

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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ACVP Workshop Is a Huge Success in San Antonio!



The Davis-Thompson Foundation kicked off several days of fantastic education and awards with its annual Diagnostic Pathology workshop - this year we finally landed a prize we had sought for several years – Michael Goldschmidt! It's not the first time that Mike has lectured for the Foundation, but as an author on the first two fascicles in the series on Surgical Pathology of Domestic Species, specifically on Skin Tumors and Mammary tumors, it couldn't have been more timely. And to add to the wealth of riches, his coauthors on the Mammary fascicle, Drs. Laura Pena and Valentina Pena were there to cover much of the material on mammary tumors as well.

Over 140 pathologists attended the workshop meticulously planned by course director Dr. Jennifer Chapman (who does a phenomenal job every year on this workshop). The morning saw Dr. Goldschmidt review the epithelial tumors of the skin (to include melanomas), and to introduce the mammary section by reviewing mammary gland anatomy. After a brief lunch period, Dr. Zappulli reviewed the criteria for the differentiation and diagnosis of mammary gland tumors of dogs and cats (it's all in that fascicle, folks – available through the Foundation's bookstore), Dr. Pena tackled the criteria of malignancy and how to apply them.

continued on Page 2...



2019 ACVP Worshop Lecturers Drs. Michael Goldschmidt, Laura Pena and Valentina Pena

Following a very spirited question and answer session at the afternoon break, Dr. Goldschmidt covered the largely overlooked neoplasms of the nipple, and the three experts ended the day with case reviews to illustrate many of the important points that came up during the day.

Before the workshop, Foundation CEO Bruce Williams sold off 60 copies of the two fascicles (at a 25% discount) in a flurry of cash and credit transactions (henceforward to be referred to as the "Great Book Riot of 2019"), but ultimately offered the same discount to any other participant in the course through the Foundation office, so while some attendees went home empty handed (why haven't you already bought them?!!), no one went home unhappy.

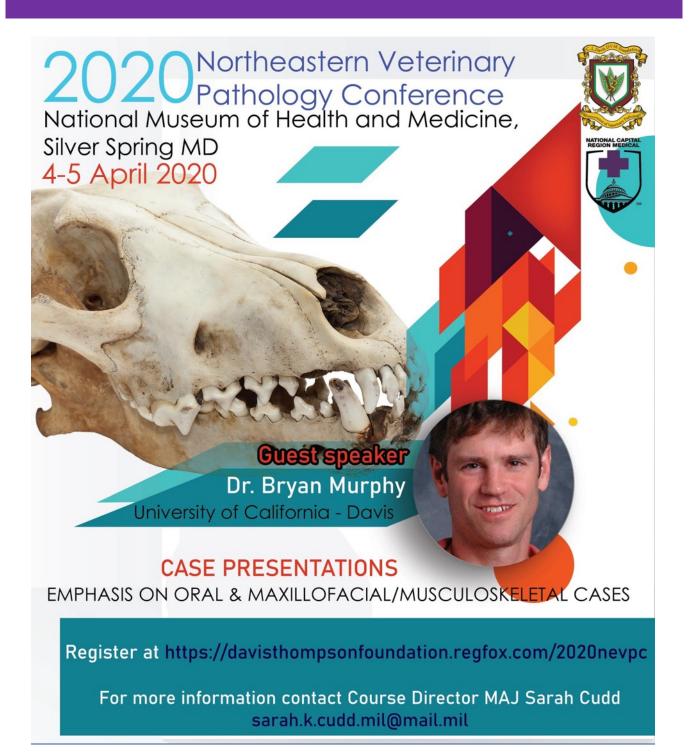
After the grueling day, we don't know where all of the participants went, but the faculty, their spouses, and Drs. Chapman and Williams had a lovely dinner at the nearby and history Menger Hotel, where the subject of mammary tumors didn't come up even once.



Make your plans to attend next year's workshop at ACVP 2020 in Chicago, where the workshop will be Oral and Maxillofacial neoplasms with presenters Dr. Cindy Bell and Dr. Brian Murphy!









April 17-18-19, 2020



PROGRAM

FRIDAY 17, SMALL ANIMALS:

08:30 - 09:00:	Registration.
09:00 - 11:00:	Gross diagnosis in veterinary
	pathology. Francisco Uzal.
11:00 - 11:15:	Coffee break.
11:15 - 12:15:	Pathology of liver, pancreas
	and peritoneum.
	Leonardo Minatel.
12:15 - 13:45:	Lunch.
13:45 - 15:15:	Alimentary pathology.
	Leonardo Minatel.
15:15 - 15:45:	Coffee break.

15:45 - 17:15:	Respiratory diseases. Leonardo Minatel.				
SATURDAY 18, CATTLE:					

08:30 - 08:30:	Registration.
08:30 - 10:00:	Necropsy techniques and
	sampling in large animals.
	Leonardo Minatel.
10:00 - 10:30:	Coffee break.
10:30 - 12:00:	Clostridial diseases.
	Francisco Uzal.
12:00 - 13:30:	Lunch.
10.00 15.00.	Allen anteres nothele as

13:30 - 15:00: Alimentary pathology. Francisco Uzal.

15:00 - 15:30: Coffee break. 15:30 - 16:30: Respiratory diseases. Francisco Uzal. 16:30 - 17:30: Bovine abortion. Francisco Uzal.

SUNDAY 19

08:30 - 09:00: Registration.

09:00 - 12:00: Practical seminar on interpretation of macroscopic lesions. Francisco Uzal, Leonardo Minatel, Roberto Olivares.

Location:

-

Auditorio, Escuela de Cirugía y Medicina Veterinaria San Francisco de Asís, Universidad Veritas. San Rafael, Vázquez de Coronado, San José, Costa Rica.



Francisco Uzal, DVM, MSc, PhD, DACVP, University of California-Davis, USA.

Argentina.

Leonardo Minatel, DVM, PhD, University of Buenos Aires,

Information and registration:

Dr. Roberto W. I. Olivares, Dr. Fernando Robles Herrera, Dra. Paula Peña Álvarez Escuela de Cirugía y Medicina Veterinaria San Francisco de Asís, Universidad Veritas. San Rafael, Vázquez de Coronado, San José, Costa Rica.

E-Mail: lapavet@veterinariaveritas.ac.cr Phone: +506 2292-6811 (ext 7) Phone (Whatsapp only): +506 8723-7673

Registration:

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- April 17 and 18: \$25 veterinary medicine students
- (lunch and coffee included) Limited access.
- \$35 General (lunch and coffee included) Limited access.
- April 19:
- \$10 General (limited access) Limited access.

Account for registration:

MAQUEPE VETERINARIA S.A 3-101-684987 BANCO NACIONAL DE COSTA RICA DOLLARS Current account 100-02-204-000182-5

Client account 151204-100-20001821

IBAN account CR66015120410020001821



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 UW RARC.

May 2-3, 2020

Location: School of Veterinary Medicine Lecture Hall 2350, University of Wisconsin, 2015 Linden Dr. Madison, WI 53706





***Registration: May 2nd (on-site, first day of the seminar) at UW Vet School 8:00-8:30 am, Lecture Hall 2350. To enroll in our seminar mailing list email Dr. Mejia <u>ameiia@primate.wisc.edu</u>

***Times to access the building will be limited from 7:50-8:00am and 12:45-1:00pm with a valid Seminar ID.

• Program TBA.

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

- Mice, zebrafish, rabbits, non-human primates, other primary and secondary species
- 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 <u>amejia@primate.wisc.edu</u> Rebekah Franklin, DVM, DACLAM <u>franklin@rarc.wisc.edu</u>

*Continuing Education hours provided by the UW School of Veternary Medicine (UW-SVM). A fee of \$22.50 will be assessed to individuals that request CE certification. The UW-SVM is an accredited continuing veternary 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.





GROSS PATHOLOGY 2020 REVIEW COURSE

Tuesday May 5th - Saturday May 9th 2020 The Ohio State University College of Veterinary Medicine Columbus, OH

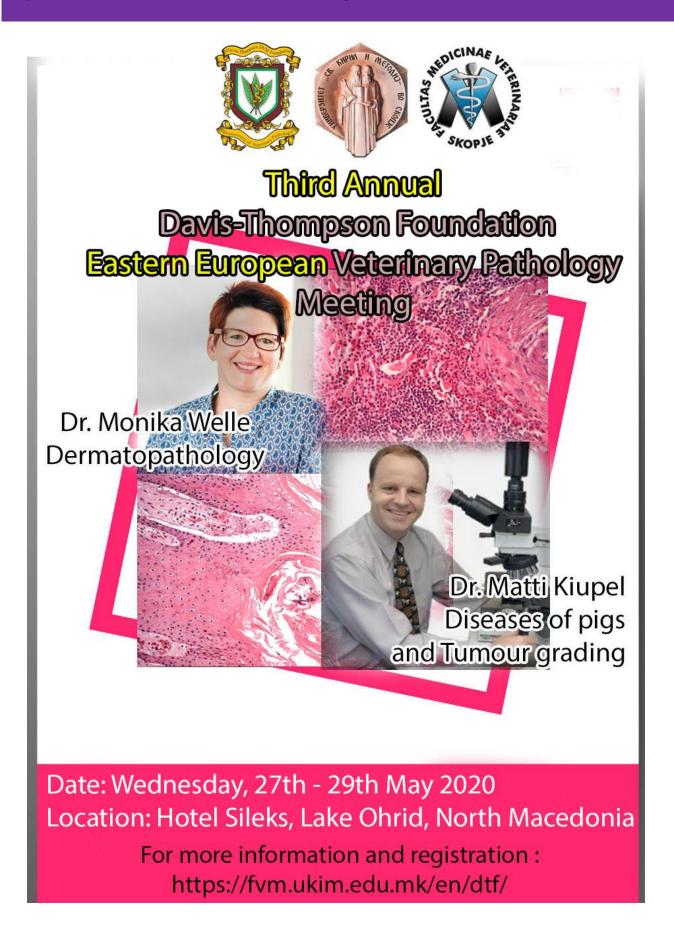
LECTURES ON MACROSCOPIC PATHOLOGY OF:

Swine Birds including poultry Reptiles & Amphibians Zoo & Exotio Animals Dogs & Cats Fish Non-human Primates Laboratory Animals Ruminants Wildlife Horses

Cognitive errors in pattern recognition

Mock exam

For more information: Dr. Krista La Perle Laperle 1@osu.cdu https://davisthompsonfoundation.regfox.com/2020gross







Dr. Jey Koehler Dr. Patricia Pesavento Dr. Linden Craig Auburn University University of California Davis University of Tennessee

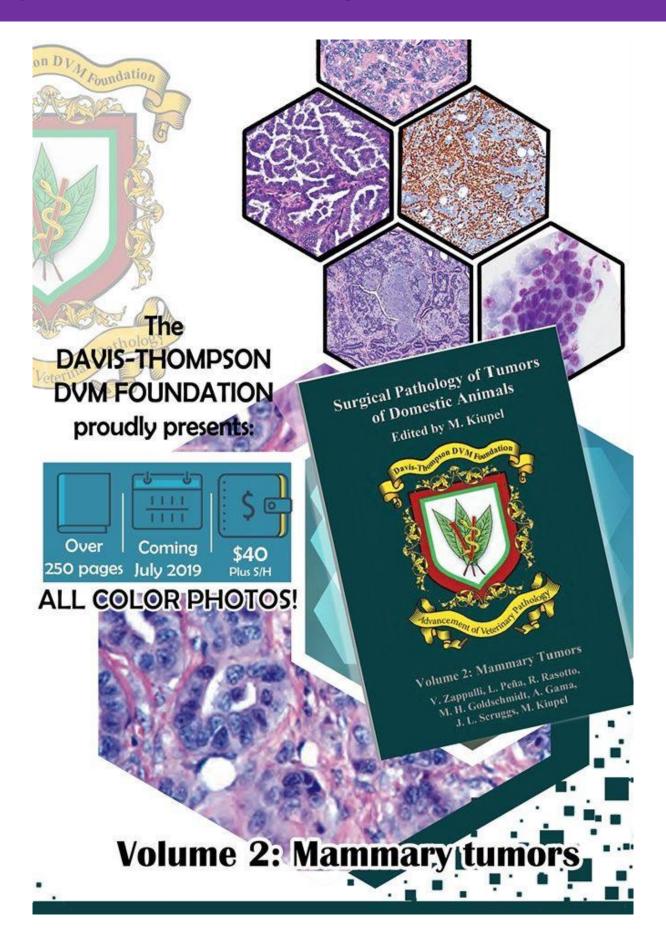
Lectures, active learning exercises, & mock exams on:

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

20 RACE CE credits!

Register at:

hilps://dovisihompsonloundation.regiox.com/2020clescripfivepath





Diagnostic Exercise From The Davis-Thompson Foundation*

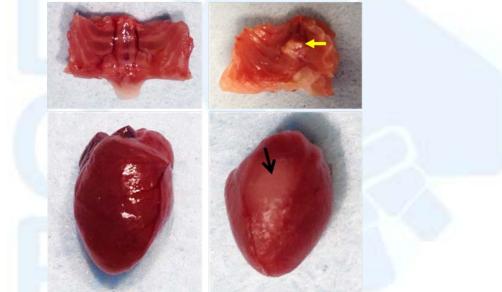


Case #118 Month: March Year: 2019

Contributors: Hibret A. Adissu, National Cancer Institute, National Institute of Health, Bethesda, MD, USA.

Clinical History: Sixteen-week-old C57BL6 mouse from the International Mouse Phenotyping Consortium (IMPC) generated and phenotyped at The Centre for Phenogenomics (Toronto, Canada). A protruded xyphoid was reported in this colony affecting both transgenic and WT mice; males were affected >2X females.

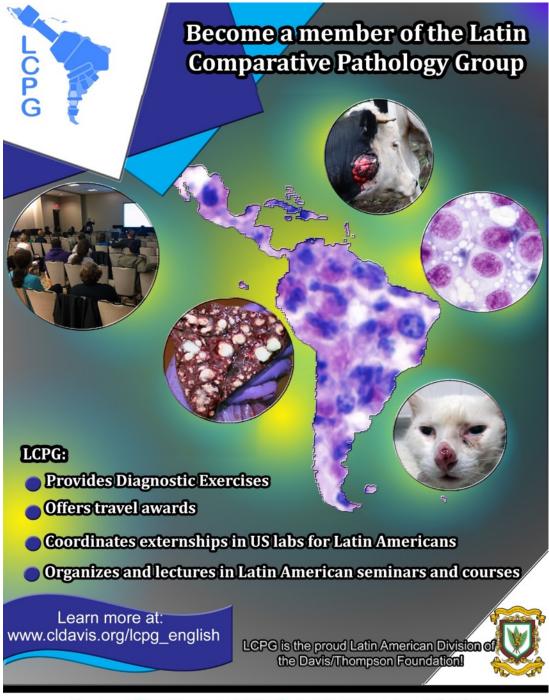
Necropsy Findings: Necropsy findings from one of the mice with protruded xyphoid revealed a fibrous adhesion between the sternum and the pericardium. Attached to the center of the inner surface of the sternum (thoracic surface) is a 3x3x2 mm firm/hard nodular mass (top right image below). The right ventricular epicardial surface overlying this nodular mass had a ~ 3x3 mm area of pallor (bottom right image below).



Follow-up questions: Morphologic diagnoses, potential relationship between the sternal and cardiac lesions, potential etiology/cause, comparative pathology 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!



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



For more information and registration:

https://www.eventbrite.com/e/annual-davis-thompson-foundation-european-symposium-mouse-pathology-tickets-86715164391





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









Dr. Scott Fitzgerald Michigan State University 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

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 - <u>http://www.bstp.org.uk/events</u> or contact the BSTP Secretariat - <u>bstpoffice@aol.com</u>

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 <u>bruce.h.williams.dvm@gmail.com</u>.

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.

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Sarah Corner Awarded the MSU 2020 Special Recognition Award for Promoting International Understanding



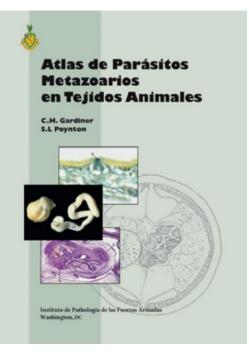
Sarah Corner, DVM, PhD, DACVP, academic specialist at Michigan State University Veterinary Diagnostic Laboratory, was awarded the 2020 Special Recognition Award for Promoting International Understanding by Michigan State University International Studies and Programs. Sarah was awarded for her work with the Global Health Pathology Network and veterinary pathology capacity building efforts in Uganda and Rwanda.

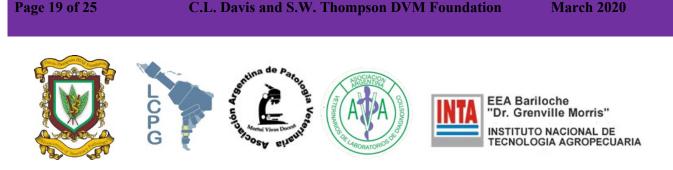
Sarah Corner with veterinary colleagues in Uganda at the Field Diagnostics and Pathology Training workshop

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: <u>http://cldavis.org/PDFs/atlas_esp.pdf</u>





XIII Seminar of the Argentinean Division of the CL Davis/SW Thompson Foundation and X Forum on Teaching Veterinary Pathology

The XIII Seminar of the Argentinean Division of the CL Davis/SW Thompson Foundation was held on Thursday 14 and Friday 15 of November in San Carlos de Bariloche, Patagonia, Argentina, in the foothills of the majestic Andes Mountains and on the shore of the magnificent Nahuel Huapi Lake. The seminar was followed on Saturday 16 by the Forum on Teaching Veterinary Pathology. The Organizing Committee included Drs Agustin Martínez and Carlos Robles, from the National Institute for Agricultural Technology (INTA), who had the great help from an enthusiastic group of people: Patricia López, Marta Chodilef, Raul Cabrera, Marcela Larroza, Carmelina Silva, Paula Soler, Romanela Marcellino and Alejandra Abdala.

The Seminar and the Forum were very well attended by 99 veterinarians from all corners of Argentina and Chile, including pathologists, lecturers, private practitioners, researchers, extension officers and students. Dr Claudio Barros,

from Universidad de Santa Maria, Brazil, lectured on the main neurologic diseases of cattle diagnosed in Brazil from the 1960s to the present day and on the main toxic plants in Southern Brazil, a topic on which he is a world leader.

Dr Cristina Acín, from Universidad de Zaragoza, Spain, presented a very detailed lecture on how to approach the diagnosis of neurologic diseases in small ruminants, including a description of the main neurologic diseases of small ruminants in Spain. Dr Francisco Uzal, University of California-Davis and President of the Davis/Thompson Foundation, gave a thorough presentation on clostridial



Drs Claudio Barros, Francisco Uzal and Cristina Acín along with Carlos Robles (left) and Agustín Martinez (right).

diseases of ruminants. Each of the three invited speakers also presented an example of the diagnostic work up followed in their laboratories to reach a diagnosis. This was followed by mock gross exams which were discussed with the participants. Finally there were 10 presentations selected from abstracts submitted by the audience. Dr Mauricio Navarro, UCDavis, received an award for the best presentation (Bacillary hemoglobinuria in cattle); runner ups were Dr Alex Correa, private practitioner (Malignant Catarrhal Fever in cattle) and Dr Leandro Di Paolo, La Plata University (Nutritional myopathy in sheep).



Participants of the "XIII Seminar of the Argentinian Division of the Davis/ Thompson Foundation" with the background of the Andes and Nahuel Huapi lake.

The last day of the meeting was the Forum, which included presentations by Drs Juan Micheloud (INTA Salta, Argentina), Germán Cantón (INTA Balcarce, Argentina) and Carlos Robles (INTA Bariloche, Argentina).



Escola de Veterinária 2020 **Davis-Thompson Foundation Descriptive Veterinary Pathology Course December 7 to December 11** UFMG - Belo Horizonte, Minas Gerais, Brazil **Dr. Jey Koehler** Auburn University Gross descriptive techniques Microscopic descriptive techniques Ultrastructural descriptive techniques IHC/ISH/molecular interpretation Dr. Patricia Pesavento Gross-histo correlation **UC Davis** Mock exams And much more! Dr. Ana Alcaraz Western University

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



Call for Abstracts and Student Travel Awards/Grants

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- Abstract Submission Deadline: March 30 by 5:00pm EST

Student Opportunities- Submit Abstracts and Applications Online

- STP Student Travel Grants- Abstract and Application Deadline: March 30
 - Who: Undergraduate, veterinary and graduate students, residents and postdocs
 - What: Stipend to defray costs associated with attending the convention, complimentary meeting registration, and complimentary student membership (for the following year). Recipients will be honored at the Award and Recognition Ceremony on Wednesday
 - **Apply:** Abstract, application form, personal statement, letter of recommendation, Curriculum Vitae
- STP Young Investigator Awards- Abstract and Application Deadline: March 30
 - Who: Undergraduate, veterinary and graduate students, residents and postdocs
 - What: 1st place, \$750; 2nd place, \$500; 3rd place, \$250 are presented at the STP meeting for the top three student poster abstracts
 - **Apply:** When you submit an abstract online, please check the appropriate box to indicate your interest in applying for the Young Investigator Award
- STP Environmental Toxicologic Pathology SIG Student Research Award-Application Deadline: March 30
 - Who: Undergraduate, veterinary and graduate students, residents and postdocs
 - What: The award recipient will receive The Fundamental of Toxicologic Pathology 3rd Edition and be recognized at the ETP-SIG meeting
 - **Apply:** First author poster abstract online, letter of recommendation, statement of career goals, Curriculum Vitae. Email application to <u>stp@toxpath.org</u> with subject line "ETP-SIG Student Research Award." Also check the appropriate box when submitting abstract online

Calendar of Upcoming Events							
Country	Course	Date	Venue	Contact			
United States	Descriptive Veterinary Pathology Course	June 1-5	Auburn University College of Veterinary Medicine, AL	Jey Koehler jaw0007@auburn.edu			
	<u>Northeastern</u> Veterinary Pathology <u>Conference</u>	April 4-5	National Museum of Health and Medicine, Silver Spring, MD	Sarah Cudd Sarah.k.cudd.mil@mail. mil			
	2020 Gross Pathology <u>Review Course</u>	May 5-9	The Ohio State University College of Veterinary Medicine, Columbus, OH	Krista La Perle <u>laperle.1@osu.edu</u>			
	30 Annual Sub-Central Division Meeting	October 2-3	Galveston, TX	Jim Britt, Ed Dick Jim Britt 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			
	<u>VI WNPRC Lab</u> <u>Animal Medicine and</u> <u>Pathology Seminar</u>	May 2-3	School of Veterinary Medicine, University of Wisconsin, Madison, WI	Andres Mejia amejia@primate.wisc.ed u			
		E	urope				
Country	Course	Date	Venue	Contact			
Italy	European Division Symposium – Mouse Pathology	August 24- 25	NH Centro Hotel, Turino	Simon Priestnall spriestnall@rvc.ac.uk			
North Macedonia	3rd Annual Eastern European Veterinary Pathology Meeting	May 27-29	Hotel Sileks, Lake Archid	Tamara Dolenšek tamara.dolensek@gmail. com			
Oceania							
Country	Course	Date	Venue	Contact			
Australia	Roadshow	August	Brisbane, Sydney, Adelaide, Melbourne, Perth	Hanna Bender <u>hanbender@gmail.com</u> Tony Ross tony.rossvetpath@hot mail.com			
	ASVP 2020 Scientific Conference	TBD	TBD	Hanna Bender <u>hanbender@gmail.com</u> Tony Ross tony.rossvetpath@ho tmail.com			

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 (<u>lminatel@fvet.uba.ar)</u> Jey Koehler (jaw0007@auburn.edu)			
Brazil	Descriptive Veterinary Pathology	December 7-11	Belo Horizonte	Renato de Lima Santos <u>rsantosufmg@gmail.com</u> Jey Koehler (jaw0007@auburn.edu)			
Colombia	Seminar of Digital and Virtual Veterinary Pathology	April 21	Bogotá	Paola Barato paola.barato@corpavet.com			
Costa Rica	l st Costa Rican Meeting	April 17-18	School of Surgery and Veterinary Medicine San Francisco de Asis, Universidad Veritas, San Jose	Roberto Olivares rolivares@veterinariaveritas.ac.cr			
Chile	Small Ruminant Symposium and 6 th Histopathology Meeting.	TBD	TBD	TBD			
Ecuador	Ecuatorian Seminar of Veterinary Surgical Diagnostic Veterinary Pathology in Small Animals	Sept-Oct (TBD)	Quito	Lorena Oña Coloma biocitecuador@gmail.com			
Guatemala	GHPN Basic Mechanisms of Disease and Necropsy	Sept 21-23	Faculty of Veterinary Medicine	Deborah Rodriguez debrodris@gmail.com			
Mexico	2 st Mexican Seminar	September 23-25	Universidad Nacional Autonoma de Mexico, Mexico City	Laura Romero Romero <u>lromeror@unam.mx</u>			
Peru	5 th Peruvian Seminar	TBD	TBD	Rosa Perales <u>rperalesc@unmsm.edu.pe</u>			
Uruguay	6th Uruguayan Seminar	August 31 - September 1	Facultad de Ciencias Veterinarias, Universidad de la Republica, Montevideo	José Manuel Verdes jmverdes@fvet.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			

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!!!



