Gastrointestinal Pathology Down Under!

President of the Foundation Professor Francisco A. Uzal, DVM, MSc, PhD, Dipl. ACVP of UC Davis President of the Foundation Professor Francisco A. Uzal, DVM, MSc, PhD, Dipl. ACVP of UC Davis delivered a free whole-day seminar on Gastrointestinal pathology at the Melbourne Veterinary School, University of Melbourne, Australia, on the 28th March 2019. The seminar included a special focus on clostridial diseases and on enterocolitis of horses infectious and non-infectious. It was very well received and was attended by, among others, pathologists and pathology trainees, equine medicine specialists and residents, veterinary nursing and laboratory staff. Participants travelled from Sydney, Canberra, Wagga Wagga and from around Victoria to attend what was the first Thompson-Davis Foundation seminar held at the University of Melbourne and the first to be held at the brand new Teaching and Learning Building at the Werribee campus.

Continued on page 2
Francisco A. Uzal, DVM, MSc, PhD, Dipl. ACVP, is a Professor of Diagnostic Pathology and Branch Chief of the San Bernardino Laboratory of the California Animal Health and Food Safety, UC Davis, and the President of the Davis/Thompson Foundation. He is a leading expert on clostridial diseases of animals and has published > 200 articles in peer reviewed journals. He is the senior author of the chapter on “Alimentary Diseases”, for the 6th edition of “Jubb, Kennedy and Palmer’s Pathology of Domestic Animals” (2015, Elsevier), and the first author of the recently published textbook on Clostridial diseases of animals (2016, Wiley and Blackwell). He is a Diplomate of the American College of Veterinary Pathology and a member of the American Association of Veterinary Laboratory Diagnosticians. Dr Uzal is an Editor of the Journal of Veterinary Diagnostic Investigation, Associate Editor of Anaerobe and member of the editorial board of several other journals. He is a member of the Advisory Group of the LCPG and was for 4 years (2010-2014) the president of that group. Over the past 17+ years he has mentored a large number of veterinarians and vet students visiting his laboratory in California. He received the 2016 Life Achievement Award from Henaac.

Importantly for veterinary pathology, the University of Melbourne was the academic home of the late Professor K. Jubb, author of the “pathology bible” “Jubb and Kennedy’s Pathology of Domestic Animals”, and subsequent editions. Established in 1853, the University of Melbourne is a public-spirited institution that makes distinctive contributions to society in research, learning and teaching and engagement. It is consistently ranked among the leading universities in the world, with international rankings of world universities placing it as number 1 in Australia and number 32 in the world. The seminar was under the auspices of the Davis-Thompson Foundation and the University of Melbourne and was organized by Dr. P. Loukopoulos.
Davis-Thompson Foundation Pathology Externship

Since 1980, the Davis-Thompson Foundation lab sites have hosted more than 125 veterinary students at 8 participating diagnostic laboratories. These students usually have a strong interest in pathology itself or zoo or poultry medicine that require a strong pathology background. The Foundation is always interested in having veterinary students apply for an externship and we would like to add more externship sites that do not usually have veterinary students, to help increase their interest and knowledge of pathology with some off-campus experience. For more information, contact Dr. Jim Britt, jobritt@sbcglobal.net; 501-912-1449.

Retiring?

Have slides left over from your recent slide seminar? Just looking to free up some storage space? The Foundation is looking for additional glass slides, kodachromes and other similar materials for its Correspondence Division and Study Centers. All materials should be well-identified with as much accompany history and discussion as possible, as these materials are expressly used for teaching. Moreover, as the Foundation is a publicly donative charity, all donated materials are tax-deductible. For more information, please contact Dr. Bruce Williams at bruce.h.williams.dvm@gmail.com.
Diagnostic Exercise
From The Davis-Thompson Foundation*

Case #106: Month: October Year: 2018


Clinical History: Adult captive held male koala (Phascolarctos cinereus) of unknown age. This koala has been living with several other koalas in an enclosure in a zoological facility in North Queensland, Australia. The attending veterinarian removed what appeared to be a necrotic and infected lymph node from the right inguinal region in July 2016. After surgery, the right leg became swollen and edematous and pale yellow thick fluid interpreted as pus was drained from the swelling at that site. The animal was treated with antibiotics but showed minimal response. In August, additional surgery was performed to remove what appeared to be an encapsulated necrotic tissue mass (lymph node – Figure 1). Both tissue samples (from the original and subsequent surgery) were submitted for histopathological evaluation and the referring clinician’s concern was to rule out tuberculosis.

Koala; lymph node - Figure 1 (hematoxylin and eosin, H&E)

Follow-up questions: Morphologic diagnosis, useful special stain(s), 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!
Become a member of the Latin Comparative Pathology Group

LCPG:
- Provides Diagnostic Exercises
- Offers travel awards
- Coordinates externships in US labs for Latin Americans
- Organizes and lectures in Latin American seminars and courses

Learn more at: www.cldavis.org/lcpg_english

Contact Francisco.carvallo@gmail.com to join LCPG!

Membership fees:
- $50 - Professionals in US, Canada and Europe
- $30 - Professionals in Latin America
- $25 - Students in US, Canada and Europe
- $15 - Students in Latin America
British Society of Toxicologic Pathology

Notice of Future Meetings

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

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.

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

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

For more information on any of these meetings, keep checking the website - http://www.bstp.org.uk/events or contact the BSTP Secretariat - bstpoffice@aol.com
2019

European Descriptive Veterinary Pathology Course

8 - 12 July
Állatorvostudományi Egyetem
University of Veterinary Medicine, Budapest
Budapest, István u. 2, 1078 Hungary

Lectures, active learning exercises, & mock exams on:
• Gross Pathology
• Microscopic Pathology
• Gross-Micro Correlations
• Ultrastructural Pathology
• Immunohistochemistry
• Comprehensive Pathology

Faculty:

Dr. Jey Koehler
Auburn University

Dr. Patricia Pesavento
University of California Davis

Dr. Linden Craig
University of Tennessee

More information at: www.cldavis.org/upcoming.html#228

Course director: Dr. Jey Koehler (jaw0007@auburn.edu)

Register at: www.regonline.com/2019Europeandescriptive
2019
GROSS PATHOLOGY REVIEW COURSE
University of Florida
July 15-19, 2019

LECTURES ON MACROSCOPIC PATHOLOGY OF:
Swine • Poultry • Reptiles and Amphibians • Mammalian Zoo and Exotic Animals • Dogs • Aquatic Animals • Marine Mammals • Cats • Non-human Primates • Laboratory Animals • Ruminants • Avian Wildlife • Horses

For more information:
http://www.cldavis.org/upcoming.html#232

Register at:

Course director:
Dr. Mike Dark
University of Florida
5º CBPV
Congresso Brasileiro de Patologia Veterinária

XIX ENAPAVE
Encontro Nacional de Patologia Veterinária

2019

De 15 a 18 de julho
Centro de Convenções de Ribeirão Preto, SP

TEAM NACIONAL
Josué Díaz Delgado
Alexandre Krause
Regina Kiomi Takahira
Stella de Faria Valle
Nádia Regina Pereira Almosny
Samantha Ihe Miyashiro
Ricardo Duarte Lopes
Fabrizio Grandi

TEAM INTERNACIONAL
Fábio Del Piero
Ryan N. Jennings
Monique S. França

REALIZAÇÃO

Funep

INVESTIMENTO

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A Funep reserva-se ao direito de alterar datas, horários ou mesmo cancelar programações de acordo com o número de inscrições. Em nenhum caso, todas as inscrições serão priorizadas segundo a ordem de inscrição. Caso o cancelamento seja realizado por motivos externos, o participante será informado antes do início do evento. Os valores indicados são de caráter orientativo e sujeitos à alteração sem aviso prévio. A Funep reserva-se ao direito de alterar o valor dos investimentos conforme a quantidade de inscrições.
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<th>Country</th>
<th>Course</th>
<th>Date</th>
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<th>Invited speakers</th>
<th>Main topics</th>
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<td>Chile</td>
<td>Third symposium of veterinary pathology</td>
<td>July 8-9</td>
<td>Universidad Mayor, sede Huéchuraba, Santiago, Chile.</td>
<td>Fabio del Piero (LSU, USA)</td>
<td>Equine respiratory diseases and diseases of the equine nervous system</td>
<td>Carlos Flores <a href="mailto:carlos.flores@unavet.cl">carlos.flores@unavet.cl</a></td>
</tr>
<tr>
<td>Paraguay</td>
<td>Symposium of veterinary anatomic pathology</td>
<td>July 11-12</td>
<td>Auditorio de la Dirección General de Extensión Universitaria – Campus Universitario de la UNA – San Lorenzo</td>
<td>Fabio del Piero (LSU, USA)</td>
<td>Infectious diseases of domestic animals (ruminant, horses, dogs and cats)</td>
<td>Shyryla Paola Amarilla <a href="mailto:pamarilla@vet.una.py">pamarilla@vet.una.py</a> Leila Maidana Moreno <a href="mailto:lmaidana@vet.una.py">lmaidana@vet.una.py</a></td>
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<tr>
<td>Brazil</td>
<td>14th Brazilian Symposium of the Davis-Thompson Foundation and 5th Congresso Brasileiro de Patologia Veterinária</td>
<td>July 15-18</td>
<td>Centro de Convenções de Ribeirão Preto. Ribeirão Preto - São Paulo State</td>
<td>Fabio Del Piero (Louisiana State University); José Díaz Delgado (FMVZ-USP); Monique França (University of Georgia); Ryan Jennings (Ohio State University); Alexandre Kraus (UFSM-RG); Regina Takahira, (UNESP-SP); Stella de Faria Valle, (UFGRS-RG); Nádia Almosny (UFF-RJ); Samantha Ivie Miyashiro (IDEXX); Ricardo Eduardo Lopes (PROVET-SP)</td>
<td>Equine Pathology Wild Animals Pathology Ornithopathology Dermatopathology Feline Hematology</td>
<td>Gisele Fabrino Machado <a href="mailto:giselm@fmva.unesp.br">giselm@fmva.unesp.br</a></td>
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<tr>
<td>Peru</td>
<td>“4th Peruvian Seminar of the Davis-Thompson Foundation”,</td>
<td>October 7-8</td>
<td>Facultad de Medicina veterinaria, UNMSM, Lima, Peru</td>
<td>Joaquin Ortega Porcel (CEU, Spain), Other speakers TBD</td>
<td>Dermatopathology – mammary tumors and soft tissue sarcomas</td>
<td>Rosa Perales <a href="mailto:rperalesc@unmsm.edu.pe">rperalesc@unmsm.edu.pe</a></td>
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<tr>
<td>Mexico</td>
<td>1st Mexican Seminar of the Davis-Thompson Foundation</td>
<td>October 17-18</td>
<td>UNAM School of Veterinary Medicine and Zootechnics Mexico City</td>
<td>Patricia Pesavento (UC Davis); Francisco A Uzal (UC Davis); Francisco R Carvallo (UC Davis)</td>
<td>Gross and microscopic pathology Pathology of the gastrointestinal system</td>
<td>Laura Romero Romero <a href="mailto:lvromero@unam.mx">lvromero@unam.mx</a></td>
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<tr>
<td>Colombia</td>
<td>“Seminar of Forensic Veterinary Pathology”</td>
<td>October (dates to be confirmed)</td>
<td>Universidad Nacional de Colombia Sede Bogotá</td>
<td>Virginia Charney, Wilson Ramirez (UC Davis); Paola Barato (CORPAVET); Other to be confirmed (ACPAVET)</td>
<td>Forensic Necropsy Custody Chain Environmental crimes Forensic Photography</td>
<td>Paola Barato <a href="mailto:paola.barato@corpavet.co.ve">paola.barato@corpavet.co.ve</a></td>
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<td>Argentina</td>
<td>XIII Seminar of the Argentinean Subdivision of the Davis-Thompson Foundation and 9th Permanent Forum on Veterinary Pathology Teaching</td>
<td>November 14-16</td>
<td>Bariloche, Río Negro, Argentina</td>
<td>Claudio Barros (Universidad Federal de Mato Grosso do Sul, Brazil); Francisco Uzal (UC Davis); Lorenzo González (Department for Environment, Food and Rural Affairs, UK)</td>
<td>Neuropathology of ruminants, Clostridial diseases in ruminants.</td>
<td>Agustín Martinez <a href="mailto:martinez.agustin@inta.gov.ar">martinez.agustin@inta.gov.ar</a></td>
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<tr>
<td>Uruguay</td>
<td>5th Uruguayan Seminar of the Davis-Thompson Foundation</td>
<td>December 2-3</td>
<td>Universidad de la Republica, Facultad de Veterinaria, Montevideo, Uruguay</td>
<td>Francisco Uzal (UC, Davis) Other speakers TBD</td>
<td>Gross and microscopic pathology Pathology of the gastrointestinal system Pathology of Wild Animals</td>
<td>José Manuel Verdes <a href="mailto:jmverdes@fivet.edu.uy">jmverdes@fivet.edu.uy</a></td>
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Upcoming STP Trainee Award Deadlines

The Daniel Morton and Laura Dill Morton Scholarship Award Procedures

Application Deadline: November 1

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

IATP/STP Charles Capen Trainee Award Procedures

Application Deadline: November 1

The Charles Capen Trainee Award given by the International Academy of Toxicologic Pathology (IATP) and the Society of Toxicologic Pathology (STP) recognizes Dr. Charles Capen and his legacy as a researcher, teacher, and mentor to the pathology and toxicology communities spanning more than four decades. Dr. Capen was recognized worldwide as an exceptional leader in veterinary and biomedical research. He was a highly regarded mentor to numerous graduate students and postdoctoral scientists. His students and trainees are now leaders throughout academia, government and industry. The awardee will receive a cash award in the amount of $2000.00 to further his or her training and education in the field of toxicologic pathology, plus complimentary STP annual meeting registration and complimentary STP student membership for the following year. He or she will be recognized during the Awards Ceremony at the STP Annual Meeting. Applicants are required to submit a published (or accepted for publication) manuscript from a peer-reviewed journal consisting of original work involving clinical or experimental research that relates to toxicologic pathology. IATP/STP Charles Capen Trainee Award Application
ASVP 2019 SCIENTIFIC CONFERENCE

Neuropathology: It’s A No Brainer!

DATE: 13-15 SEPTEMBER, 2019

VENUE: Mercure Hotel
10 Irwin Street
Perth, Western Australia

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

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

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

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

Conference Website

CONFERENCE PARTNER
IDEXX LABORATORIES

CONFERENCE SUPPORTERS
Current Topics in Rodent Pathology

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

Registration now open!

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

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

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

The program offers 17 hours of Continuing Education credit
CL Davis/SW Thompson Workshop:
Mechanisms of disease and macro-micro correlations

Disturbances of circulation
Inflammation
Cell injury
Necrosis
Necropsy

Dr. L. Tiffany Lyle
Purdue University

Dr. Corrie Brown
University of Georgia

China Agricultural University
July 15-18 2019
SAVE THE DATE

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

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

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

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

Mexico City, October 17-18, 2019

- Descriptive pathology
- Gross and histo correlation
- Gastrointestinal Pathology
- Microbial pathogenesis
- Evolving diseases
- Viral discovery and much more!
19th CL Davis/SW Thompson Diagnostic Pathology Symposium:
Diagnostic Pathology of Lymphoid Organs

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

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

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

In conjunction with the 62nd Annual AAVLD annual meeting
Starting in 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 anywhere in the world. Dr. Ignacio Alvarez (Argentina) spent four months (February – May 2019) at the National Veterinary Institute (SVA), Swedish University of Agricultural Sciences, Uppsala, Sweden, under the supervision of Dr. Jean-Francois Valarcher. He was selected for the award after a competitive and thorough selection process, and was awarded $350.00 and a diploma. During Dr. Alvarez’ time in Sweden, he worked in the ruminant’s clinic, with emphasis on respiratory diseases. In addition, he participated in the daily necropsies performed at the Pathology Department of the SVA, gaining valuable experience on diseases of domestic and wildlife animals. “I would like to take this opportunity to congratulate the LCPG for this opportunity that is being offered to veterinarians from Latin America, generating a stronger link with pathology”, said Dr. Alvarez at the end of his rotation.

Dr. Jean-Francois Valarcher (sponsor) and Dr. Ignacio Alvarez, recipient of the 2018 LCPG veterinary pathology externship award.
## CALENDAR OF UPCOMING EVENTS

### July 2019
- **07/08-07/12**: 2019 European Descriptive Veterinary Pathology Course – Budapest, Hungary
- **07/09-07/11**: BSTP Pathology of the Liver, Cambridge, UK
- **07/15-07/19**: Gross Path Review Course, University of Florida, FL
- **07/15-07/18**: XIX ENAPAVE - 5º Congresso Brasileiro de Pathologia Veterinaria

### August 2019
- **08/03-04, 08/05-09**: CLASS/POLA, University of Pennsylvania, PA

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

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

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