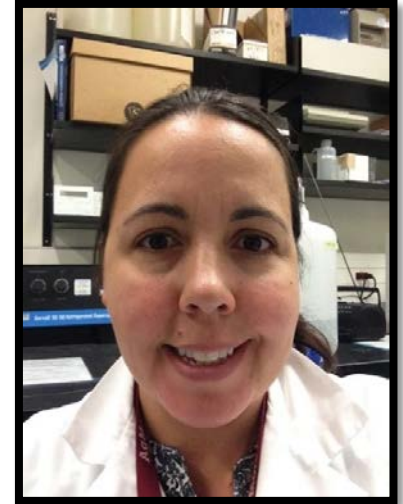
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Bassel's Breathtaking Bronchiolar Brief Blows Minds

Participant's Review of Patterns of
Lung Injury

By *Laura Setyo BVSc (Hons), MRCVS,
MANZCVS (Veterinary Pathology),
Diplomate ACVP*



Dr. Laura Bassel

What a privilege to be reviewing Dr. Laura Bassel's (National Cancer Institute) webinar on Patterns of Lung Injury on 31st July! Laura is a fellow volunteer on the Davis-Thompson Foundation's Virtual Seminar Committee. By night, she is helping organise webinars for your viewing pleasure and by day, she is friendly neighbourhood pulmonary disease guru. Audience members knew we were in for a treat.

Though some refer to identifying gross pulmonary changes as the Dark Arts (who knew there could be so many shades of red and pink?!), Laura's approach to lung disease is thorough and easy-to-follow. She covers a variety of lung diseases, including pneumonia, pulmonary hypoplasia and interstitial fibrosis during her talk. Her foray into lung injury is accompanied by a vast array of gross and histopathologic images to boot. As a slight aside – did you know we can access scanned slides of COVID-19-affected lung through the NIH? Thanks Laura for this fun fact; it's very relevant in the current climate.

Finishing with an outstanding and engaging Q&A, audience members left this webinar refreshed on our knowledge of lung disease. Thanks Laura for an inspiring talk!

For anyone that hasn't checked it out, you can review the scanned slides provided by the NIH in the COVID Digital Pathology Repository here: <https://covid19pathology.nih.gov/>.

September Virtual Seminars of the Davis-Thompson Foundation and the Latin Comparative Pathology Group



04
FRIDAY

Applications of Unbiased Sequencing Technology in Veterinary Pathology

SPONSORED BY DTF



Dr. Eric Burrough
Iowa State University

https://us02web.zoom.us/webinar/register/WN_uQ8HYKqbR5iNo_xmriVyAg

Intestinal biopsies

11
FRIDAY

SPONSORED BY DTF



Dr. Jesse Hostetter
University of Georgia

https://us02web.zoom.us/webinar/register/WN_IdnTQbZETs2DI8fpC3WcrQ

18
FRIDAY

Anatomic correlates of pain: Advances and opportunities in sensory pathology

SPONSORED BY DTF



Dr. LaTasha Crawford
University of Wisconsin - Madison

https://us02web.zoom.us/webinar/register/WN_eNADz8t5QsY0t9M7dp33OQ

Open your mind:
Examine the "fresh" brain

25
FRIDAY

SPONSORED BY LCPG



Dr. Raquel Rech
Texas A&M University

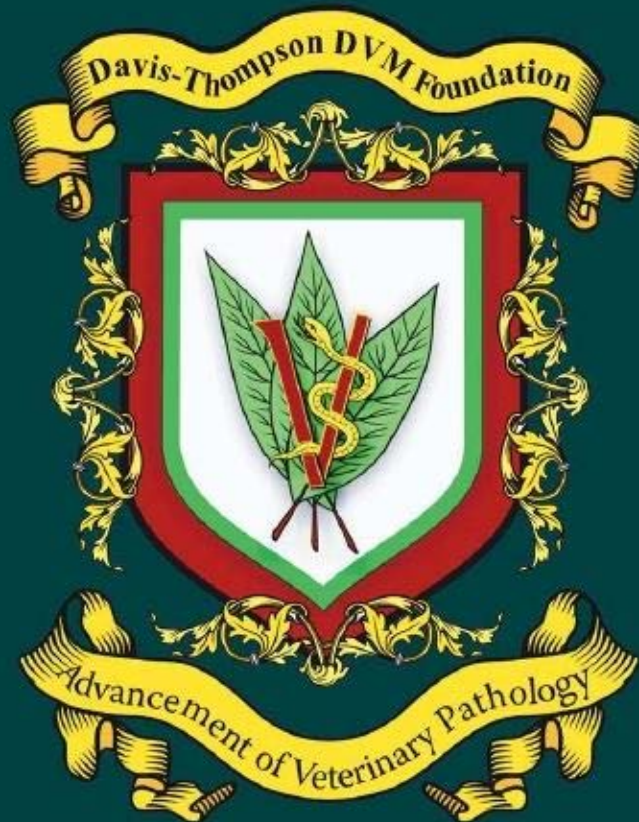
https://us02web.zoom.us/webinar/register/WN_KfA-J-NzSHWyxKa2iHYxg

The seminars are free and offered via Zoom and hosted by Davis Thompson Foundation CEO, Dr Bruce Williams or President Dr Francisco Uzal. Registration is free but required (watch for your invitation to register in the coming weeks). Certificates of attendance will be provided to all who attends the live webinar.

All seminars are at 9-10:30 am (PST), 10-11:30 am (MST), 11 am-12:30 pm (CST), 12-1:30 pm (EST)

Surgical Pathology of Tumors of Domestic Animals

Edited by M. Kiupel



Volume 3: Tumors of Soft Tissue

P. Roccabianca, F. Y. Schulman,
G. Avallone, R. A. Foster, J. L. Scruggs,
K. Dittmer, M. Kiupel

AVAILABLE NOW!!!!

Click [here](#) to place your order!



Davis Thompson Foundation Australian Saturday seminars



Saturday 18 July AEST: 10am-12pm/AWST: 8-10am
(Friday 17 July 5-7pm PST in US*)



Animal models of
respiratory disease

Dr. Dennis Wilson
UC DAVIS, US

Saturday 5 September AEST: 10am-12:30pm/AWST: 8-10:30am
(Friday 4 September 5-7:30pm PST in US*)

RESCHEDULED



Diagnostic molecular pathology -
Bridging the gap between molecular
biology and clinical medicine

Dr. Matti Kiupel
Michigan State University, US

Saturday 19 September AEST: 10am-12pm/AWST: 8-10am
(Friday 18 September 5-7pm PST in US**)



In pursuit of a
sense of bone

Dr. Brian Murphy
UC DAVIS, US

Saturday 10 October AEST: 11am-1pm/AWST: 8-10am
(Friday 9 October 5-7pm PST in US**)



Avian diseases:
Diagnostic challenges and gifts

Dr. Leslie Woods
UC DAVIS, US

Saturday 31 October AEST: 11am-1pm/AWST: 8-10am
(Friday 30 October 5-7pm PST in US**)



Crocodilian pathology and selected
diseases of other Australian reptiles

Dr. Cathy Shilton
Dr. Karrie Rose

Berrimah Veterinary Laboratories, Northern Territory &
Australian Registry of Wildlife Health, Taronga Conservation Society
New South Wales, Australia

Saturday 14 November AEST: 12-2pm/AWST: 9-11am
(Friday 13 November 5-7pm PST in US**)



Ocular pathology of dogs and cats:
From normal anatomy to common
lesions

Dr. Chris Reilly
Insight Veterinary Specialty Pathology, US

*Please double check session times against 5pm PST (US) in all Australian locations, particularly after daylight savings

Registration links:

Animal models of respiratory disease: https://us02web.zoom.us/webinar/register/WN_tqPGa_LIT86NDv_G-Ap_Qw

Diagnostic molecular pathology - Bridging the gap
between molecular biology and clinical medicine https://us02web.zoom.us/webinar/register/WN_SqFD1rIUQ90YpSidY509Dw

In pursuit of a sense of bone https://us02web.zoom.us/webinar/register/WN_yr68ZY8sSYGmltiefM9xDa

Avian diseases: Diagnostic challenges and gifts https://us02web.zoom.us/webinar/register/WN_RbPjmQCKQDwqwz6B581IA

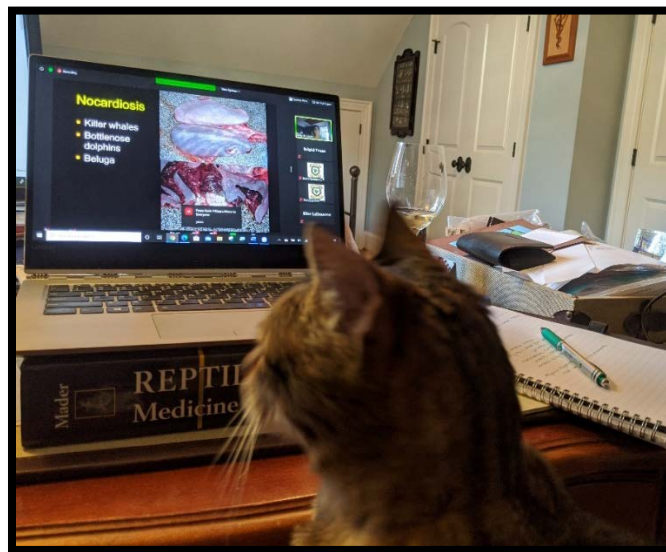
Crocodilian pathology and selected diseases
of other Australian reptiles https://us02web.zoom.us/webinar/register/WN_B13sOH3hT5mMjty6zyhIPw

Ocular pathology of dogs and cats:
From normal anatomy to common lesions https://us02web.zoom.us/webinar/register/WN_iEIEBUK2T5SjqA9LESKvfw

Summary of Diseases of Aquatic and Zoo Animals

By Brigid V. Troan, DVM, DACVP

On June 9, 2020, the Foundation held a full day focused on the physiology and pathology of aquatic and zoo animals attended by over 200 people. Dr. Elise LaDouceur of the Joint Pathology Center and Northwest ZooPath started the seminar off with invertebrate species. She covered not just pathology of each major invertebrate taxa, but included primers in immunology, anatomy, and physiology of this large, complex and fascinating group of animals ranging from spiders to jellyfish. Her pop questions scattered throughout the talk helped engage viewers and fun facts about each animal group gave context for the subsequent diseases (did you know that the esophagus of spiders and octopuses goes *through* their brain?!). Dr. Salvatore Frasca of the University of Florida followed with a thorough overview of fish diseases divided by pathogen group, going through protists, algal, metazoans, bacteria and viruses. Many of the pathogens have great common names such as the classic hamburger gill disease (proliferative gill disease of catfish) as well as less well known diseases such as Oodinirosis (marine velvet disease). Dr. Mike Garner from Northwest ZooPath also divided his discussion of diseases in aquatic birds into disease categories including infections (bacterial, viral, fungal, and protozoa), toxicosis, deposition / storage disorders, and neoplasia. Many of these diseases while common in aquatic birds are also frequently seen in other avian species, and participants benefitted from Dr. Garner's wealth of personal experience. Bringing the day to a close was the inestimable Dr. Judy St. Leger, now at Cornell University, who gave an overview of disease of marine mammals. She helpfully pointed out which diseases could be distinguished on gross and histopathology and which need further testing modalities to make a definitive diagnosis. Her lively personality, and inclusion of audience questions during the talk kept the seminar going strong to the end! Overall, the seminar was success being informative and covering a wide range of animals and diseases.



The seminar was moderated by Dr. Troan, whose cat Aja joined and expressed an interest in marine mammals.

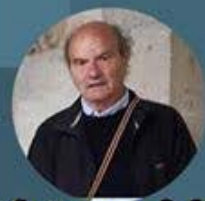


XIII Seminario de la Fundación CL Davis-SW Thompson en Argentina Patología de las enfermedades emergentes y reemergentes de los cerdos

Miércoles 2 de Setiembre de 2020



Patología comparada de las neumonías virales en cerdos
Dr. Joaquim Segalés
Universidad Autónoma de Barcelona (UAB)



Patología comparada de las enteritis virales neonatales y la reemergencia de los Coronavirus del cerdo en el marco de la pandemia del SARS-CoV2
Dr. Carlos J. Perfumo
Universidad Nacional de La Plata (UNLP)



Patología comparada de la enteritis en cerdos en crecimiento y engorde
Dr. Roberto M. Guedes
Universidad Federal de Minas Gerais(UFMG - Brasil)



Presentación de casos clínicos: patología y otros estudios realizados para su resolución diagnóstica
Dr. Pablo E. Piñeyro Piñeyro
Universidad Estatal de IOWA (ISU - EE.UU)

Para más información y inscripciones:

https://us02web.zoom.us/webinar/register/WN_ID8rxJcbSj6IEx6kDsTEXA

Davis-Thompson Foundation Day Seminars



FORENSIC PATHOLOGY Tuesday, 8 September



Dr. Adam Stern
An introduction to veterinary forensic death investigations
University of Florida
7-8:30 am**



Dr. Jason Brooks
Gunshot wounds and postmortem interval
Pennsylvania State University
9-10:30 am



Dr. Beverly McEwen
Asphyxia including drowning
University of Florida
11-12:30 pm



Dr. Rebecca Kagan
Topics scavenging/
decomposition and wildlife poisoning
National Fish and Wildlife Services,
Oregon
1-3 pm



Dr. Tabitha Viner
Bone fractures, and bias in examination/testimony
National Fish and Wildlife Forensic Laboratory,
Oregon
3:30-5 pm

8 RACE CE CREDITS!*

Registration fee: \$50

*-This seminar is preapproved by the ACVP Maintenance of Certification (MOC) Committee for 4 credits

-This program has been submitted (but is not yet approved) for 8 hours of continuing education credit in jurisdictions which recognize RACE approval.

** all times in PST

https://us02web.zoom.us/webinar/register/WN_uDy0Se-kT0erT_wCOHEuYQ



Brazilian virtual seminars



**Pathology practice in captive wild animals
(Anatomia patológica na prática médica em animais selvagens em cativeiro)***

**Dr. Renato Santos
(UFMG)**

September 9, 6pm-8pm**

https://us02web.zoom.us/webinar/register/WN_GUTdqOTgRhiVhmnAW9Ra8w



**Selected cases of infectious diseases in Neotropical animals
(Casos selecionados de doenças infecciosas na fauna Neotropical)**

**Dr. José Luiz Catão Dias
(USP)**

September 9, 8pm-10pm

https://us02web.zoom.us/webinar/register/WN_qj_ygW_CTU-uJX8wL0gSLA



**Forensic veterinary anatomic pathology
(Anatomia patológica forense em animais)**

**Dr. Paulo Maiorka
(USP)**

October 16, 6pm-10pm

https://us02web.zoom.us/webinar/register/WN_2hAaVW6sTiaFHFgNmyC3w



**Architectural patterns and cytology
(Padrões arquiteturais e a citopatologia)**

**Dr. Breno Salgado
(UFES)**

November 27, 6pm-7:30pm

https://us02web.zoom.us/webinar/register/WN_10k4Td4rTPeneUhlZZNYFQ



**Cytohistic correlation: selected cases in dogs and cats
(Correlação citohistológica: casos selecionados em cães e gatos)**

**Dr. Fabrizio Grandi
Vet School SP**

November 27, 7:30pm-10pm

https://us02web.zoom.us/webinar/register/WN_uU-yLrWhQaiPJKDiVQYkpw

* All seminars are free and offered via the Davis Thompson Foundation Zoom account

** All times in Brasília time

- Seminar are given in Portuguese



Davis-Thompson Foundation Day Seminars

Pathogen discovery and establishing causality Tuesday, 22 September



Dr. Kevin Lahmers
Next generation sequencing in diagnostics
Virginia Maryland
College of Veterinary Medicine
7-9 am**



Dr. Brian Murphy
Pathology, virology and translational
aspects of companion animal
coronavirus infections, with special
emphasis on feline coronaviruses.
University of California -Davis
12:30-2:30 pm



Dr. Patty Pesavento
Virus discovery
University of California -Davis
9:30-11:30 am



Dr. Kathy Kurth
Real-time PCR panels "under the cap"
University of California -Davis
3-5 pm

Registration fee: \$50 8 RACE CE CREDITS!*

*-This seminar is preapproved by the ACVP Maintenance of Certification (MOC) Committee for 4 credits
-This program has been submitted (but is not yet approved) for 8 hours of continuing education credit in jurisdictions which recognize RACE approval.
** all times in PST

https://us02web.zoom.us/webinar/register/WN_5QtEqhxDTYavSWkyRRKqrg



Diagnostic Exercise From The Davis-Thompson Foundation



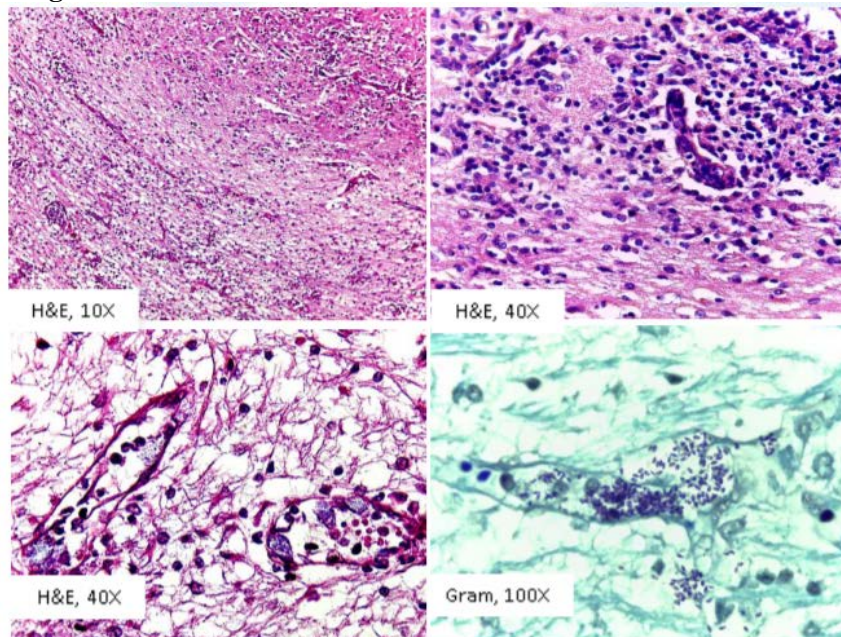
Case #147 Month: August Year: 2020

Contributors: Gabriela C. Postma, DVM, PhD; Leonardo Minatel, DVM, PhD. Universidad de Buenos Aires, Argentina.

Clinical History: A one-month-old female puppy was submitted for necropsy to the Pathology Veterinary Service of Buenos Aires University, Argentina. The clinical history was provided by the referring veterinarian. A pregnant stray bitch, with her litter of six puppies, was adopted from the street. One puppy died at the age of one month, presumably due to cranial trauma; it was not examined. Three other puppies became ill, showing neurologic signs. Clinical signs included reduced appetite, depression, constant crying, weight loss, weakness, convulsions and recumbency. Two of the sick puppies died spontaneously, one of which was submitted for necropsy.

Necropsy Findings: Grossly, the carcass was icteric with an orange liver and moderate splenomegaly. No other gross lesions were observed.

Microscopic Findings:



Follow Up Questions: Histological description; Morphologic diagnosis; Etiology.

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!

Diagnostic Exercises of the Latin Comparative Pathology Group/Davis-Thompson Foundation now accepted by ACVP as credits for Maintenance of Certification

Great news! The Latin Comparative Pathology Group (LCPG)/Davis-Thompson Foundation (DTF)'s Diagnostic Exercises (http://www.cldavis.org/diag_exercise.html) have been added to the list of activities that provide recently board-certified ACVP diplomates credit toward their maintenance of certification.

The Diagnostic exercises will now fall under the 'Published peer-reviewed case report' category and will provide 6 credits for first author and 3 credits for each co-author.


This is a recognition to the great job done by the LCPG and the DTF and all the contributors, who for the past 10+ years have been publishing diagnostic exercises.

Please consider submitting your diagnostic exercise to diagnostic_exercise_submission@list.cldavis.org

Best regards

Claudio Barros

Editor in Chief LCPG/DTF Diagnostic Exercises



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



Dr. Francisco Carvalho

Review of the free Friday webinar of July “Understanding Interstitial Pneumonia in Veterinary Pathology” by Dr. Francisco Carvalho, MV, DSc, DACVP, Associate Professor, Anatomic Pathology at Virginia-Maryland College of Veterinary Medicine (July 3rd)

By Rafaela De Negri, DVM, MSc, Veterinary Pathologist/Assistant Professor, Murray State University, Breathitt Veterinary Center

With the sponsorship of the Latin Comparative Pathology Group, Dr. Francisco Carvalho's lecture was indeed very Latin: expressive and even dramatic at times. But isn't interstitial pneumonia a dramatic topic in 2020?

He started his lecture by giving us an idea of his connection to the topic, stating the following regarding interstitial pneumonia (IP) “this lesion is beautiful”, “wow, what is the cause of this?”, and “this is the beauty of the difficulty of IP.”

Given the broad spectrum of etiologies of IP and the frustrations one may experience while trying to refine the diagnosis, he proceeded to teach us what he called tools for “handling disappointments” (watch out Brené Brown!).

He lead the audience through a detailed review of the alveolar structure, the characteristic changes of each phase of diffuse alveolar damage with a quick recipe for mixing up a hyaline membrane, the pathogenesis of injury and repair, and a slew of beautifully altered lungs, including one damaged by SARS-CoV-2. Dr. Carvalho achieves all that and goes a step further concluding his presentation with a summary of these marvelous tools.

If you missed Dr. Carvalho's live lecture, I recommend you check out all the action on the Foundation's YouTube channel.



30th

Southcentral division meeting Oct. 2-3, 2020. Galveston, TX

Dr. Dominique Wiener
Texas A&M University



virtual meeting



Classical Skin Diseases and Hair Follicle Tumors

We want to hear about your cases!

Attendees are invited to present a 10-15 minute report to the group of an interesting case!

Register at:

https://us02web.zoom.us/webinar/register/WN_a1ruoM-QOCxM04snkiMqQ



20th CL Davis/SW Thompson Diagnostic Pathology Symposium: Diagnostic Pathology of Wildlife Diseases

October 16, 2020, Friday,
9am- 6:30pm (Eastern)



Dr. Scott Fitzgerald
Michigan State University



Dr. Robert Ossiboff
University of Florida

Pathology of Wild Mammals
Pathology of Wild Birds
Pathology of Reptiles
Pathology of Amphibians

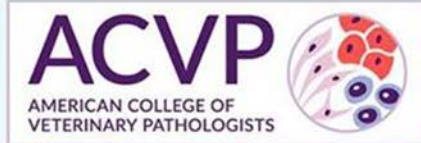
In conjunction with the 63rd Annual AAVLD annual meeting

For more information and registration:

<https://davisthompsonfoundation.regfox.com/2020aavld>

**NEW
DATE!**

October 27th 2020



2020 **Virtual** ACVP Pre-Conference Workshop

ORAL PATHOLOGY OF COMPANION ANIMALS

The **COMMON**
The **CLASSIC**
And the **CONFUSING**



Dr. Cindy Bell



Dr. Brian Murphy



Tuesday, October 27th 2020
Time: 8:00am - 5:00pm

Registration details forthcoming through ACVP website

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.

Davis-Thompson Foundation Pathology Externship

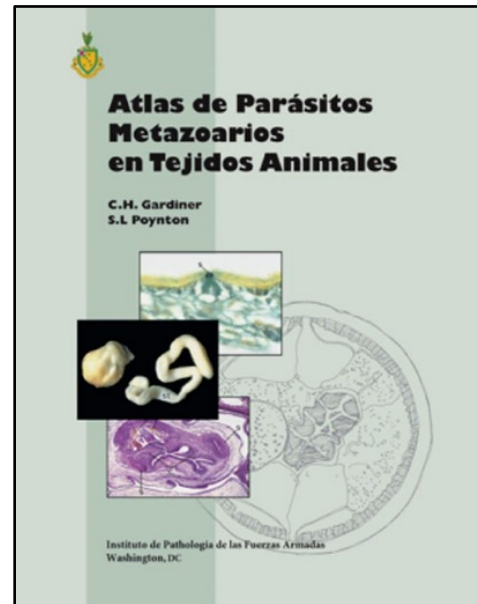
Since 1980, the Davis-Thompson Foundation lab sites have hosted more than 125 veterinary students at 8 participating diagnostic laboratories. These students usually have a strong interest in pathology itself or zoo or poultry medicine that require a strong pathology background. The Foundation is always 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](tel:501-912-1449).

Did you know?

The “An Atlas of Metazoan Parasites in Animal Tissues” by Gardiner and Poynton is available on line? ...and **in Spanish !!!**

Check it out here:

http://cldavis.org/PDFs/atlas_esp.pdf



News from the STP

Courtesy of the Student Interactions Subcommittee of the CDOC

Upcoming Modular and CE Courses:

- Sept 11: STP Virtual CE Course: Antibody Drug Conjugates as Cancer Therapies
- Oct 2 : STP Virtual CE Course: The Safeguarding of Your Vital Organ Systems Depends on Safety Pharmacology
- Oct 12: STP Modular Education Course: Toxicologic Pathology of the Endocrine System

2021 Award Applications Due Soon!

- Nov 1: Daniel Morton and Laura Dill Morton Scholarship:
https://toxpath.org/student_awardinfo.asp#morton
- Nov 1: IATP/STP Charles Capen Trainee Award:
https://toxpath.org/student_awardinfo.asp#iatp-capen

STIP Program Accepting Requests for 2020-2021 School Year

- Request a pathologist or toxicologist to speak virtually at your school here:
<https://www.toxpath.org/stip.asp>

Upcoming: Free Student/Trainee Mixer

- Contact STP for more info: stp@toxpath.org

Want even more information? Be sure check out the Student/Resident Corner ("The SRC"):

<https://toxpathnet.toxpath.org/home>

CALENDAR FOR UPCOMING EVENTS 2020

North America				
Country	Course	Date	Venue	Contact
USA	30 Annual Southcentral Division Meeting	October 2-3	VIRTUAL Details TBD	Jim Britt, Ed Dick jobritt@sbcglobal.net
	20 th Annual Diagnostic Pathology Seminar-AAVLD	October 16	VIRTUAL Details TBD	Matti Kiupel kiupel@msu.edu
	ACVP Pre-Conference workshop	October 27	VIRTUAL	Jennifer Chapman chapmanjl@verizon.net
	Free Friday Seminars	Weekly: through December	VIRTUAL	Bruce Williams bruce.h.williams.dvm@gmail.com Paco Uzal fauzal@ucdavis.edu
	Tuesday Day Seminars	Every second or fourth week: through December	VIRTUAL	Bruce Williams bruce.h.williams.dvm@gmail.com Paco Uzal fauzal@ucdavis.edu
Oceania				
Country	Course	Date	Venue	Contact
Australia	Saturday seminars	Monthly: August through November	VIRTUAL	Tony Ross tony.rossvetpath@hotmail.com Hanna Bender hanbender@gmail.com
Latin America				
Country	Course	Date	Venue	Contact
Argentina	14 th Argentinean Seminar	September 2	VIRTUAL	Alejandra Quiroga maquiuroga.unlp@gmail.com
Mexico	2 st Mexican Seminar	September 30-October 1	VIRTUAL	Laura Romero Romero lromeror@unam.mx
Brazil	Brazilian virtual seminars	August through November	VIRTUAL	Breno Salgado <breno.salgado@ufes.br>
Uruguay	6 th Uruguayan Seminar	August 31st	VIRTUAL	Jose Verdes jmverdes@fvet.edu.uy