



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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Foundation Spring Courses Hit Hard by COVID-19



In a situation that is not unique around the world, the Davis-Thompson Foundation has been sorely affected by the global pandemic caused by COVID-19. Beginning in mid-March, the Foundation has had to cancel all but one of our courses this spring, including our Gross Path Review Course, Spanish Swine and Ruminant Course, Northeast Veterinary Pathology Conference, Aquatic Animal Histopathology Workshop, the Eastern European Course, our Russian and China courses, and several of our day seminars. In effect, all but one course before June 1 has been cancelled. Two of our courses, including the Midwest Lab Animal Medicine and Pathology Course and the US Descriptive Veterinary Pathology Course are quickly retooling to be taught online this year.

Cancellation is probably the incorrect word to use, as the faculty and course directors of each of these courses have committed to holding these courses at the earliest appropriate time; however, many will be rescheduled for the same time period in 2021, as Fall 2020 is always populated with large meetings such as the ACVP, ECVP, AAVLD (all of which have Foundation workshops attached). We don't want to compete with our colleagues' meetings (and certainly not with our own!) We understand and share the frustration of our colleagues who had anticipated attending spring courses this year, but your safety and health is our primary concern.

One of the questions that has come up frequently is why more of these courses were not just immediately replaced with teleconferences. There are a number of reasons why, not the least of it is the very short amount of time to put a teleconference together. (Continued on page 2...)

Additionally, a number of our course faculties, enjoying the opportunity of welcoming visitors and highlighting their universities, wanted that opportunity in the future rather than simply lecturing on the internet. Also, we strongly believe that the personal interaction and networking opportunities at our courses around the world are a vital component, almost as important as the educational material that we provide.

However, going forward in this uncertain time, we will be working hard on teleconference options for courses in summer and beyond in 2020, if we cannot hold them in person. Starting in April, the Foundation is planning a number of free webinars on various topics in diagnostic pathology, which will start with our very own Foundation President, Dr. Francisco “Paco” Uzal giving an “Update on Enteric Clostridial Diseases.” These webinars will be held every other Friday, and we plan on continuing these offerings long after the coronavirus fades from the scene. While seating is limited for the actual webinars and the demand to the first one was overwhelming (125 seats filled in less than 15 minutes), we will also be recording the webinars and they will be available on our YouTube channel so that everyone who wishes to view it will be able to. We hope to expand seats to the upcoming courses in the very near future.



For those of you sheltering at home, please don't forget the other free offerings that the Foundation already has online. Our YouTube channel has hundreds of hours of free lectures available at: <https://www.youtube.com/channel/UCvGM1s5wysXq-HGLAyZzClQ>, and of course, the 60,000 images available free on Noah's Arkive (noahsarkive.cldavis.org). In fact, if you are sheltering in place, maybe you would like to upload some images to Noah's as well! We all love new images.!!!

Live tele-education is a new frontier for the Foundation, as it will be for every organization currently providing CE in veterinary pathology. We look forward to frequent offerings, but we ask our members and colleagues to be a bit patient, as we learn how to appropriately teach in this new paradigm. It is our promise that the Foundation will make you proud in this endeavor, and that we are now in it for the long run. In the future, Foundation offerings will be a mix of tele-education and our traditional person-to-person meetings.

....Foundation CEO, Bruce Williams

IMPORTANT. Updated 3/11/2020 Due to the recent developments related to the COVID-19, institutional traveling restrictions, etc., we have decided to **continue** with the seminar, but it will be delivered via teleconference (WebEx, GoToMeeting, Zoom or similar TBD).

No lectures, or other activities related to the 6th Lab Animal Seminar will take place at UW Vet School. All the lectures and exam will be delivered electronically.

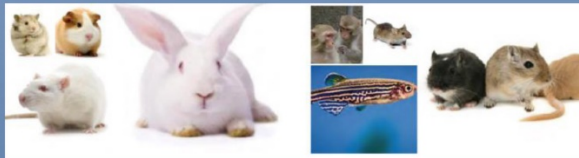


VI WNPRC Lab Animal Medicine and Pathology Seminar with International Mock-ACLAM Exam*

Tuition to the program is free * to attendees, thanks to our sponsors Wisconsin National Primate Research Center, School of Veterinary Medicine UW Madison, C.L. Davis DVM Foundation, Latin Comparative Pathology Group, and the Wisconsin National Primate Research Center

May 2-3, 2020

Location: School of Veterinary Medicine, University of Wisconsin,
2015 Linden Dr. Madison, WI 53706



Registration: Online link for registration, CE, and teleconferences will be sent, please enroll on our mailing list amejia@primate.wisc.edu Subject: enroll/Lab Animal Medicine and Pathology Seminar

Lecture topics include: Keynote Speakers: **Drs. Bettina Gentry and Craig Franklin**

- Mice, zebrafish, rabbits, non-human primates, other primary and secondary species
- Descriptive Veterinary Pathology
- Anesthesia and AVMA Panel on Euthanasia
- Regulations and welfare
- Exam preparatory discussion by new ACLAM and ACVP Diplomates
- International Mock Exam Coalition Examination (for ACLAM and ECLAM exam preparation)

Program Directors: Andres Mejia DVM, MS, DACLAM, DACVP amejia@primate.wisc.edu
Rebekah Franklin, DVM, DACLAM franklin@rarc.wisc.edu

*Continuing Education hours provided by the UW School of Veterinary Medicine (UW-SVM). A fee of \$22.50 will be assessed to individuals that request CE certification. The UW-SVM is an accredited continuing veterinary medical education provider; however, participants should be aware that some boards have limitations on the number of hours accepted in certain categories and/or restrictions on certain methods of delivery. It is recommended that you check with your state veterinary licensing organization to find out what the requirements are to maintain your license..

2020 U.S. Descriptive Veterinary Pathology Course



**June 1-5
VIRTUAL COURSE**



Dr. Jey Koehler
Auburn University



Dr. Patricia Pesavento
University of California Davis



Dr. Linden Craig
University of Tennessee

Lectures, active learning exercises, & mock exams on:

- Gross Pathology
- Microscopic Pathology
- Gross-Micro Correlations
- Ultrastructural Pathology
- Immunohistochemistry

**20
RACE CE
credits!**

Registration is now closed, as all seats are filled

SAVE THE DATE



Workshop on Pathology and Basic Mechanisms of Disease



Dr. Corrie Brown
University of Georgia

University of Zambia, School of Veterinary Medicine,
Pathology Laboratory
21-23rd July 2020

For more information:
Dr. John Yabe
+260-973-258703
john.yabe@unza.zm

SAVE THE DATE



POLA
Pathology of Laboratory Animals

2020



August 3-7
Hill Pavillion of U Penn Vet School



For more information and registration:
<https://davisthompsonfoundation.regfox.com/2020POLA>

The graphic features a collage of histological images in hexagonal frames. On the left is the Davis-Thompson DVM Foundation logo, which includes a shield with a green leaf and a red caduceus, surrounded by a gold border and a banner at the top that reads 'on DVM Foundation'. Below the logo, the text 'The DAVIS-THOMPSON DVM FOUNDATION proudly presents:' is displayed. To the right of this text is a small icon set with three items: a book labeled 'Over 250 pages', a calendar labeled 'Coming July 2019', and a wallet labeled '\$40 Plus S/H'. Below these icons, the text 'ALL COLOR PHOTOS!' is written in large, bold, black letters. The central focus is the book cover for 'Surgical Pathology of Tumors of Domestic Animals, Edited by M. Kiupel'. The cover is dark green with the foundation's logo and a banner that reads 'Davis-Thompson DVM Foundation' and 'Advancement of Veterinary Pathology'. The title 'Surgical Pathology of Tumors of Domestic Animals' and the editor's name 'Edited by M. Kiupel' are at the top. The volume title 'Volume 2: Mammary Tumors' and the authors 'V. Zappulli, L. Peña, R. Rasotto, M. H. Goldschmidt, A. Gama, J. L. Scruggs, M. Kiupel' are at the bottom. The background of the entire graphic is a large, detailed histological image of mammary tissue.

on DVM Foundation

The
**DAVIS-THOMPSON
DVM FOUNDATION**
proudly presents:

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

ALL COLOR PHOTOS!

**Surgical Pathology of Tumors
of Domestic Animals**
Edited by M. Kiupel

Volume 2: Mammary Tumors
V. Zappulli, L. Peña, R. Rasotto,
M. H. Goldschmidt, A. Gama,
J. L. Scruggs, M. Kiupel

Volume 2: Mammary tumors



Diagnostic Exercise From The Davis-Thompson Foundation*



Case #134 Month: December Year: 2019

Contributors: Andrew Oates, Veterinary student, Pathology Club President, Class of 2020, UC Davis, Davis, CA. Rebekah Keesler, DVM, Dipl ACVP (formerly Senior Veterinary Pathologist at CNPRC, UC Davis, Davis, CA; currently at Charles River Laboratories).

Clinical History: This is tissue from a 17-year-old, female intact Rhesus macaque (*Macaca mulatta*) that presented slightly dehydrated with mild diarrhea. On physical examination, she was noted to be menses normally, had mild decreased range of motion in the hip joints, and a tense, painful abdomen. Blood work was unremarkable, but ultrasound revealed small amount of free abdominal fluid and a mass in the caudal abdomen. Due to poor prognosis, and inability to completely control the abdominal pain, euthanasia was elected.

Necropsy Findings: On gross necropsy, external examination revealed mild mucous membrane pallor. The abdominal cavity contained 20 mL of unclotted blood (hemoabdomen), and on all peritoneal and serosal surfaces were hundreds of pinpoint to 3 mm, red to brown, fluid-filled cysts. The distal mesocolon had a cluster of these cysts with contracture and flexure of the adjacent colon, causing mild dilation of the colon proximal to this area. The omentum had a 2x2x4 cm white to red mass at the free margin near the uterus.



Follow-up Questions: Morphologic diagnosis and key histologic features?

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!



5th Uruguayan Seminar of the CL Davis – SW Thompson Foundation

December 2 – 3, 2019
Montevideo – Uruguay

The 5th Uruguayan Seminar of the CL Davis – SW Thompson Foundation was held at the Veterinary School of Universidad de la Republica (FVET), Montevideo, Uruguay, the 2nd and 3th of December, 2019. The meeting was organized by faculty of the Department of Pathology, FVET, with the sponsorship of the National Veterinary Academy, the National Veterinary Laboratories “Miguel C. Rubino”, the National Institute of Agricultural Research and the Latin Comparative Pathology Group. The Organizing Committee was led by Prof Dr José Manuel Verdes, and included colleagues of FVET. The seminar was attended by an enthusiastic group of participants, including pathologists, scientists, lecturers, undergraduate and postgraduate students and private practitioners from several Uruguayan institutions.

Francisco A. Uzal, UC Davis School of Veterinary Medicine and Josué Díaz Delgado, Texas A&M Veterinary Medical Diagnostic Laboratory, were the keynote speakers, and lectured on Alimentary (Uzal) and Wildlife (Díaz Delgado) diseases.

Drs Gimena Feijóo, Kanji Yamasaki and José Manuel Verdes (FVET), lectured on Canine distemper, and Dr Luis Alborno (FVET), discussed the most prevalent Alimentary diseases of ruminants in Uruguay. Finally, Drs Cecilia Abreu, Enrique Nogueira and Alejandro Crampet (FVET) presented lectures on Pregnancy toxemia (Abreu), ‘Mal del Rio’ in honey bees (Nogueira), and Soft tissue tumors of poisonous snakes (Crampet).


This 5th Uruguayan Seminar of the CL Davis – SW Thompson Foundation received financial support from FVET, Comisión Sectorial de Investigación Científica of Udelar (CSIC-Udelar) and several private sponsors.



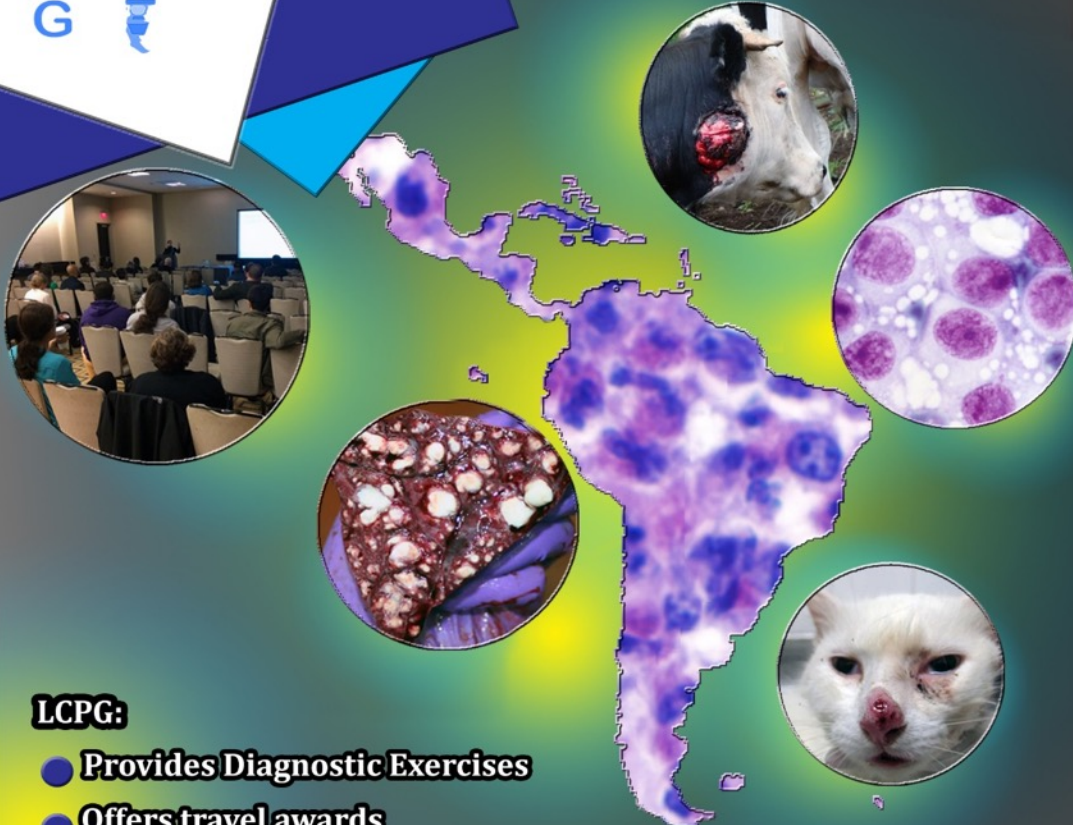
Participants and speakers of the 5th Uruguayan Seminar of the CL Davis – SW Thompson Foundation



Paco Uzal demonstrating colonic displacements with a participant as an “equine model” (left). Josue Diaz-Delgado during one of his lectures (center). Kanji Yamasaki explaining an interesting case during the wildlife cases seminar (right).



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

SAVE THE DATE



ACVP
AMERICAN COLLEGE OF
VETERINARY PATHOLOGISTS



2020 ACVP Pre-Conference Workshop

ORAL PATHOLOGY OF COMPANION ANIMALS

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



Dr. Cindy Bell



Dr. Brian Murphy

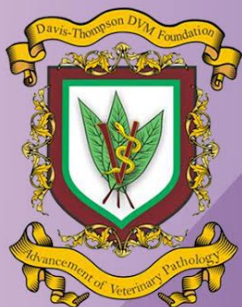


Date: Saturday, October 31 2020

Time: 8:00am - 5:00pm

Venue: Chicago Marriott Downtown
Magnificent Mile, Chicago, Illinois

Registration details forthcoming through ACVP website



30th

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

Classical Skin Diseases and Hair Follicle Tumors



**Dr. Dominique Wiener
Texas A&M University**

We want to hear about your cases!

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

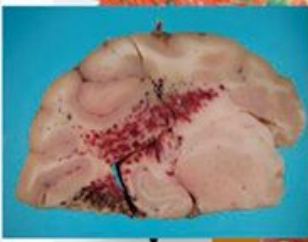
For more information:

<https://davisthompsonfoundation.regfox.org/2020galveston>



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

October 16, 2020, Friday,
8am- 5:45pm
Gaylord Opryland Resort,
Nashville, TN



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>

Retiring?

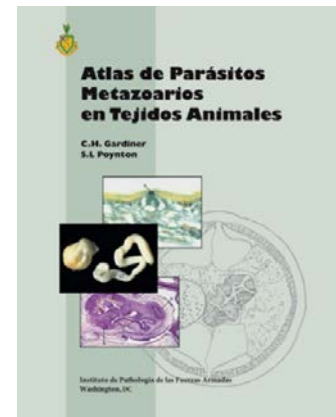
Have slides left over from your recent slide seminar? Just looking to free up some storage space? **The Foundation is looking for additional glass slides, kodachromes, and other similar materials** for its Correspondence Division and Study Centers. All materials should be well-identified with as much accompanying 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.

Did you know?

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

Check it out here:

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





August 2020; 8-1/2 x 11; 1456pp
2590 illustrations

Hb: 978-1-498-77417-8 | \$380.00
cBook: 978 1 498 77418 5

TABLE OF CONTENTS:

Infectious Diseases and Pathology of Reptiles Color Atlas and Text, Diseases and Pathology of Reptiles Volume 1.

Overview of biology, anatomy, and histology of reptiles. Immunology of Reptiles. Hematology of reptiles with focus on circulating inflammatory cells. Reptile necropsy techniques. Host Response to Infectious Agents and Identification of Pathogens in Tissue Section. Introduction to Basic Cytodiagnosis. Identifying Reptile Pathogens Using. Electron Microscopy. Molecular Diagnostics. Serodiagnostics. Viruses and Viral Diseases of Reptiles. Bacterial Diseases of Reptiles. Mycotic Diseases of Reptiles. Parasites and Parasitic Diseases of Reptiles. Isolation of Pathogens.

Noninfectious Diseases and Pathology of Reptiles Color Atlas and Text, Diseases and Pathology of Reptiles, Volume 2.

Reptile Neoplasia. Nutritional And Metabolic Diseases. Depositional Diseases. Normal And Abnormal Reptile Development. Degenerative Diseases. Trauma And Physical Diseases. Environmental And Miscellaneous Toxicoses In Reptiles. Physiology And Diseases Of The Reproductive System. Reptile Cardiovascular System. Bone Alteration By Disease: Its Appearance, Phylogeny And Penetrance Through Geologic.

20% discount with code SCI20

Diseases and Pathology of Reptiles

Color Atlas and Text, Two Volume Set

Edited by **Elliott Jacobson**, University of Florida, Gainesville, USA and **Michael Garner**, Northwest ZooPath, Monroe, Washington, USA

This two-volume set is comprised of a second edition of *Infectious Diseases and Pathology of Reptiles* alongside a new book covering noninfectious diseases of reptiles. Together, these meet the need for an entirely comprehensive, authoritative single-source reference. The volumes feature color photos of normal anatomy and histology, as well as gross, light, and electron microscopic images of infectious and noninfectious diseases of reptiles. This two-volume set includes definitive information on every aspect of the anatomy, pathophysiology, and differential diagnosis of infectious and noninfectious diseases affecting reptiles.

20% discount available - enter the code SCI20 at checkout*

Hb: 978-1-498-77417-8 | \$304.00

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For more information visit:
www.crcpress.com/9781498774178

Davis-Thompson Foundation Pathology Externship

A report on the short term externship at the Texas A&M University Veterinary Anatomic Pathology Laboratory

by Isabella Bordin Pérez (3rd year student, College of Veterinary Medicine at National University of Asunción – Paraguay)

“I visited the veterinary anatomic pathology laboratory at Texas A&M University in the period of 10 February – 28 February, 2020. The visit was to do work at the necropsy area of the laboratory. During my visit I was under the tutoring of Dr. Brian F Porter, with whom I also worked on histology slides and histopathology samples.

During this three-week period I was able to improve my necropsy skills, and even when I was unsure of what I was doing, the pathologists, residents, necropsy technicians or even the students at the lab were kind and patient enough to show me how to do better. While working in the necropsy lab I was able to work on some particular cases, some that I had never seen before and even some I have never heard of before. This truly was a once in a lifetime experience for me.

Thanks to Dr Porter and Dr Amanda Anderson I was able to learn how to interpret histology slides and to differentiate the normal from the abnormal, their patience and willingness to teach to further improve their students' abilities will never cease to amaze me.

Through the funds provided to me by the CL Davis – SW Thompson Foundation I was able to cover my lodging and food expenses. Dr Jim Britt helped me through the whole way of getting the funds, I will forever be thankful to him and the foundation.”



Isabella at Texas A&M University Veterinary Anatomic Pathology Laboratory

Are You Interested in the Pathology Externship Program?

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).

SAVE THE DATE**2020****Davis-Thompson Foundation
Descriptive Veterinary Pathology Course****November 30 to December 4**Facultad de Ciencias Veterinaria, Universidad de Buenos Aires,
Argentina**Dr. Jey Koehler**
Auburn University**Dr. Patricia Pesavento**
UC Davis**Dr. Ana Alcaraz**
Western University

- **Gross descriptive techniques**
- **Microscopic descriptive techniques**
- **Ultrastructural descriptive techniques**
- **IHC/ISH/molecular interpretation**
- **Gross-histo correlation**
- **Mock exams**
- **And much more!**



For more information:
Dr. Leonardo Minatel
lminatel@fvvet.uba.ar

SAVE THE DATE

2020

**Davis-Thompson Foundation
Descriptive Veterinary Pathology Course**
December 7 to December 11
UFMG - Belo Horizonte, Minas Gerais, Brazil


Dr. Jey Koehler
Auburn University

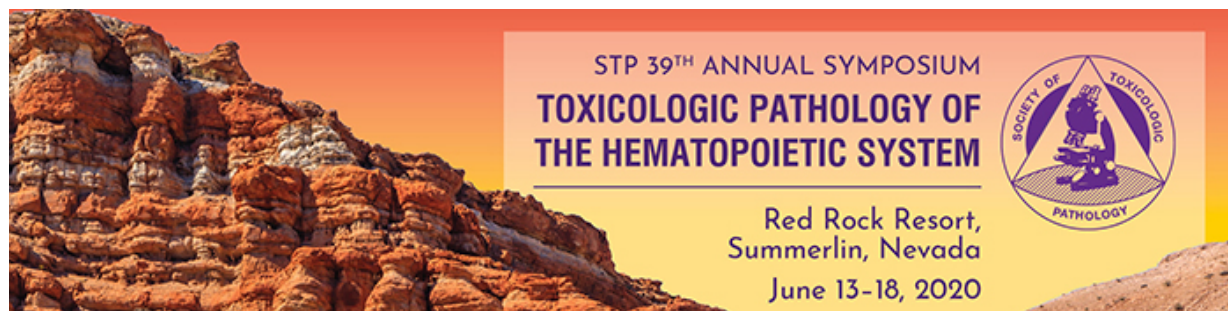

Dr. Patricia Pesavento
UC Davis


Dr. Ana Alcaraz
Western University

- Gross descriptive techniques
- Microscopic descriptive techniques
- Ultrastructural descriptive techniques
- IHC/ISH/molecular interpretation
- Gross-histo correlation
- Mock exams
- And much more!



For more information:
Dr. Renato de Lima Santos
rsantos@vet.ufmg.br



Call for Abstracts

Visit the annual symposium website (<https://www.toxpath.org/AM2020/>) to review the preliminary *program*, complete your registration and hotel reservations early, submit your abstract, and apply for awards.

[Call for Abstracts](#) - **Extended Abstract Submission Deadline: April 15 by 5:00pm EST**



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!!!



CALENDAR FOR UPCOMING EVENTS 2020

North America				
Country	Course	Date	Venue	Contact
USA	VI WNPRC Lab Animal Medicine and Pathology Seminar	May 2-3	TELECONFERENCE	Andres Mejia amejia@primate.wisc.edu
	Descriptive Veterinary Pathology Course	June 1-5	Auburn University College of Veterinary Medicine, AL	Jey Koehler jaw0007@auburn.edu
	POLA 2020	August 3-7	U Penn Vet School, PA	Robert Kim robkkim@gmail.com
	30 Annual Southcentral Division Meeting	October 2-3	Galveston, TX	Jim Britt, Ed Dick jobritt@sbcglobal.net
	20 th Annual Diagnostic Pathology Seminar-AAVLD	October 16	Nashville, TN	Matti Kiupel kiupel@msu.edu
	ACVP Pre-Conference workshop	October 31	Chicago, IL	Jennifer Chapman chapmanjl@verizon.net
Oceania				
Country	Course	Date	Venue	Contact
Australia	AAPSP Roadshow	August 24-September 4	Brisbane, Sydney, Adelaide, Melbourne, Perth	Hanna Bender hanbender@gmail.com
	Davis Thompson/ACVP/ASVP seminar on clinical pathology	September 28-29	University of Melbourne	Panos Loukopoulos panos.loukopoulos@unimelb.edu.au
	Aust Soc Vet Pathol and Davis Thompson Seminar on Dermatopathology	October 20	Sydney International Convention Centre	Sue Stanley admin@asvp.asn.au
Latin America				
Country	Course	Date	Venue	Contact
Argentina	XIII Argentinean Seminar and XII RAPAVE	September 2-4	Balcarce	Eleonora Morrell morrell.eleonora@inta.gob.ar
	Descriptive Veterinary Pathology	November 30-December 4	University of Buenos Aires	Leonardo Minatel lminatel@fvvet.uba.ar Jey Koehler jaw0007@auburn.edu
Brazil	Descriptive Veterinary Pathology	December 7-11	Belo Horizonte	Renato de Lima Santos rsantosufmg@gmail.com Jey Koehler jaw0007@auburn.edu
Chile	Small Ruminant Symposium and 6 th Histopathology Meeting.	August 14-15	Universidad Pedro de Valdivia, Santiago de Chile	Carlos Flores flores.carlos.vet@gmail.com
Ecuador	Ecuadorian Seminar of Veterinary Surgical Diagnostic Veterinary Pathology in Small Animals	September 24-25	Provincia Salinas o Manta (TBD)	Lorena Oña Coloma biocitecuador@gmail.com
Guatemala	GHPN Basic Mechanisms of Disease and Necropsy	Sept 21-23	Faculty of Veterinary Medicine	Deborah Rodriguez debordris@gmail.com
Mexico	2 st Mexican Seminar	September 23-25	Universidad Nacional Autonoma de Mexico, Mexico City	Laura Romero Romero lromeror@unam.mx
Peru	5 th Peruvian Seminar	TBD	TBD	Rosa Perales rperalesc@unmsm.edu.pe
Uruguay	6 th Uruguayan Seminar	August 31 - September 1	Facultad de Ciencias Veterinarias, Universidad de la Republica, Montevideo	José Manuel Verdes jmverdes@fvvet.edu.uy
Africa				
Country	Course	Date	Venue	Contact
Zambia	GHPN Workshop on Pathology and Basic Mechanisms of Disease	July 21-23	University of Zambia	John Yabe mjyabe@yahoo.co.uk