



International Association of  
Veterinary Rehabilitation and Physical Therapy



## THIS ISSUE:

### 1. SAVE THE DATES!

30<sup>th</sup> July – 3<sup>rd</sup> August 2018

### 2. HIGHLIGHTED IN THE EDITION - THE 1ST WORLD VETERINARY REHABILITATION SUMMIT – JULY 31 2018

Read about the American College of Veterinary Sports Medicine and Rehabilitation and the American Association of Rehabilitation Veterinarians scientific programs in this issue.

### 3. KEYNOTE SPEAKER – HILARY CLAYTON

Find out a few things about one of our keynote speakers, Hilary Clayton BVMS, PhD, DACVSMR, MRCVS.

### 4. PRE-SYMPOSIUM ACVSMR WET LABS

IAVRPT and ACVSMR will present canine and equine pre-symposium laboratories to be held on July 30.

### 5. WHERE? KNOXVILLE, TN.

Find out what you can visit in Knoxville, while attending the 10<sup>th</sup> IAVRPT symposium and World Rehabilitation Summit

### 6. IAVRPT SYMPOSIUM AUGUST 1- 3

Read more about this exciting meeting and speaker in the details next newsletter. In the meantime, visit the website at:

<http://conferences.utk.edu/iavrpt/>

## SAVE THE DATES!

30<sup>th</sup> July – 3<sup>rd</sup> August 2018

### 10th International Association of Veterinary Rehabilitation and Physical Therapy Meeting and 1st World Rehabilitation Summit

- Begin planning now to attend this sensational meeting that happens only every two years!
- The theme for this meeting is "The Athlete," with an emphasis on evidence-based medicine that can cross disciplines.
- This symposium is unique in its ability to bring together professionals from a variety of backgrounds, including veterinarians, physiotherapists, veterinary technicians/nurses, veterinary chiropractors, veterinary acupuncturists, physical therapist assistants, and occupational therapists, who share a common interest to provide optimal treatment and management options for injured and disabled animals.
- An important component of this symposium is to develop and strengthen the area of veterinary rehabilitation and physical rehabilitation, and the very important relationships between professionals working in the field.
- We are excited to host such a diverse group of professionals that will come together to help improve the quality of life of veterinary patients. We hope you will enjoy the symposium and take the opportunity to develop professional relationships that will endure across the world!

**In this issue, we highlight the 1st World Veterinary Rehabilitation Summit! Future editions will highlight the IAVRPT Meeting**



## The 1st World Veterinary Rehabilitation



- The idea behind the World Veterinary Rehabilitation Summit is to bring together groups with similar interests to those of the IAVRPT and have a program that would benefit their members as well as those of other groups.
- The American College of Veterinary Sports Medicine and Rehabilitation (ACVSMR), the American Association of Rehabilitation Veterinarians (AARV), and the Academy of Physical Rehabilitation Veterinary Technicians are proud to present an exciting day of continuing education at the World Veterinary Rehabilitation Summit at the Knoxville Convention Center Tuesday, July 31, 2018.
- This international meeting will bring together veterinary professionals and practicing in the field of animal rehabilitation from around the world!
  - ACVSMR, the specialist group for veterinary sports medicine and rehabilitation, has developed an exemplary lecture track which focuses on the science of sports medicine and rehabilitation for both the canine and equine athlete.
  - The ACVSMR track will start the day of continuing education with six scientific abstracts (3 canine and 3 equine).
  - To close the morning session, Dr. Hilary Clayton will lecture about the unique biomechanics of gait in dogs and horses.
- The afternoon program will split into canine and equine sessions to focus on topics related to the canine and equine athlete.
  - AARV is an organization that supports the advancement of the field of animal rehabilitation by providing continuing education and sponsoring research.
  - AARV's morning track will consist of three scientific abstracts, and a panel discussion between a rehabilitation veterinarian, a veterinary technician, and a physical therapist regarding rehabilitation of common conditions.
  - The afternoon will be comprised of discussions regarding stem cells, underwater treadmill training, a physical therapist's perspective on small animal rehabilitation, and geriatric rehabilitation.
  - The APRVT was created to increase public awareness veterinary rehabilitation; to promote the advancement of credentialed rehabilitation veterinary technicians; and to further the professional development of its members.
  - Sessions include plyometric training, injury prevention, functional anatomy, behavior and rehab, complications in rehab, client education tips, case presentations, and a roundtable discussion with veterinary technician specialists in veterinary physical rehabilitation.



## Meet Dr. Hilary Clayton, one of our speakers!

- Dr. Hilary Clayton BVMS, PhD, DACVSMR, MRCVS will be the keynote speaker of the ACVSMR and AARV meetings on the World Veterinary Rehabilitation Summit day on July 31.
- Dr. Clayton's presentation will be about the unique biomechanics of quadrupedal gait in dogs and horses:

### ***Solving the challenges of locomotion: does quadrupedalism simplify or complicate the equation?***

- Dr. Hilary Clayton graduated as a veterinarian from the University of Glasgow, working in a mixed veterinary practice for two years before returning to the same University to complete a PhD.
- Dr. Clayton was a faculty member with responsibilities for teaching and research at veterinary colleges in Great Britain, The Netherlands and Canada before moving to the US in 1997 as the first Mary Anne McPhail Dressage Chair in Equine Sports Medicine at Michigan State University.
- Dr. Clayton's research focuses on equine sports medicine, especially biomechanics and conditioning of sport horses, and the interaction between rider and horse. Recently, she has focused her research efforts on performing evidence-based research to measure the effects of physiotherapeutic techniques in horses.
- She has published six books (Conditioning Sport Horses, Color Atlas of Large Animal Applied Anatomy, Equine Locomotion, The Dynamic Horse, Clinical Anatomy of the Horse, Activate Your Horse's Core) and many scientific manuscripts and articles.
- Dr. Clayton is a Past President of the Association for Equine Sports Medicine. She is Vice President of the American College of Veterinary Rehabilitation and Sports Medicine and is a member of the US Equestrian Federation's Dressage Committee. She has been awarded the Norden Distinguished Teacher Award and has been inducted into the International Equine Veterinarians Hall of Fame, the Saskatchewan Sports Hall of Fame and the Midwest Dressage Association Hall of Fame.
- Dr. Clayton has competed in a variety of equestrian sports including eventing, show jumping, combined driving and polo. She currently shows dressage horses up to the Grand Prix level and has earned the US Dressage Federation's gold, silver and bronze medals.
- Dr. Clayton will also be speaking at the IAVRPT meeting on *What are the specific neuromuscular and biomechanical demands for a dressage horse?; What are the specific neuromuscular and biomechanical demands for a jumper?; and Asymmetry - how does it affect function?*

## Pre-symposium ACVSMR wet labs

**Monday, July 30**

### **Canine Sports Medicine & Regenerative Medicine Workshop**

*Full-day laboratory*

- This wet lab will be presented by Dr. Sherman Canapp DVM, MS, DACVS, DACVSMR and Dr. Debra Canapp DVM, DACVSMR.
- This one-day course is designed to help you learn more about veterinary sports medicine.
- Lectures will include how to use musculoskeletal diagnostic ultrasound for diagnosing soft tissue injuries, techniques for using diagnostic needle scope for diagnosing intra-articular pathology, and treatment of injuries using intra-articular regenerative medicine injections.
- Techniques and anatomical landmarks for musculoskeletal diagnostic ultrasound and diagnostic needle scope will be demonstrated and practiced on cadavers.
- Participants will learn proper collection techniques for platelet rich plasma and bone marrow aspiration in a clinical setting. Processing techniques will be demonstrated and participants will practice finding anatomical landmarks and injection sites on cadavers.
- Dr. Debra Canapp's exclusive area of interest is sports medicine and rehabilitation. Currently she practices sports medicine, acupuncture, musculoskeletal ultrasound and rehabilitation at VOSM.
- Dr. Sherman Canapp's area interest is canine sports related injury, arthroscopy, and the use of regenerative medicine for the treatment of sports related injury (shoulder and Achille's tendon injuries). Dr. Canapp's current research studies include the use of functional hinged stifle braces for cranial cruciate ligament; canine diagnostic joint blocking; and intra-articular injections.

### **Rehabilitation of the Neurologic Horse**

*3 hour laboratory*

- This lab will be conducted by Dr. Steve Adair DVM, MS, DACVS, DACVSMR
- Participants will learn different techniques used to improve neurologic disease in the horse.
- Exercises and techniques that strengthen muscle and improve proprioception will be used.
- Techniques include underwater treadmill, Equiband System, Balance Pads, Ground poles, Platforms and Seesaws.
- Therapeutic monitoring will also be discussed and demonstrated.
- Dr. Steve Adair is presently an Associate Professor of Equine Surgery, Department of Large Animal Clinical Sciences, Veterinary College of Medicine at the University of Tennessee – Knoxville. Dr. Adair is a Diplomate of the American College of Veterinary Surgeons and the American College of Veterinary Sports Medicine and Rehabilitation and is Certified in Animal Chiropractic by the American Veterinary Chiropractic Association.





## Things to do in Knoxville, TN

### *World's Fair Park*

■ Knoxville hosted the 1982 World's Fair, which is now a park, consisting of three sections: festival lawn, performance lawn, and a lake area. There are water fountains and walking trails to enjoy. Don't forget to visit the Sunsphere, which is a remaining feature from the 1982 World's Fair, and enjoy the 360-view of Knoxville.



### *Knoxville Museum of Art*

■ Knoxville Museum of Art features art and artists from the East Tennessee region. It is the home to one of the largest figurative glass-and-steel assemblages by Richard Jolley.

### *Ijams Nature Center*

■ Knoxville's very own wildlife sanctuary—and only minutes from downtown! The beautiful rolling woodlands of Ijams Nature Center feature an array of exhibits, a museum store, over 10 miles of trails to hike, run and mountain bike, a quarry to fish, and during summer months, canoes and kayaks to rent for paddling.

### *Blount Mansion*

■ Blount Mansion was originally the home to Constitution signee William Blount. Since Blount, it has housed various prominent, political families from Tennessee. Now a registered national historic site, Blount Mansion serves as a museum for all to tour.



Visit:

<http://conferences.utk.edu/iavrpt/index.html>

for more information! See you soon!



### **Other Items of Interest!**

- Remember to submit your abstracts for consideration for podium and poster presentations by May 18. Instructions are on the website at: <http://conferences.utk.edu/iavrpt/Abstracts.html>
- Consider becoming a fellow of the IAVRPT. Requirements to become a fellow and Instructions for application may be found at: [http://www.iavrpt.org/members\\_only/fellows.shtml](http://www.iavrpt.org/members_only/fellows.shtml)