

8th Annual

★ S T A A R ★

**Symposium on Therapeutic Advances
in Animal Rehabilitation**

R E G I S T R A T I O N

April 28 - 30, 2017

Pre-Symposium April 26-27

**Wyndham Hamilton Park Hotel & Conference Center
Florham Park, New Jersey, US**



**EDUCATIONAL OPPORTUNITIES LIKE NO OTHER IN AN
UNPARALLELED ATMOSPHERE OF COLLABORATION AND COMMUNITY**

info@StaarConference.com ★ 908-963-2255 ★ www.StaarConference.com

★ STAAR ★

HOTEL AND CONFERENCE CENTER INFORMATION

WYNDHAM HAMILTON PARK HOTEL & CONFERENCE CENTER

175 Park Avenue, Florham Park, NJ, US

973-377-2424; hamiltonparkhotel.com

GROUP CODE: 04276880TP (STAAR group rate valid through March 27, 2017)

About Wyndham Hamilton Park

Set in New Jersey's *Fortune 500* corridor, the Wyndham Hamilton Park experience is tailored to the business traveler. The perfect blend of comfort and convenience creates a satisfying environment, while meeting rooms and facilities promote focus and productivity.

Each of the 219 guest rooms and suites exudes contemporary comfort. Deep, plush beds, thirsty towels, and natural light are just some of the accents that will please all the senses. Gaze out on rolling lawns and lush gardens, or simply stretch out and unwind.



Walk through the expansive 27,000 square-foot, IACC-certified meeting space and find innovation and inspiration all around. Fully carpeted, this ergonomically engineered environment elevates thought by eliminating distraction, while our knowledgeable meeting professionals and the full-service conference concierge are dedicated to helping with the planning and execution of various details, freeing you to focus on your meeting objectives.

As a guest at Hamilton Park Hotel, you will enjoy the following amenities and services:

- Business center
- Fitness center with indoor/outdoor pool
- Free parking
- Rooms include:
 - room service
 - USA today newspaper
 - free Wi-Fi
 - Keurig coffee maker
 - laptop safe



18 miles from Newark Liberty International Airport
30 miles from New York City

GENERAL CONFERENCE INFORMATION AND AMENITIES

COCKTAIL RECEPTION WITH EXHIBITORS

Friday evening 7:00 pm – 9:00 pm

Join us on the 4th floor Conference Level, to meet the exhibitors and mingle with peers.

This year, the Cocktail Party's theme is



"Woodstock" with music, open bar wine, beer, and specialty drinks, and

lots of delicious, butlered hors d'oeuvres.

Raffle begins at 8:00pm. 100% proceeds to benefit

Justice Rescue (justice-rescue.org)

Please wear your lanyard for admittance.

PRE-SYMPOSIUM

Pre-symposium courses are located on 4th floor Conference Level.

Breakfast and lunch are included.

Registration is on 4th floor.

WORKSHOPS

Symposium workshop classrooms are located on the 4th floor Conference Level.

Classrooms are clearly labeled.

Registration is on 4th floor.

EXHIBIT HALL HOURS

Friday – 7:30 am – 9:00 pm

Saturday – 7:30 am – 6:30 pm

Exhibitor hours are suggested and not mandatory.

BREAKFAST

Continental breakfast is provided on the 4th floor Conference Level, 7:30 am – 8:30 am, Friday and Saturday.

Sunday breakfast on your own.

LUNCH

Friday and Saturday Lunch Hours: 12:45 pm - 2:15 pm

in the restaurant, **Arrive**, on the Main Level.

Please present hostess with your Lunch Ticket.

Those without tickets will be charged.

Snacks and beverages served throughout the day.

HOTEL CHECK OUT

Check out is 12 (noon).

ATM Machine

Located near Vanderbilt's entrance – First Floor.

HOTEL ACCESS

The bridge entrance leading to the back parking lot area is the pet entrance/exit area. It will automatically lock each night from 11:00 pm until 6:00am. To enter during those hours, please use your guestroom keycard. For your convenience, the front entrance will remain open on a 24-hour basis.

COMPUTER STATIONS

Computer stations and complimentary printers are located on the 3rd and 4th Conference floors.

FITNESS CENTER (1st floor)

You may access the gym area on a 24-hour basis using your guest room keycard. Indoor and outdoor heated pools and hot tub hours are 6:00 am until 11:00 pm daily.

For a pickup game of basketball, volleyball, or racquetball, equipment is available at the front desk.

OFF-SITE RESTAURANTS

In Florham Park

- Puleo's Brick Oven – 162 Columbia Turnpike
- Starbucks – 184 Columbia Turnpike
- China Chalet – 184 Columbia Turnpike
- Nonna's – 176 Columbia Turnpike
- Panera – 187 Columbia Turnpike
- Thirsty Turtle – 186 Columbia Turnpike

In Morristown

- Roots Steak House – 40 W Park Place
- Sushi Lounge – 12 Schuyler Pace
- Asahi Sushi Restaurant – 65 Morris Street
- David Todd's City Tavern – 150 South Street
- Origin French Thai – 10 South Street
- Cafe India – 79 Washington Street

In Madison

- Empire Szechuan - 258 Main Street
- Begum Palace Indian – 300 Main Street
- Biladi Grill – 77 Main Street
- Blue Wazabi Japanese – 20 Waverly Place
- 54 Main Bar & Grille - 54 Main Street
- Rocco's Pizzeria Restaurant - 30 Cook Plaza
- Il Mondo Vecchio – 72 Main Street
- Poor Herbie's American – 13 Waverly Place

Complimentary shuttle service available to local stops. Contact the front desk for information.

★ STARR ★ CONFERENCE SCHEDULE

PRE-SYMPOSIUM

WEDNESDAY APRIL 26 (9:00AM – 6:30PM)	Two-day workshop; Laurie Edge-Hughes
THURSDAY, APRIL 27 (9:00AM – 6:30PM)	<i>Manual Assessment & Treatment of Canine Extremities</i>

THURSDAY, APRIL 27 (9:00AM – 6:30PM)	All-day workshop; Ria Acciani
	<i>The Pelvis: Injuries, Prevention, and its Influence on Performance</i>

THURSDAY, APRIL 27 (9:00AM – 6:30PM)	All-day workshop; Sabine Hárrer
	<i>Canine Neurodynamics</i>

SYMPOSIUM – FRIDAY, APRIL 28

7:30AM BREAKFAST – 4th FLOOR

ALL COURSES START AT 8:30AM	Full day workshop <i>Myofascial Trigger Point Therapy</i> Denise Theobald	½ day workshop <i>Progressive Palpation to Enhance Manual Assessment & Treatment</i> Ria Acciani	½ day workshop <i>Beyond Primary Disorder: Use Ther-Ex to Identify & Treat Compensatory Dysfunction</i> Lis Conarton	½ day workshop <i>Home Care & Management of Geriatric & Disabled Dogs</i> Leilani Alvarez	½ day workshop <i>Localization of Pain & Dysfunction</i> Rick Wall
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Break 9:45-10:00

ALL COURSES END AT 12:45PM (except for Full Day Workshop)	Break 10:00-10:15	½ day workshop cont'd <i>Progressive Palpation to Enhance Manual Assessment & Treatment</i> Ria Acciani	½ day workshop cont'd <i>Beyond Primary Disorder: Use Ther-Ex to Identify & Treat Compensatory Dysfunction</i> Lis Conarton	½ day workshop cont'd <i>Home Care & Management of Geriatric & Disabled Dogs</i> Leilani Alvarez	½ day workshop cont'd <i>Localization of Pain & Dysfunction</i> Rick Wall
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12:45PM-2:15PM LUNCH IN ARRIVE DINING ROOM GROUND FLOOR

ALL COURSES START AT 2:15PM	Full day workshop cont'd <i>Myofascial Trigger Point Therapy</i> Denise Theobald	½ day workshop <i>Evaluation & Application of Select Manual Therapy Techniques for Cervical Spine Dysfunction</i> Ria Acciani	½ day workshop <i>Therapeutic Exercise for Senior & Obese Dogs</i> Jean Pavlakos	½ day workshop <i>Case-based Orthopedic Assessment & Treatment Strategies</i> Felix Duerr	½ day workshop <i>Creating Your Marketing Plan</i> Laurie Edge-Hughes
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Break 3:45-4:00

ALL COURSES END AT 6:30PM	Break 4:00-4:15	½ day workshop cont'd <i>Evaluation & Application of Select Manual Therapy Techniques for Cervical Spine Dysfunction</i> Ria Acciani	½ day workshop cont'd <i>Therapeutic Exercise for Senior & Obese Dogs</i> Jean Pavlakos	½ day workshop cont'd <i>Case-based Orthopedic Assessment & Treatment Strategies</i> Felix Duerr	½ day workshop cont'd <i>Creating Your Marketing Plan</i> Laurie Edge-Hughes
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7:00PM – 9:00PM STAAR COCKTAIL PARTY 4th FLOOR EXHIBIT HALL

“WOODSTAAR”


come join us for an evening of peace, love, and music . . . food, drinks, and awesome raffle prizes!
Totally groovy, man!


SYMPOSIUM – SATURDAY, APRIL 29

7:30AM BREAKFAST – 4th FLOOR

8:30AM - 9:45AM	½ day Workshop Case After Case – Live Cases to Work Through & Learn From Laurie Edge-Hughes	½ day workshop Transverse Friction Therapy for Tendon & Ligament Injuries Denise Theobald	½ day workshop Diagnosis & Treatment Plans for the Lower Limb Julia Tomlinson	½ day workshop Localization of Pain & Dysfunction Rick Wall	Exhibitor Educational Program <i>Treat the Pain & Heal the Patient</i> Companion 8:30-10:30 ----- Exhibitor Educational Program <i>Biomechanics & Casting Workshop</i> Hero Braces 10:45-12:45	<i>Modalities for Pain Management</i> Cara Blake 8:30-9:30 ----- <i>Novel Therapeutics for Pain</i> Cara Blake 9:35-10:35 ----- <i>Sx as Tool for Pain in Musculoskeletal Disease</i> Felix Duerr 10:40-11:40 ----- <i>Pain in Geriatric Dogs</i> Leilani Alvarez 11:45-12:45 ----- Sponsored by 
	Break 9:45-10:00					
10:00AM - 12:45PM	½ day Workshop cont'd Case After Case – Live Cases to Work Through & Learn From Laurie Edge-Hughes	½ day workshop cont'd Transverse Friction Therapy for Tendon & Ligament Injuries Denise Theobald	½ day workshop cont'd Diagnosis & Treatment Plans for the Lower Limb Julia Tomlinson	½ day workshop cont'd Localization of Pain & Dysfunction Rick Wall		


12:45PM-2:15PM LUNCH IN ARRIVE DINING ROOM GROUND FLOOR

2:15PM - 3:30PM	½ day Workshop <i>Selection & Treatment of Acupoints for the Non-Needling Practitioner</i> Laurie Edge-Hughes	½ day workshop <i>Transverse Friction Therapy for Tendon & Ligament Injuries</i> Denise Theobald	½ day workshop <i>Diagnosis & Treatment Plans for the Lower Limb</i> Julia Tomlinson	½ day workshop <i>Therapeutic Exercise for Senior & Obese Dogs</i> Jean Pavlakos	Exhibitor Educational Program <i>Integrating Mobility Carts & LandBased Rehab System</i> Eddie's Wheels 2:15-4:15	Novel Therapeutics for Pain Cara Blake 2:15-3:15 ----- <i>Localizing Pain</i> Rick Wall 3:20-4:20 ----- <i>Sx as Tool for Pain in Musculoskeletal Disease</i> Felix Duerr 4:25-5:25 ----- <i>Pain in Geriatric Dogs</i> Leilani Alvarez 5:30-6:30 ----- Sponsored by  <small>American Association of Rehabilitation Veterinarians</small>
	Break 3:45-4:00					
3:45PM - 6:30PM	½ day Workshop cont'd <i>Selection & Treatment of Acupoints for the Non-Needling Practitioner</i> Laurie Edge-Hughes	½ day workshop cont'd <i>Transverse Friction Therapy for Tendon & Ligament Injuries</i> Denise Theobald	½ day workshop cont'd <i>Diagnosis & Treatment Plans for the Lower Limb</i> Julia Tomlinson	½ day workshop cont'd <i>Therapeutic Exercise for Senior & Obese Dogs</i> Jean Pavlakos	Exhibitor Educational Program <i>Therapeutic Laser: What is it, Why Have One, & How to Use it Better</i> SpectraVET 4:30-6:30	

PARTY TIME WITH AARV 7:00pm at VANDERBILTS (main floor) ALL PARTICIPANTS WELCOME
Join AARV for drinks, food, and fun!! Sponsored by PURINA PRO PLAN 

SYMPOSIUM – SUNDAY, APRIL 30

MORNING COFFEE & BEVERAGES – BREAKFAST ON YOUR OWN

9:00AM - 12:00PM	ROUNDTABLE Conservative Management of Canine Cruciate Insufficiency Laurie Edge-Hughes	ROUNDTABLE Beyond Epley: Organizing Vestibular Disorder Julia Tomlinson	ROUNDTABLE & LAB Let's Talk Shockwave Ria Acciani Sponsored by: 
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END NOON

★ STAAR ★ YOUR CONFERENCE YOUR WAY

Customize your Conference register for the courses you want, when you want them

STAAR allows you to customize your schedule.
You do not have to sign up for the entire Conference.
Select the courses that fit with your schedule and are pertinent to your practice.
Just place an "X" in the ☐ boxes to indicate your choices.

Choices are on a first-come, first-served basis, and are honored once final payment is received.

RATING SCALE

- ★ **Basic course:** Designed for participants who desire a basic understanding or knowledge of the topic or skills. Participants will find the course basic/introductory.
- ★ ★ **Intermediate course:** Participants assume a solid foundation and understanding of the topic and skills, and desire more advanced training. Participants will find the course moderately challenging.
- ★ ★ ★ **Advanced course:** Presentation includes advanced skills and cutting edge techniques that assumes a thorough understanding of the topic and consistency in ability to apply foundational skills and clinical reasoning.

PRE-SYMPOSIUM WORKSHOPS WORKSHEET

Wednesday, April 26 & Thursday, April 27

2-DAY SCHEDULE

9:00am – 6:30pm

includes continental breakfast, gourmet lunch, snacks

TITLE: Manual Assessment and Treatment of The Canine Extremities
INSTRUCTOR: Laurie Edge-Hughes, BScPT, MAnimSt (Animal Physio), CAFCI, CCRT

COURSE RATING:

★★ DVM/VMD, PT, CCRP, CCRT ★★★ PTA, VT, CCRA
(exceptions by special permission based on review of applicant's previous coursework and experience)

CONTACT HOURS: 16.0 (RACE-Approved)

☐ \$1,789

Thursday, April 27

1-DAY SCHEDULE

9:00am – 6:30pm

includes continental breakfast, gourmet lunch, snacks

TITLE: The Pelvis: Injuries, Prevention, and its Influence on Performance

INSTRUCTORS: Ria Acciani, MPT, CCRP

COURSE RATING:

★★ DVM/VMD, PT, CCRP, CCRT
★★★ PTA, VT, CCRA

CONTACT HOURS: 8.0 (RACE-Approved)

☐ \$868

Thursday, April 27

1-DAY SCHEDULE

9:00am – 6:30pm

includes continental breakfast, gourmet lunch, snacks

TITLE: Canine Neurodynamics

INSTRUCTORS: Sabine Hárrer, PT, MT (OMT), LDT, MTT

COURSE RATING:

★★ DVM/VMD, PT, CCRP, CCRT
★★★ PTA, VT, CCRA

CONTACT HOURS: 8.0 (RACE-Approved)

☐ \$868

SYMPOSIUM WORKSHEET – FRIDAY, APRIL 28

ALL-DAY WORKSHOP

*includes breakfast,
gourmet lunch, &
midday snacks*

TITLE: Myofascial Trigger Point Therapy **SOLD OUT – WAIT LIST ONLY**

INSTRUCTOR: Denise Theobald, LMT, CVMRT, NCCMT

TIME: 8:30am – 6:30pm

COURSE RATING: ★★ DVM/VMD, VT, PT, CCRP, CCRT, CCRA ★★★ PTA

CONTACT HOURS: 8.0 (RACE-Approved)

☐ \$868

AM WORKSHOP CHOICES

8:30am

–

12:45pm

(15-min break)

*includes breakfast,
& mid-morning
snacks*

TITLE: Progressive Palpation to Enhance Manual Assessment and Treatment

INSTRUCTOR: Ria Acciani, MPT, CCRP

TIME: 8:30am – 12:45pm

COURSE RATING: ★★ DVM/VMD, PT, CCRP, CCRT ★★★ PTA, VT, CCRA

CONTACT HOURS: 4.0 (RACE-Approved)

☐ \$434

TITLE: Looking Beyond Primary Disorder: Using Therapeutic Exercise to Identify and Treat Compensatory Dysfunction

INSTRUCTOR: Lis Conarton, BS, LVT, CCRP, CVPP

TIME: 8:30am – 12:45pm

COURSE RATING: ★ DVM/VMD, PT, CCRP, CCRT ★★ PTA, VT, CCRA

CONTACT HOURS: 4.0 (RACE-Approved)

☐ \$434

TITLE: Home Care and Management of Geriatric and Disabled Dogs

INSTRUCTOR: Leilani Alvarez, DVM, DACVSMR, CVA, CCRT, CVCHM

TIME: 8:30am – 12:45pm

COURSE RATING: ★ DVM/VMD, PT, CCRP, CCRT ★★ PTA, VT, CCRA

CONTACT HOURS: 4.0 (RACE-Approved)

☐ \$434

TITLE: Localization of Pain and Dysfunction

INSTRUCTOR: Rick Wall, DVM, DACVSMR, CCRP, CMTPT

TIME: 8:30am – 12:45pm

COURSE RATING: ★★ DVM/VMD, CCRP, CCRT, CCRA ★★★ PT, PTA, VT

CONTACT HOURS: 4.0 (RACE-Approved)

☐ \$434

PM WORKSHOP CHOICES

2:15pm

–

6:30pm

(15-min break)

*includes gourmet
lunch & midday
snacks*

*(please present
your lunch voucher
at your lunch table
when seated)*

TITLE: Evaluation and Application of Select Manual Therapy Techniques for Cervical Spine Dysfunction

INSTRUCTOR: Ria Acciani, MPT, CCRP

TIME: 2:15pm – 6:30pm

COURSE RATING: ★★ DVM/VMD, PT, CCRP, CCRT ★★★ PTA, VT, CCRA

CONTACT HOURS: 4.0 (RACE-Approved)

☐ \$434

TITLE: Therapeutic Exercise for Senior and Obese Dogs

INSTRUCTOR: Jean Pavlakos, PT, CCRP

TIME: 2:15pm – 6:30pm

COURSE RATING: ★ DVM/VMD, PT, CCRP, CCRT ★★ PTA, VT, CCRA

CONTACT HOURS: 4.0 (RACE-Approved)

☐ \$434

TITLE: Case-Based Orthopedic Assessment and Treatment Strategies

INSTRUCTOR: Felix Duerr, Dr. Med. Vet., MS, DACVS, DACVSMR, CCRT

TIME: 2:15pm – 6:30pm

COURSE RATING: ★★ DVM/VMD, PT, CCRP, CCRT ★★★ PTA, VT, CCRA

CONTACT HOURS: 4.0 (RACE-Approved)

☐ \$434

TITLE: Creating Your Marketing Plan

INSTRUCTOR: Laurie Edge-Hughes, BScPT, MAnimSt (Animal Physio), CAFCI, CCRT

TIME: 2:15pm – 6:30pm

COURSE RATING: ★ DVM/VMD, PT, CCRP, CCRT, PTA, VT, CCRA

CONTACT HOURS: 4.0 (RACE-Approved)

☐ \$334

SYMPOSIUM WORKSHEET – FRIDAY, APRIL 28 - continued

STAAR COCKTAIL PARTY



THEME: “WOODSTAAR” – Woodstock-themed, groovy gathering.
TIME: 7:00pm – 9:00pm *Get decked out in your fave digs and party!*
FEATURES: Butlered Hors D' oeuvres, food stations, open bar wine and beer, music, raffle and lots of terrific prizes

Participants enrolled in 8 Contact Hours minimum

☐ FREE

All other guests

☐ \$118



SYMPOSIUM WORKSHEET – SATURDAY, APRIL 29

AM WORKSHOP CHOICES

8:30am
–
12:45pm
(15-min break)
*includes breakfast,
& mid-morning
snacks*

TITLE: Case After Case – Live Cases to Work Through and Learn From

INSTRUCTOR: Laurie Edge-Hughes, BScPT, MAnimSt (Animal Physio), CAFCI, CCRT

TIME: 8:30am – 12:45pm

COURSE RATING: ★★ DVM/VMD, PT, CCRP, CCRT ★★★ PTA, VT, CCRA

CONTACT HOURS: 4.0 (RACE-Approved)

☐ \$434

TITLE: Transverse Friction Therapy for Tendon and Ligament Injuries

TIME: 8:30am – 12:45pm

INSTRUCTOR: Denise Theobald, LMT, CVMRT, NCCMT

COURSE RATING: ★★ DVM/VMD, PT, CCRP, CCRT, CCRA ★★★ PTA, VT

CONTACT HOURS: 4.0 (RACE-Approved)

☐ \$434

TITLE: Watch Your Step! Diagnosis and Treatment Plans for the Lower Limbs

INSTRUCTOR: Julia Tomlinson, BVSc, MS, PhD, DACVS, DACVSMR, CCRP, CVSMT

TIME: 8:30am – 12:45pm

COURSE RATING: ★★ DVM/VMD, PT, CCRP, CCRT ★★★ PTA, VT, CCRA

CONTACT HOURS: 4.0 (RACE-Approved)

☐ \$434

TITLE: Localization of Pain and Dysfunction

INSTRUCTOR: Rick Wall, DVM, DACVSMR, CCRP, CMTPT

TIME: 8:30am – 12:45pm

COURSE RATING: ★★ DVM/VMD, CCRP, CCRT, CCRA ★★★ PT, PTA, VT

CONTACT HOURS: 4.0 (RACE-Approved)

☐ \$434

AM LECTURE SERIES

**Practical Pain
Management**

Sponsored by



TITLE: Using Shock Wave and other Modalities for Adjunct Pain Management

PRESENTER: Cara Blake, DVM, DACVS-SA, CCRT

TIME: 8:30am – 9:30am; **COURSE RATING:** open

CONTACT HOURS: 1.0 (RACE-Approved)

☐ \$99*

TITLE: Novel Therapeutics in Pain Management

PRESENTER: Cara Blake, DVM, DACVS-SA, CCRT

TIME: 9:35am – 10:35am; **COURSE RATING:** open

CONTACT HOURS: 1.0 (RACE-Approved)

☐ \$99*

TITLE: When to Choose Surgery as a Tool for Managing Pain in Patients w/ Musculoskeletal Disease

PRESENTER: Felix Duerr, Dr. Med. Vet., MS, DACVS, DACVSMR, CCRT

TIME: 10:40am – 11:40am; **COURSE RATING:** open

CONTACT HOURS: 1.0 (RACE-Approved)

☐ \$99*

TITLE: Pain in our Geriatric Patients: How to Safely and Effectively Manage Pain in Old Dogs

PRESENTER: Leilani Alvarez, DVM, DACVSMR, CVA, CCRT, CVCHM

TIME: 11:45am – 12:45pm; **COURSE RATING:** open

CONTACT HOURS: 1.0 (RACE-Approved)

☐ \$99*

* If enrolling in ALL four (4) lectures

☐ \$325

SYMPOSIUM WORKSHEET – SATURDAY, APRIL 29- continued

<p>AM</p> <p>Exhibitor Educational Program</p>	<p>TITLE: Treat the Pain and Heal the Patient PRESENTERS: Lisa Miller, DVM, CCRT, CVA & Evelyn Orenbuch, DVM, DACVSMR, CAVCA, CCRT TIME: 8:30am – 10:30am; COURSE RATING: open CONTACT HOURS: 2.0 (RACE-Approved) <input type="checkbox"/> \$45</p> <p>TITLE: Canine Bracing: Biomechanics and Casting Workshop PRESENTER: Ben Blecha, CPO TIME: 10:45am – 12:45am; COURSE RATING: open CONTACT HOURS: 2.0 (RACE-Approved) <input type="checkbox"/> \$45</p>
<p>PM WORKSHOP CHOICES</p> <p>2:15pm – 6:30pm (15-min break) includes gourmet lunch & midday snacks (please present your lunch voucher at your lunch table when seated)</p>	<p>TITLE: Medical Acupuncture: Selection and Treatment of Acupoints for the Non-Needling Practitioner INSTRUCTOR: Laurie Edge-Hughes, BScPT, MAnimSt (Animal Physio), CAFCI, CCRT TIME: 2:15 – 6:30pm COURSE RATING: ★★ DVM/VMD, PT, CCRP, CCRT ★★★ PTA, VT, CCRA CONTACT HOURS: 4.0 (RACE-Approved) <input type="checkbox"/> \$434</p> <p>TITLE: Transverse Friction Therapy for Tendon and Ligament Injuries TIME: 2:15 – 6:30pm INSTRUCTOR: Denise Theobald, LMT, CVMRT, NCCMT COURSE RATING: ★★ DVM/VMD, PT, CCRP, CCRT, CCRA ★★★ PTA, VT CONTACT HOURS: 4.0 (RACE-Approved) <input type="checkbox"/> \$434</p> <p>TITLE: Watch Your Step! Diagnosis and Treatment Plans for the Lower Limbs INSTRUCTOR: Julia Tomlinson, BVSc, MS, PhD, DACVS, DACVSMR, CCRP, CVSMT TIME: 2:15 – 6:30pm COURSE RATING: ★★ DVM/VMD, PT, CCRP, CCRT ★★★ PTA, VT, CCRA CONTACT HOURS: 4.0 (RACE-Approved) <input type="checkbox"/> \$434</p> <p>TITLE: Therapeutic Exercise for Senior and Obese Dogs INSTRUCTOR: Jean Pavlakos, PT, CCRP TIME: 2:15pm – 6:30pm COURSE RATING: ★ DVM/VMD, PT, CCRP, CCRT ★★ PTA, VT, CCRA CONTACT HOURS: 4.0 (RACE-Approved) <input type="checkbox"/> \$434</p>
<p>PM LECTURE SERIES</p> <p>Practical Pain Management</p> <p>Sponsored by</p> <p>AARV American Association of Rehabilitation Veterinarians</p>	<p>TITLE: Novel Therapeutics in Pain Management PRESENTER: Cara Blake, DVM, DACVS-SA, CCRT TIME: 2:15pm – 3:15pm; COURSE RATING: open CONTACT HOURS: 1.0 (RACE-Approved) <input type="checkbox"/> \$99*</p> <p>TITLE: Localizing Pain PRESENTER: Rick Wall, DVM, DACVSMR, CCRP, CMTPT TIME: 3:20pm – 4:20pm; COURSE RATING: open CONTACT HOURS: 1.0 (RACE-Approved) <input type="checkbox"/> \$99*</p> <p>TITLE: When to Choose Surgery as a Tool for Managing Pain in Patients w/ Musculoskeletal Disease PRESENTER: Felix Duerr, Dr. Med. Vet., MS, DACVS, DACVSMR, CCRT TIME: 4:25pm – 5:25pm; COURSE RATING: open CONTACT HOURS: 1.0 (RACE-Approved) <input type="checkbox"/> \$99*</p> <p>TITLE: Pain in our Geriatric Patients: How to Safely and Effectively Manage Pain in Old Dogs PRESENTER: Leilani Alvarez, DVM, DACVSMR, CVA, CCRT, CVCHM TIME: 5:30pm – 6:30pm; COURSE RATING: open CONTACT HOURS: 1.0 (RACE-Approved) <input type="checkbox"/> \$99*</p> <p style="text-align: right;">* If enrolling in ALL four (4) lectures <input type="checkbox"/> \$325</p>

SYMPOSIUM WORKSHEET – SATURDAY, APRIL 29- continued

PM

Exhibitor Educational Program

TITLE: Integrating Eddie's Wheels Mobility Carts and Land-Based Rehab Systems into your Rehab Practice

COMPANY: Eddie's Wheels **PRESENTERS:** Leslie Grinnell, President & Erika McElwey, EqCnTPM

TIME: 2:15pm – 4:15pm; **COURSE RATING:** open

CONTACT HOURS: 2.0 (RACE-Approved)

☐ \$45

TITLE: Therapeutic Laser: What is It, Why you Should Have One, and How to Use Yours Better!

COMPANY: SpectraVET Inc. **PRESENTER:** Peter Jenkins, MBA

TIME: 4:30pm – 6:30pm; **COURSE RATING:** open

CONTACT HOURS: 2.0 (RACE-Approved)

☐ \$45

Party Time with AARV!



**ALL PARTICIPANTS
WELCOME!!**

*Let's get together for
drinks, food, and fun!!*

7:00PM

**Vanderbilt's
(main level)**

Sponsored by



SYMPOSIUM WORKSHEET – SUNDAY, APRIL 30

ROUND TABLES

9:00am

–

12:00pm

TITLE: Let's Talk Shockwave - with PiezoWave Vet Extracorporeal Shockwave Therapy Lab

TIME: 9:00am – 12:00pm

INSTRUCTOR: Ria Acciani, MPT, CCRP

COURSE RATING: open

SPONSORED BY: Musculoskeletal Therapies for Animals

CONTACT HOURS: 3.0 (RACE-Approved)

☐ \$89

TITLE: Conservative Management of Cruciate Insufficiency

TIME: 9:00am – 12:00pm

INSTRUCTOR: Laurie Edge-Hughes, BScPT, MAnimSt (Animal Physio), CAFCI, CCRT

COURSE RATING: open

CONTACT HOURS: 3.0 (RACE-Approved)

☐ \$139

TITLE: Beyond Epley – Organizing Vestibular Disorder

TIME: 9:00am – 12:00pm

INSTRUCTOR: Julia Tomlinson, BVSc, MS, PhD, DACVS, DACVSMR, CCRP, CVSMT

COURSE RATING: open

CONTACT HOURS: 3.0 (RACE-Approved)

☐ \$139

END NOON

★ **STAAR** ★

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Participant Responsibilities

- Workshop choices are on a first-come, first-served basis, and are honored when full payment is received and processed.
- You will receive a confirmation e-mail with course schedule once payment is made in full.
- Certificates of Attendance with documented contact hours are awarded upon successful completion of selected courses, and can be used for C.E.U. verification and credits. These will be e-mailed to you by June 15, 2017.
- Participants will be required to sign a Release of Liability upon arrival and registration at STAAR.
- Workshops will be cancelled if less than 10 participants enroll by March 31, 2017.
- Dates, locations, instructors and/or costs are subject to change.
- Requests for refunds must be submitted via the **CANCELLATION POLICY AND REFUND REQUEST FORM** (below).
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To request a refund, this Cancellation Form must be completed and postmarked by March 7, 2017. No refunds will be issued after March 10, 2017. Refunds are issued as below excluding \$50 processing fee.

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PRE-SYMPOSIUM WORKSHOP DESCRIPTIONS

Manual Assessment and Treatment of the Canine Extremities

Day(s)/Time(s): Wednesday & Thursday 9:00am-6:30pm

Instructor: Laurie Edge-Hughes, BScPT, M.Anim.St. (Animal Physio), CAFCI, CCRT

Course Description: The purpose of this course is to provide participants with a fundamental understanding of manual therapy (assessment and treatment) practice for the extremity joints and soft tissues of the canine patient. Participants will be led through a detailed manual orthopaedic evaluation, pathofunctional diagnoses, manual therapy, and joint mobilizations for the forelimbs and hindlimbs. Detailed palpation, clinical reasoning, special tests, muscle stretching, and transference of 'human' physiotherapy techniques will be highlighted. Skills learned in this course will allow graduates to bring benefit to dogs, their owners, and veterinary medicine.

Learning Objectives

- Participants will be able to palpate musculoskeletal structures with confidence
- Participants will be able to assess joint mobility via manual techniques
- Participants will learn manual assessment techniques for soft tissue structures

Course Outline

Day 1: Classroom/Lab

- The physiotherapy assessment overview (Lecture)
- Overview end feels and clinical application (Lecture & Lab)
- Overview Mobilization Theory and grading (Lecture & Lab)
- Manual evaluation of shoulder (Lab)

Lunch

- Manual evaluation of the shoulder and mobilization techniques (Lab)
- Manual evaluation of the elbow and mobilization techniques (Lab)

Day 2: Classroom / Lab

- Questions or discussion from previous day
- Manual evaluation of the carpus and forepaw and mobilization techniques (Lab)
- Manual evaluation of the hip (Lab)
- Manual evaluation of the hip continued and mobilization techniques (Lab)

Lunch

- Manual evaluation of the stifle and mobilization techniques (Lab)
- Manual evaluation of the tarsus and rear paw and mobilization techniques (Lab)
- Question and answer or student-directed review or learning

The Pelvis: Injuries, Prevention, and its Influence on Performance

Day(s)/Time(s): Thursday. 9:00am-6:30pm

Instructor: Ria Acciani, MPT, CCRP

Description: This course is designed to introduce the participants to the pelvis in the canine patient. Injuries, prevention, and the pelvis' Influence on performance will be highlighted through lecture, demonstration, and guided lab. The participant will gain efficiency through the hands-on lab by practicing the evaluation and treatment techniques demonstrated and described in the lecture material. It is important to understand the complexity of this region in order to master effective and successful treatment. The participant should have a solid foundation in canine anatomy and manual skills.

Learning Objectives

- Participants will gain knowledge of canine pelvis anatomy
- Participants will evaluate and assess a variety of biomechanical movement patterns of the canine pelvis and SI joint for injury or dysfunction

The Pelvis: Injuries, Prevention, and its Influence on Performance - *continued*

- Participants will understand the difference between normal and abnormal motions of the canine pelvis and SI joint
- Participants will understand how the pelvis' influence on performance during sporting activities and how it can impact biomechanics if dysfunction is present
- Participants will apply and practice newly-learned evaluation skills on live canines and discuss treatment and exercise prescription for SI dysfunction

Course Outline

Lecture

- The canine pelvis anatomy - proper alignment assessment
- SI Joint dysfunction and joint arthrokinematics
- Injury/Prevention and influence on performance

Lab

- Assessment of normal/abnormal movement of the pelvis
- Special tests to determine dysfunction
- Palpation of bony landmarks and techniques to determine proper alignment of the pelvis

Lunch

Lecture

- Specific joint mobilization techniques to treat malalignment
- Indications/contraindications for treatment
- Treatment plans and exercise prescription

Lab

- Practice hands on techniques, joint mobilizations, myofascial release, and trigger point release
- Exercise demonstration and practice

Lecture

- Case studies
- Question and answer

Canine Neurodynamics

Day/Time: Thursday, 9:00am-6:30pm

Instructor: Sabine Hárrer, PT, MT (OMT), LDT, MTT

Course Description: This course is intended to give the participants an introduction into canine neurodynamics and how to examine the most common nerves and their functions. The lecture will cover basic neuro-biomechanics, including peripheral nerve examination and why dysfunctions of the dura mater cause peripheral nerve problems and affect meningeal structures. The course will examine how nerve adhesions can lead to extremity dysfunctions. The lab will consist of examination techniques of the N. ischiadicus, N. femoralis, N. radialis, N. medianus and N. ulnaris, as well as nerve palpation, and nerve mobility testing. Treatment options will be discussed.

Learning Objectives

- Participants will be able to identify adhesions of neurogenic structures and how to differentiate them from orthopedic or muscular disorders
- Participants will learn how to exam nerves
- Participants will be instructed on how to detect and treat nerve dysfunctions (hands-on and video)

Course Outline

Lecture

- Introduction to neurodynamics
- Mobility dysfunctions of peripheral nerves
- Differentiation between nerve and joint/muscle dysfunctions
- Dysfunctions of the dura mater

Lab

- Manual nerve assessment
- Treatment of nerve dysfunctions
- Treatment of tissue boundary layers
- Designing a treatment plan

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SYMPOSIUM WORKSHOP DESCRIPTIONS

Myofascial Trigger Point Therapy

Day/Time: Friday, 8:30am-6:30pm

Instructor: Denise Theobald, LMT, CVMRT, NCCMT

Course Description: Myofascial trigger point therapy is one of the most effective soft tissue treatments for reducing and eliminating musculoskeletal pain and dysfunction in both humans and dogs. Many dogs that present with on-and-off lameness, chronic dysfunction, and/or limited mobility very often suffer from myofascial trigger points. Trigger points initiate a downward spiral that begins with limited range of motion and inhibited muscle contractibility; they are often responsible for a multitude of issues including ischemia in the tissues, referred pain patterns, nerve impingement, and limited joint movement, which adds to degenerative changes within the joints. Myofascial trigger point therapy is a powerful and indispensable tool that should be part of every rehab practitioner's toolbox. It is a time-efficient way to assess tissue health, and it effectively decreases pain, increases range of motion, and assists in tissue healing, which allows ongoing strengthening and rehabilitation.

Learning Objectives

- Students will learn and understand the physiological components of a myofascial trigger point
- Students will learn why myofascial trigger points occur and when
- Students will learn to properly palpate, assess, and identify myofascial trigger points
- Students will learn to effectively engage and deactivate a myofascial trigger point
- Students will learn how to safely walk the line of deactivating a trigger point by understanding canine body language and the difference between pain, twitch response, and/or reflexive response
- Students will learn to assess myofascial trigger points via passive range of motion
- Students will learn 15-20 common myofascial trigger points in the canine anatomy including muscle, origin, insertion, agonist, antagonist, and location of the trigger point
- Students will learn a few "tricks of the trade" to effectively work chronic trigger points with fascial binding

Course Outline

Lecture

- Trigger point overview-definition and physiology
- Indications and contraindications
- Muscle anatomy review (muscle origins, insertions, and actions; agonist and antagonist)
- Theory of execution

Lab

- Palpation skills
- Identifying and deactivating a trigger point
- Neck protocol
- Thoracic limb protocol
- Assessing the iliopsoas
- Spine and iliopsoas
- Hind end and pelvic limb protocol

SYMPOSIUM WORKSHOP DESCRIPTIONS

Progressive Palpation to Enhance Manual Assessment and Treatment

Day(s)/Time(s): Friday, 8:30am-12:45pm

Instructors: Ria Acciani, MPT, CCRP

Course Description: This course will focus in depth on the most important structures for palpation during an initial exam for assessment of the canine patient. Participants will learn through lecture and lab how to palpate essential structures of the shoulder, elbow, carpus, toes, hip, stifle, and hock. Special focus will be placed on palpation of the tendons, muscles, and ligaments. Through mastery of palpation skills, the practitioner will feel a renewed confidence during their manual assessment, evaluation, and treatment. This is a valuable course to take as it will make every manual skills course easier to understand and master as well as strengthen your clinical diagnostic skills.

Learning Objectives: Upon completion of this course, the participant will be able to:

- Identify all palpable muscles, tendons, and ligaments of the shoulder, elbow, carpus, toes, hip, stifle, and hock
- Identify important bony landmarks to easily identify certain structures
- Incorporate newly-learned skills immediately into practice by having more precise ability to palpate structures with ease and confidence
- Understand the difference between healthy and pathological “feel” of structures during evaluation, diagnostic skills, and manual techniques/treatments

Course Outline

Lecture

- Review the anatomy of the thoracic limb
- Focus will be on structures that will be palpated during lab

Lab

- Locate and palpate muscles, tendons, and ligaments of the thoracic limb
- Practice the “feel” of normal vs. abnormal soft tissue
- Find bony landmarks to help with locating selected muscles, tendons, and ligaments

Lecture

- Review the anatomy of the pelvic limb
- Focus will be on structures that will be palpated during lab

Lab

- Locate and palpate muscles, tendons, and ligaments of the pelvic limb
- Find bony landmarks to help with locating selected muscles, tendons, and ligaments

Wrap-up

- Questions and answers

SYMPOSIUM WORKSHOP DESCRIPTIONS

Looking Beyond Primary Disorder: Using Therapeutic Exercise to Identify and Treat Compensatory Dysfunction

Day/Time: Friday, 8:30am-12:45pm

Instructor: Lis Conarton, BS, LVT, CCRP, CVPP

Course Description: Exercise physiology is a distinct category in the field of physical rehabilitation and is a discipline that examines how the body is affected by exercise. Demands placed on the body cause adaptation, which may be appropriate or compensatory depending on the patient's physical status. In this workshop, participants will learn how to utilize therapeutic exercise to identify dysfunction, determine extent of imbalances, and modify the current exercise regime to achieve basic goals in rehabilitation including tissue healing, reconditioning, and strengthening.

Learning Objectives

- Participants will learn compensatory responses to common joint disorders and their supportive structures (e.g. Stifle - cranial cruciate ligament and potential inappropriate response of both contra and ipsilateral limbs/muscle groups)
- Case studies will help participants develop skills to assess, modify, and treat compensatory issues
- Participants will learn various therapeutic exercises to aid in identifying appropriate posture versus postural imbalances
- Therapeutic exercise techniques will be discussed and demonstrated for specific conditions/disorders to determine if compensatory issues exist
- Participants will practice both visual and palpation skills in identifying and understanding how to treat compensatory issues
- Take Home Message: Participants will practice therapeutic exercises and modification of current home exercise programs based on compensatory issue findings - These skills can be developed and instituted in participants' own veterinary practice and will benefit the patients and improve the treatment team

Course Outline

Lecture

- Briefly discuss muscle structure and function, tissue injury, and disuse or immobilization
- Information will be provided to help generate a protocol to identify and address disorder and dysfunction - protocol includes: owner history, appropriate intake forms, and assessment of posture and gait analysis utilizing non-technical equipment and therapeutic exercises
- Turning common therapeutic exercises aimed to stretch, strengthen, and balance the patient into ways of analyzing compensatory imbalances and disorders
- Case study review: develop skills and understand exercise techniques used for assessment and treatment plan development

Lab

- Assessment of patient condition including primary diagnosis using both visual and palpation skills
- Subjective analysis of patients using therapeutic exercise in treating dysfunction of primary diagnosis
- Use of same therapeutic exercise to identify compensation
- Altering and adding therapeutic exercise to treat compensatory issues

SYMPOSIUM WORKSHOP DESCRIPTIONS

Home Care and Management of Geriatric and Disabled Dogs

Day/Time: Friday, 8:30am-12:45pm

Instructor: Leilani Alvarez, DVM, DACVSMR, CVA, CCRT, CVCHM

Course Description: This course will provide practical solutions to everyday geriatric problems including hindlimb weakness, urinary and fecal incontinence, bedsores, paw care, assistive devices, and review of nutraceuticals and pain management medications.

Learning Objectives

- Understand geriatric biology and physiology
- Develop a home care plan for specific conditions that commonly affect geriatric and disabled dogs
- Develop effective therapeutic exercises that are simple and maximize owner compliance
- Understand assistive devices: how to choose them, measure appropriately, and improve fitting
- Learn latest advancements in nutraceuticals and practical tips for dosing medications in geriatric dogs

Course Outline

Lecture

- Geriatric biology and physiology and how this affects disease presentation and pharmaceutical dosing
- Common geriatric conditions faced by rehab practitioners
- Home care plan to address specific conditions
- Therapeutic exercises that work and maximize compliance
- Review of assistive devices currently on the market - how to choose the best one for specific conditions
- Review of latest advancements in nutraceuticals and practical tips for dosing medications safely and effectively

Lab

- Review therapeutic exercises on live animals that address hindlimb weakness, and urinary and fecal incontinence
- Practice manicures and pedicures to improve traction and stability
- Practical tools for addressing bed sores, urine scald, and other complications due to prolonged recumbency
- Practice measuring for: Eddie's Wheels, Walking Wheels, K9 carts, Dog Legg's devices
- Practice placing Toe Grips for maximum efficacy and durability

SYMPOSIUM WORKSHOP DESCRIPTIONS

Localization of Pain and Dysfunction

Day(s)/Time(s): Friday, 8:30am-12:45pm OR Saturday, 8:30am-12:45pm

Instructor: Rick Wall, DVM, DACVSMR, CCRP, CMTPT

Course Description: The veterinary rehabilitation practitioner must be able to identify and localize pain and dysfunction in their patients in order to prepare a proper therapeutic plan. This process requires the development of observational skills and palpation/manipulation skills in addition to a clear understanding of the many different conditions that affect patients. In this lab, we will identify (via video and live dog demonstrations), gait patterns often seen with neurologic and orthopedic conditions in dogs. Examination techniques will be discussed and practiced to assist in finding the problem areas. Specific examination techniques will be highlighted for some of the more common conditions that rehabilitation practitioners may encounter. Many of these conditions and/or complications present without a structural lesion that is identified via imaging modalities. This makes the use of our eyes and hands so important in the localization of pain and dysfunction!

Course Outline

Lecture

- Opening comments – The importance of localization of pain and dysfunction
- Taking a good clinical history
 - Chronic pain
 - Neurologic patient
 - Orthopedic patient
 - Sports Medicine
- Observing movement
 - Assessment of gait
 - Neurologic vs. Lameness
 - Video assessment
 - Interactive video presentation
 - Thoracic limb lameness
 - Pelvic limb lameness
 - Ataxia

Lab

- Physical Examination
 - Systematic assessment
 - Neurologic examination - Texas Spinal Cord Injury Scale
 - Orthopedic examination
 - Pain examination
 - Myofascial examination
 - Strength assessment
- Specific Conditions
 - Supraspinatus and Biceps Tendinopathy
 - Medial Shoulder Syndrome
 - Latissimus Dorsi/Teres Major
 - Iliopsoas
 - Cranial Cruciate Ligament Disease
 - Degenerative Lumbosacral Stenosis
 - Myalgia
 - Myofascial Pain and Dysfunction
 - Muscle patterns in pain and dysfunction
- Pain and Dysfunction in Rehabilitation patients

SYMPOSIUM WORKSHOP DESCRIPTIONS

Evaluation and Application of Select Manual Therapy Techniques for Cervical Spine Dysfunction

Day/Time: Friday, 2:15pm – 6:30pm

Instructors: Ria Acciani, MPT, CCRP

Course Description: Joint Mobilization is a skilled manual therapy technique commonly utilized in the practice of human physical therapy. The success of this intervention has led many physical therapists that treat canine clients to incorporate it as a therapeutic approach to restore normal joint integrity. The purpose of joint mobilization is to restore normal passive and active range of motion, accelerate healing, and reduce pain. The cervical spine in the canine is composed of multiple facet joint articulations, allowing for specific movement patterns and range of motion. Dysfunction to one or more of these joints may lead to abnormal signs and symptoms where use of joint mobilization is indicated. Facet joint dysfunction and resulting pain occurs frequently in the canine client and is often identified as clinically significant by rehab practitioners. This course will explore the intricacies of both normal and abnormal anatomy, joint biomechanics, and movement patterns of the canine cervical spine. Additionally, participants will critically analyze comprehensive case studies highlighting a variety of common injuries, movement dysfunctions, and differential diagnoses related to the canine client. Course content will be enhanced through the use of live dog laboratory activities emphasizing a variety of manual therapy treatment interventions.

Learning Objectives: Upon completion of the course, the participant will be able to:

- Identify between normal and abnormal canine cervical anatomy and arthrokinematics
- Evaluate and assess a variety of biomechanical movement patterns of the canine cervical spine and differentiate between normal and abnormal motions
- Select and apply a variety of manual therapy techniques to the canine cervical spine including appropriate dosing of frequency, duration, and grade of movements
- Critically evaluate the canine client with a focus on differential diagnoses, indications and contraindications, and determination of appropriate manual therapy interventions to restore normal function
- Select and apply additional hands-on techniques to the canine cervical spine including manual traction and neural glides

Course Outline

Lecture

- Cervical spine movement and mechanics
- Joint mobilization effects both neurophysiologically and mechanically
- Review and assess joint arthrokinematics, treatment options, techniques and interventions, and determine appropriate frequency/duration (dose)

Lab

- Assessment of normal and abnormal biomechanical motion of the cervical spine and select specific joint mobs for treatment
- Canine cervical manual assessment, select joint mobilization techniques including indications/contraindications
- Additional treatment techniques; cervical traction, neural glides
- Questions and Answers
- Wrap up

SYMPOSIUM WORKSHOP DESCRIPTIONS

Therapeutic Exercise for Senior and Obese Dogs

Day(s)/Time(s): Friday, 2:15pm – 6:30pm OR Saturday, 2:15pm – 6:30pm

Instructor: Jean Pavlakos, PT, CCRP

Course Description: Senior and overweight dogs have a unique set of clinical signs and symptoms that require specific strategies in implementing an exercise program. This course looks at factors that influence these two groups and how to design an age/weight appropriate exercise program for individual patients.

Learning Objectives

- Participant will have a good understanding of the patient profile specific to the senior/overweight dog
- Participant will be able to identify all factors affecting the senior/overweight dogs' current QOL
- Participant will be able to design a patient specific exercise program for the senior/overweight dog

Course Outline

Lecture

- Definitions – “Senior” and “Obese”
- Changes with age / obesity
- Decreased cognitive function
- Conditions caused or complicated by obesity
- Diseases that affect age/weight related changes
- Medications that affect age/weight related changes
- Functional Evaluation
 - History
 - Observation
 - Palpation, ROM, Strength, Positions/Transitions
 - Goals
 - Seniors
 - Weight-challenged
- Designing the optimal exercise program
 - Exercise goals
 - Designing a patient/owner-specific exercise program
 - How to increase, adapt, change exercises and strategies
- HEP: (KISS - Keep It Small and Simple)
- Case Studies

Lab

- Neuromuscular - reaction time
- Sit to stand (stay in close)
- Core
- Lateral movement
- Cavalettis
- Balance – cookies – head up/down and S/S (can use disc, fitbone)
- Retro: lumbar mobilization/hamstring (biceps femoris) and glute strength/ proprioception/ balance
- Stretching – scapula, limbs x4, chest lifts

SYMPOSIUM WORKSHOP DESCRIPTIONS

Case-Based Orthopedic Assessment and Treatment Strategies

Day/Time: Friday, 2:15pm – 6:30pm

Instructor: Felix Duerr, Dr. Med. Vet., MS, DACVS-SA, DECVS, DACVSMR, CCRT

Course Description: This workshop starts with a lecture of the most common orthopedic diseases and how to perform gait analysis and an orthopedic exam. Then, we will provide 'real-life' clinical experience using canine volunteers with clinical problems to demonstrate lameness examination, orthopedic/sports medicine examination, and evaluation of diagnostic tests to develop a treatment plan. We will attempt to choose dogs with an established diagnosis and provide videos of lameness in their natural environment and the diagnostic tests performed. We will then evaluate each dog and discuss the diagnostic tests provided. Lastly, we will determine the different treatment strategies and discuss pros/cons of each. There will be hands-on opportunity to perform gait analysis and to optimize the participant's orthopedic examination skills.

Learning Objectives

- Re-emphasize the key features of commonly encountered musculoskeletal injuries
- Enhance the participant's lameness examination skills
- Enhance the participant's physical examination skills
- Enhance the participant's radiographic interpretation skills
- Enhance the participant's decision-making skills for selection of the appropriate treatment for commonly encountered diseases (selected based on the patient's diagnoses)

Course Outline

Lecture

- Overview of commonly encountered musculoskeletal diseases with an emphasis on key diagnostic features and state-of-the art treatment options
 - Stifle
 - Elbow
 - Shoulder
 - Hip
 - Tarsal and carpal pathologies
 - Muscle and tendon injuries
- Emphasis on 'key features' of diseases in combination with the examination findings

Lab

- Demonstration of approach to physical examination
- Participant examination of canine volunteers without prior knowledge of pathologies
- Discussion of each canine volunteer
 - Review exam findings
 - Review treatment selected
 - Discuss further recommended
 - Re-evaluate if discrepancies are observed

Creating your Marketing Plan

Day/Time: Friday, 2:15pm – 6:30pm

Instructor: Laurie Edge-Hughes, BScPT, M.Anim.St. (Animal Physio), CAFCI, CCRT

Course Description: This workshop is designed to provide participants with some fundamental knowledge in marketing. Marketing is a necessity if you want your animal rehab business to thrive and grow. However, as professionals in healthcare, we have little to no formal training in business and marketing, and subsequently make poor (if any) marketing choices to help sustain our businesses. Worse yet, many of us were taught or given the impression that marketing is bad, slimy, or unprofessional. This mindset hampers a professional's ability to succeed in business. This presentation will highlight marketing mindsets, marketing strategies, marketing tactics, and fundamentals in market messaging.

SYMPOSIUM WORKSHOP DESCRIPTIONS

Creating your Marketing Plan - *continued*

Learning Objectives

- Participants will be able to identify the importance of adopting a healthy marketing mindset
- Participants will understand the need to select a target market for their marketing strategies
- Participants will be able to identify marketing strategies that could be implemented immediately and how they differ from 'tactics'
- Participants will understand the concept of a 'sales funnel' and 'container' and how they tie into a marketing strategy
- Participants will create a direct marketing plan / promotion / campaign
- Participants will create a vet clinic / practitioner marketing strategy

Course Outline

Lecture

- The marketing mindset
- Your target market and your USP (Unique Sales Position)
- Marketing strategies
- The sales funnel and container

Break-Out Sessions

- Create a 3-step Direct Marketing Campaign
- Create a Multi-step Vet Clinic Marketing Campaign
- As time permits: Smaller group sessions to brainstorm other marketing strategies (i.e.. Hub Marketing, Facebook Marketing, etc.), or discuss successes / failures or a dissection of an existing marketing campaign by a willing volunteer, or view and critique one of MY marketing campaigns

Case After Case – Live Cases to Work Through and Learn From

Day/Time: Saturday, 8:30am-12:45pm

Instructor: Laurie Edge-Hughes, BScPT, M.Anim.St. (Animal Physio), CAFCI, CCRT

Course Description: This workshop is designed to provide participants with an opportunity to problem-solve through real live cases. (You see, there is no such thing as a normal dog! We can find something on just about any canine!) Participants will be able assess multiple canine volunteers and develop treatment plans. This class can go any direction (participants' choice) and cover small or large topics as desired.

Learning Objectives

- Participants will have the opportunity to enhance their deductive reasoning skills with regard to assessment and treatment planning
- Participants will engage in an assessment algorithm to make a physical diagnosis / functional diagnosis in the rehab patient
- Participants will learn how to create and structure a treatment plan
- Participants will have the opportunity to direct their own learning and choose topics they would like to learn more about

Course Outline

Lecture

- The physical therapy assessment
- Case studies
- Identifying problems, goal setting, and treatment planning

Lab

- Assessment and treatment planning for 'live cases'
- And more live cases
- And more live cases
- Participant case presentation and group brain-storming
- Student-directed learning - pick the topic! (e.g., vestibular rehab, therapeutic exercise, manual triggerpoint release)

SYMPOSIUM WORKSHOP DESCRIPTIONS

Transverse Friction for Tendon and Ligament Injuries

Day/Time: Saturday, 8:30am-12:45pm OR 2:15pm-6:30pm

Instructor: Denise Theobald, LMT, CVMRT, NCCMT

Course Description: In this workshop, students will discover some theoretical and practical features of Cyriax transverse or deep cross-fiber friction massage techniques. Deep transverse friction initiates a multitude of effects: it creates hyperemia, which helps to evacuate pain-triggering metabolites; it promotes movement of the affected structure, which prevents or destroys adhesions and helps to optimize the quality of the scar tissue (tensile strength); it stimulates mechanoreceptors, which produce a quantity of afferent impulses that, in turn, produce a temporary analgesia when mobilization exercises are incorporated. Deep transverse friction also creates a controlled inflammatory response, promoting healing in tissues with low vascularity, such as tendons, ligaments, aponeuroses, and fascial networks. This form of soft tissue manipulation improves connective tissue mobility, breaks down and realigns scar tissue, and deactivates myofascial trigger points in ligaments and periosteum attachments of tendons.

Learning Objectives

- Students will learn the basics of injury, and tissue repair and remodeling through soft tissue mobilization including working with acute vs. chronic applications
- Students will review the general anatomy of commonly affected palpable structures
- Students will learn the anatomical and physiological response of cross-fiber/transverse friction techniques on various soft tissue structures
- Students will learn how to apply cross-fiber/transverse friction techniques for commonly affected structures
- Students will learn about follow-up care and utilizing XFF protocols in a rehabilitation treatment plan

Course Outline

Lecture

- Deep transverse friction overview
- Physiology of tissue repair
- Palpating for lesions
- Theory and demo of cross-fiber application

Lab

- Application of cross-fiber friction for:
 - Muscle injury
 - Tendon injury
 - Ligament injury
 - Fascial binding
 - Common injuries and applications
 - Follow up protocols in a rehabilitation treatment plan

SYMPOSIUM WORKSHOP DESCRIPTIONS

Watch your Step! Diagnostics and Treatment Plans for Lower Limb Disorders – A Practical Approach

Day/Time(s): Saturday, 8:30am-12:45pm OR 2:15pm-6:30pm

Instructor: Julia Tomlinson BVSc PhD, AVCS, CCRP, CVSMT, DACVSMR

Workshop Description: The lecture time will cover physical injuries to the carpus, tarsus, and digits, and the lab will cover palpation and measurements for diagnosis along with treatment in a practical clinical setting. Medical treatments will be principally covered including use of external supports – tips on measuring for braces and orthoses, choice of external support, taping techniques, modalities, manual therapies, and therapeutic exercises. Surgical treatments will be mentioned when applicable. Cases will be presented and discussed.

Learning Objectives

- Participants will learn how to identify the most common injuries and disorders of the carpus, tarsus, and digits
- Participants will learn tips for assessing the level of dysfunction including palpation and objective measurements
- Participants will learn how to choose a therapeutic approach for these cases based on the level of dysfunction
- Participants will be familiarized with different options for external support – taping, bracing, orthoses
- Participants will learn tips for choosing and measuring for external support
- Participants will learn taping techniques for toe injuries
- Participants will follow cases from diagnosis to completion
- ❖ **Participants may submit pictures and videos in advance.**

Course Outline

Lecture

- Review of the anatomy of the carpus, tarsus, and digits
- Common disorders and injuries
- Therapeutic approach including case studies

Lab

- Physical assessment and measurements using slow motion video capture to aid diagnosis
- Analysis using volunteer dogs, and case studies
- ❖ **participants should email drjulia@tcrehab.com footage of cases**
- Interactive discussion of cases including treatment approach
- Putting it all together - formulating a comprehensive care plan
- Practical therapeutic techniques to apply support and stimulate healing
- Therapeutic exercises
- Analysis of outcomes
 - How much can the patient do?
 - When to progress the case to the next

SYMPOSIUM WORKSHOP DESCRIPTIONS

Medical Acupuncture: Selection and Treatment of Acupoints for the Non-Needling Practitioner

Day/Time: Saturday, 2:15pm-6:30pm

Instructor: Laurie Edge-Hughes, BScPT, MAnimSt (Animal Physio), CAFCI, CCRT

Course Description: This workshop is designed to provide participants with the background theory of anatomical / westernized acupuncture and knowledge to confidently select appropriate points for each joint / region of the canine musculoskeletal system. Methods for acupoint stimulation (massage, laser, ultrasound, TENS, and microcurrent) will be highlighted.

Learning Objectives

- Participants will gain a basic understanding of the anatomical / westernized approach to acupuncture
- Participants will be able to identify key acupoints for each joint or musculoskeletal region
- Participants will be instructed in palpation of acupoints
- Participants will understand of how to stimulate acupoints without needling

Course Outline

Lecture

- Background theory for acupuncture
 - History of acupuncture
 - Brief discussion on traditional Chinese medicine's approach to acupuncture
 - Anatomical / Westernize acupuncture background
 - What are acupoints?
 - Direct stimulation / Indirect stimulation
 - Acupuncture analgesia
 - Autonomic effects, local effects
 - Acupoint selection

Lab

- Palpating for acupoints – forelimb and neck
 - Finding points
 - Selecting points for the joint / region
 - Local & distal
 - Sympathetic / Parasympathetic switches
- Palpating for acupoints – hind limb and back
 - Finding points
 - Selecting points for the joint / region
 - Local & distal
 - Sympathetic / Parasympathetic
- Stimulation of points
 - Manual stimulation
 - Stimulation with modalities
 - Laser, ultrasound, TENS, Microcurrent

★ STARR ★ AARV LECTURE DESCRIPTIONS

● **Using Shock Wave and Other Modalities for Adjunct Pain Management**

Day/Time: Saturday, 8:30am-9:30am

Instructor: Cara Blake, DVM, DAVCS-SA, CCRT

Description: This lecture will include a review of pain pathways. The mechanism of action of modalities such as extracorporeal shockwave treatment, low-level laser therapy, therapeutic ultrasound, and transcutaneous nerve stimulation will be reviewed. Incorporating these modalities in the treatment of acute and chronic pain management will be discussed.

● **Novel Therapeutics in Pain Management**

Day/Time(s): Saturday, 9:35am-10:35am OR 2:15pm-3:15pm

Instructor: Cara Blake, DVM, DAVCS-SA, CCRT

Description: This lecture will include a brief review of the pharmacologic medications historically utilized for multimodal pain management. Novel therapeutics that have been recently introduced such as Galliprant, Simbadol, Recuyra, and Ranevetmab will be discussed.

● **When to Choose Surgery as a Tool for Managing Pain in Patients with Musculoskeletal Disease**

Day/Time(s): Saturday, 10:40am-11:40am OR 4:25pm-5:25pm

Instructor: Felix Duerr, Dr. Med. Vet., MS, DACVS, DACVSMR, CCRT

Description: Addressing pain and discomfort in patients with musculoskeletal disease can be very challenging. Frequently, a plethora of treatment options are available and at times may include surgical treatment options. When considering any treatment option, but particularly invasive treatment options such as surgery, the benefits and potential adverse events of this intervention have to be balanced carefully. This lecture will outline the pros and cons of surgical intervention for common musculoskeletal injuries including juvenile and adult coxofemoral disease, cruciate disease, elbow dysplasia and selected muscle and tendon injuries. These examples will demonstrate to the participant how to use evidence-based medicine in advising clients how to select the right treatment for their pet.

● **Pain in Geriatric Patients: Safely and Effectively Manage Pain in Older Dogs**

Day/Time(s): Saturday, 11:45am-12:45pm OR 5:30pm-6:30pm

Instructor: Leilani Alvarez, DVM, DACVSMR, CVA, CCRT, CVCHM

Description: Basic review of pain pathways as related to geriatric dogs.

Review of pain pharmaceuticals-which should you choose, at what dose and frequency.

Review of adjunctive nutraceuticals, acupuncture and rehabilitation for assisting in pain management of geriatric dogs.

● **Localizing Pain**

Day/Time: Saturday, 3:20pm-4:20pm

Instructor: Rick Wall, DVM, DACVSMR, CCRP, CMTPT

Description: The veterinary practitioner must be able to identify and localize pain and dysfunction in order to prepare a proper therapeutic plan. This process requires the development of observational skills and palpation/manipulation skills. Examination techniques will be discussed for some of the more common conditions, many of which present without a structural lesion that is identified via imaging modalities. This makes the use of our eyes and hands so important in the localization of pain and dysfunction!

● **Treat the Pain and Heal the Patient (*sponsored by Companion*)**

Day/Time: Saturday, 8:30am-10:30am **Presentation Style:** Lecture

Instructors: Lisa Miller, DVM, CCRT, CVA and Evelyn Orenbuch, DVM, DACVSMR

Description: This very enlightening session reviews the latest science and research in treatment and assessment modalities including laser therapy and regenerative medicine. The practical, everyday application of photobiomodulation (laser), stem cells, platelet-rich plasma, hydrotherapy, and cold compression are included. The highlight of the presentation is a look at representative clinical cases submitted from practices around the world.

● **Canine Bracing: Biomechanics and Casting Workshop (*Sponsored by Hero Braces*)**

Day/Time: Saturday, 10:45am-12:45pm **Presentation Style:** Lecture and Interactive Lab

Instructor: Ben Blecha, CPO

Description: Effective outcomes in bracing begin with understanding simple biomechanical principles. Mastery of casting techniques greatly reduces skin breakdown and helps dogs play again. This workshop will work with live animals to help you build a strong foundation to implement bracing into your practice. Help the dogs that cannot have surgery due to circumstances beyond our control with bracing.

● **Integrating “Eddie’s Wheels” Mobility Carts and Land-Based Rehab Systems into your Practice (*Sponsored by Eddie’s Wheels*)**

Day/Time: Saturday, 2:15pm-4:15pm **Presentation Style:** Lecture and Interactive Lab

Instructors: Leslie Grinnell, President, Eddie’s Wheels & Erika McElwey, EqCnTPM

Description: Eddie’s Wheels custom builds the most biomechanically sound pet wheelchairs on the market. Designed to support pets on their pelvic floor, they can compensate for increasing weakness or strengthening, making them a valuable tool for helping dogs achieve mobility. We will teach you to accurately assess, measure, and fit pets for Eddie’s Wheels. This will include rear and front wheel carts, walkers, and quad carts. We’ll include some tips on how to acclimate pets to using carts, making fine-tuning adjustments, and training dogs to use front wheel carts. We’ll do some hands-on measuring of disabled dogs using the right tools. We’ll be joined by Erika McElwey who has 16 years of experience working with Eddie’s Wheels carts in her practice. We’ll show you our adjustable therapy stand and how it can be used over a land treadmill to help rehabilitate neuro dogs without having to rely on water based systems. The therapy stand can also be used for bodywork, chiropractic and acupuncture. We’ll also demonstrate our adjustable clinic quad cart.

● **Therapeutic Laser: What is it, Why you Should Have One, and How to Use Yours Better! (*Sponsored by SpectraVET*)**

Day/Time: Saturday, 4:30pm-6:30pm **Presentation Style:** Lecture and Interactive Lab

Instructor: Peter Jenkins, MBA

Description: Whether you already have a laser, are looking to purchase one, or you just want to gain insight into this rapidly-growing field, this informational session will have something for you. Combining presented materials, participant discussion, and Q&A, we will cover a range of topics from the basic elements of a therapeutic laser to the scientific underpinnings and mechanisms of action, and parameters, dosimetry, and advanced techniques in clinical application. Although SpectraVET lasers will be used for illustration and demonstration purposes, the information presented will be broadly applicable to all popular therapeutic laser devices in clinical use.

★ S T A A R ★

SUNDAY ROUNDTABLE DESCRIPTIONS

● **Conservative Management of Canine Cruciate Ligament Deficiency**

Day/Time: Sunday, 9:00am-12:00pm **Presentation Style:** Discussion

Instructor: Laurie Edge-Hughes, BScPT, M.Anim.St., CAFCI, CCRT

Course Description: This discussion group will focus on the hot topic of non-surgical management of cruciate tears (both full and partial). There is an abundance of human literature that points to successful management of cruciate insufficiency without surgery, which can serve as the springboard to treatment planning and progress in the dog with cruciate disease. Many clients are looking for non-surgical options for their dog (due to financial constraints, age or health of the animal, or other non-descript reasons). What is YOUR plan to manage these clients and not lose them from your practice entirely?

● **Let's Talk Shockwave – with PiezoWave Vet Extracorporeal Shockwave Therapy Lab** (Sponsored by Musculoskeletal Therapies for Animals)

Day/Time: Sunday, 9:00am-12:00pm **Presentation Style:** Discussion and Interactive Lab

Instructor: Ria Acciani, MPT, CCRP

Course Description: During this roundtable discussion we will cover: What is Shockwave, mechanism of action for focal and radial applications, medical effects of Shockwave and duration, common indications for treatment, contraindications for use, therapy sequence and protocols, scientific research, and answer the most frequently asked questions about this modality.

● **Beyond Epley – Organizing Vestibular Disorder**

Day/Time: Sunday, 9:00am-12:00pm **Presentation Style:** Discussion

Instructor: Julia Tomlinson BVSc PhD, AVCS, CCRP, CVSMT, DACVSMR

Course Description: This round table discussion will explore management of those old, wobbly patients whose veterinary diagnosis falls under the term 'vestibular disorder'. We will discuss possible causes, practical therapies, and why vestibular rehabilitation is an area that we can expand and explore in veterinary rehabilitation. Adaptation of the epley maneuver from human to veterinary medicine by our guru, Laurie Edge-Hughes has taught us a technique to provide rapid relief for some cases. We will discuss the patients that do not respond, and other techniques that can help all of our 'vestibular' patients adapt to or overcome the abnormal balance and orientation messages from the central nervous system.

★ STARR ★ COURSE LEADERS



Ria Acciani, MPT, CCRP
Co-Owner
Advanced Canine Rehabilitation Center
Warren, New Jersey, US

Ria Acciani holds a graduate degree in Physical Therapy and is a licensed physical therapist (PT) with over 20 years experience in human therapy. She has specialized in canine rehabilitation for more than 14 years. Ria received her MPT degree from The University of St. Augustine, FL, and trained directly with Stanley V. Paris, PT, PhD, FAPTA. She received their CCRP from the University of TN and was the first PT in New Jersey to practice on dogs (2000). Along with her husband, David, also a licensed PT, she owns and operates *Advanced Canine Rehabilitation*, a practice that focuses on rehabilitation of performance and sporting dogs.

Ria and David travel extensively to many regional, national, and international dog competitions, and work with top-level competitors. Ria was selected as Official Therapist for the IFCS US Agility Team and traveled to Bristol, England with the Team in 2010. Both Ria and David returned to England with the Team in 2011, South Africa in 2012, Spain in 2013, and Hungary in 2014. Ria and David have also traveled with the AKC World Team to Luxembourg in 2014 and the WAO World Team in Italy and England. Additionally, they provide instructional seminars for handlers and their dogs on a variety of topics so they can educate handlers on how to prevent injury and enhance performance within their sport.

Ria and David worked closely with Dr. Sherman Canapp and the VOSM group to establish the rehabilitation protocol for various shoulder and elbow conditions, which is in current usage at VOSM and in their own practice. They have published articles in *Veterinary Surgery* and *Clean Run*, and have presented at the *International Rehabilitation Symposium* in 2008 and 2010. Topics included shoulder and elbow rehabilitation, and modalities use in rehabilitation. Ria and David have been core instructors at STARR since 2010. Ria also presented at the *Animal Rehabilitation SIG* for the APTA in Springfield, MA.

Ria and David continue to practice in Warren, NJ, and plan to expand in 2017. When not working with their clients, they spend time with their 3 children and 2 border collies.



Leilani Alvarez, DVM, DACVSMR, CVA, CCRT, CVCHM
Director
Integrative and Rehabilitative Medicine &
Tina Santi Flaherty Rehabilitation & Fitness Service
The Animal Medical Center
New York, New York, US

Dr. Leilani Alvarez is the head of the Animal Medical Center's Integrative and Rehabilitative Medicine Department and the Director of the Tina Santi Flaherty Rehabilitation & Fitness Service. She is a boarded diplomate of the American College of Veterinary Sports Medicine and Rehabilitation and certified in veterinary acupuncture, canine rehabilitation, and Chinese herbal medicine. In addition to running a busy rehabilitation practice, Dr. Alvarez is a frequent lecturer at local and national meetings, teaches interns and residents, and has published articles in peer reviewed journals and books.

Dr. Alvarez graduated summa cum laude from Emory University and magna cum laude from the University of Georgia College of Veterinary Medicine. She completed a rotating medicine and surgical internship at the Animal Medical Center and worked for many years in emergency and critical care medicine prior to specializing in integrative medicine.

COURSE LEADERS



Cara A. Blake, DVM, DACVS-SA, CCRT
Staff Surgeon
Massachusetts Veterinary Referral Hospital
Ethos Veterinary Health
Woburn, Massachusetts, US

After completing veterinary school at Ross University School of Veterinary Medicine, Dr. Blake completed a rotating internship in small animal medicine and surgery at Angell Animal Medical Center. She then went on to complete a small animal surgery residency in a joint program with Tufts University Cummings School of Veterinary Medicine and the Angell Animal Medical Center. In 2014, she became certified in Canine Rehabilitation through the Canine Rehabilitation Institute.

Prior to veterinary school, she worked in the biopharmaceutical field evaluating and developing novel therapeutics for orthopedic indications. She worked as an Assistant Professor in Small Animal Surgery at the University of Pennsylvania School of Veterinary Medicine and is currently a staff surgeon at Massachusetts Referral Veterinary Hospital. Her areas of interest include fracture management, angular limb deformities, minimally invasive surgery, osteoarthritis, rehabilitative therapy and pain management.



Melissa (Lis) Conarton, BS, LVT, CCRP, CVPP
Director
Physical Rehabilitation Service
Veterinary Medical Center of Central New York (CNY)
East Syracuse, New York, US

Lis Conarton graduated from Ithaca College with a bachelor degree in Biology, and began working at the Veterinary Medical Center of Central New York in 2003 as a surgical assistant. With an active interest in physical rehabilitation, Lis went on to complete her LVT education and licensing requirements, and then her Canine Rehabilitation certification from University of Tennessee. She became a Certified Canine Rehabilitation Practitioner in 2009. She is also certified through the International Veterinary Academy of Pain Management as a Veterinary Pain Practitioner, and has become an influential voice for the care and comfort of companion animals in the Central New York area.

To date, Lis has completed over 600 hours of continuing education with a focus on veterinary physical rehabilitation and pain management. She has received special training in Canine Myofascial Trigger Point Therapy through Myopain Seminars and is a contributing author in a textbook on myofascial trigger points. She also lectures regularly at continuing education seminars on Physical Rehabilitation and Pain Management.

Lis developed the Physical Rehabilitation Service at the Veterinary Medical Center of CNY. In 2010, she initiated the Pain Management Service helping to establish the Veterinary Medical Center of CNY as the leader in Pain Management and Physical Rehabilitation in the Central New York region. She is on the organizing committee and serves as the director of finance for the Academy of Physical Rehabilitation Veterinary Technicians (APRVT; proposed). In her free time, Lis enjoys outdoor activities with her family, and spending quality time with her own rehabbies (her kitty "Earl" and horse "Whiskey").

COURSE LEADERS



Felix Duerr, Dr. Med Vet, MS, DACVS-SA, DECVS, DACVSMR, CCRT
Department of Clinical Sciences, Colorado State University
Veterinary Teaching Hospital
Fort Collins, Colorado, US

Dr. Duerr earned his veterinary degree in Germany at the Veterinary School in Hannover in Northern Germany. After two internships in Canada at the Western College of Veterinary Medicine in Saskatoon, SK, he completed his surgical residency/master's program at Colorado State University in Fort Collins, Colo. Dr. Duerr obtained diplomate status with the American College of Veterinary Surgeons (ACVS) and the European College of Veterinary Surgeons (ECVS) in 2008, and with the American College of Veterinary Sports Medicine and Rehabilitation (ACVSMR) in 2012. Dr. Duerr is also certified with the Canine Rehabilitation Institute. He worked in private practice for four years prior to joining Colorado State University in 2011 to oversee CSU's Small Animal Sports Medicine and Rehabilitation program.

Dr. Duerr's research focus is clinical studies aimed at improving animal health and quality of life related to musculoskeletal problems with a particular interest in injury prevention and osteoarthritis. His clinical interests include sports medicine and rehabilitation, arthritis, orthotics and prosthetics, cranial cruciate ligament injury, hip dysplasia, elbow dysplasia, and minimally invasive surgery (arthroscopy). Current research projects include the development and evaluation of new treatment options for arthritis and the development of novel gait analysis and other techniques used to objectively measure outcome in clinical trials and the investigation of techniques to enhance bone and tendon healing. Dr. Duerr's goal is to provide evidence-based guidelines for the treatment and prevention of common small animal injuries with translational application for human musculoskeletal disease



Laurie Edge-Hughes, BScPT, MAnimSt (Animal Physio), CAFCI, CCRT
Co-Owner
The Canine Fitness Centre Ltd.
Calgary, Alberta, Canada

Laurie Edge-Hughes obtained her Bachelor of Science in Physical Therapy from the University of Alberta in 1993 and has since focused her post-graduate training on orthopedics, osteopathy, acupuncture, and animal rehabilitation. Additionally, she completed her Master of Animal Studies in Animal Physiotherapy through the University of Queensland (Australia) in 2006.

Laurie has the honor of having taught the first canine physiotherapy/physical therapy courses in Canada (1999), the USA (1999), and Australia (2001). She has been involved in the Animal Rehab Division since its inception in 1994 and teaches canine physiotherapy and rehabilitation courses for the Animal Rehab Division of the Canadian Physiotherapy Association (CPA). Additionally, she presently holds the position of Past-Chair & Advocacy Lead for the Animal Rehab Division of the CPA. She taught for ten years for the Canine Rehabilitation Institute in the USA, and lecturers internationally as often as able.

Laurie's biggest teaching venture is currently via www.FourLeg.com, an online educational platform for continuing education in canine rehabilitation / physiotherapy. Laurie co-owns and practices out of the Canine Fitness Centre Ltd (www.caninefitness.com) in Calgary, Alberta.

COURSE LEADERS



Sabine Hárrer, staat. Anerk. Human-Physiotherapeutin, MLD – MTT, int. anerk. MT (ifomt), Tier-Physiotherapeutin anerkannt durch den deutschen Verband für Physiotherapie – ZVK, Canine Osteopathin – Dozentin Manuelle Therapie (cmt) Owner, DogsPhysio Stephanskirchen, Germany

Born in Mannheim, Germany, Sabine Hárrer graduated with a Physiotherapy degree in 1988 (Worms, Germany) and spent the next 14 years working as a human physiotherapist in a variety of settings. She received additional training and certification in Manual Examination and Therapy, the Cyriax Method, the McKenzie Method, Medical Training Therapy, Manual Therapy including High Velocity Techniques (Orthopedic Manual Training), and Manual Lymphatic Drainage Therapy.

In 2006, Sabine started her private human physiotherapy practice in Chiemgau, Germany and continued her training in various techniques including Triggerpoint Therapy (Reto Zillig, München). Her love of animals and her own large, 4-legged household prompted her to pursue animal physiotherapy, and she became certified in 2007. That same year, she started her private animal physiotherapy practice, DogsPhysio, in Stephanskirchen, Germany. She became certified in Canine Osteopathy in 2010. Since 2006, Sabine has been teaching Canine Manual Therapy and Canine Neurodynamics throughout Europe.



Jean Pavlakos, BSPT, CCRP Director/Owner Our Hearts Canine Rehab Dayton, Ohio, US

Born in Port Chester NY, Jean attended the university of CT and earned her BS in Physical therapy in 1980. She practiced in all aspects of physical therapy with an emphasis in orthopedics and sports medicine. In 2006 she earned her CCRP from the University of Tennessee and has been the owner of Our Hearts Canine Rehab in Dayton, Ohio since 2005, where she currently resides with her 2 Labradors Patton and Bennie. Jean has been an assistant instructor for the spinal mobilization pre-conference workshop at STAAR since 2013. She published a book about her canine rehab journey in 2009, "Lessons from My Heart, Joe Joe, my personal gift from God", and was featured in the book "Successful Practitioners in Canine rehabilitation and Physiotherapy", by Laurie Edge-Hughes.



Denise Theobald, LMT, CVMRT, NCCMT Director/Owner Chicago School of Canine Massage Chicago, Illinois, US

Denise, a pioneer in the field of canine massage, is founder of and lead instructor at Chicago School of Canine Massage (CSCM). She has been a licensed human massage therapist, instructor and certified personal trainer in private practice for over 28 years. She has been with animals for over 19 years. She is nationally certified in human massage through NCBTMB, she holds national certification as a canine massage therapist through NBCAAM, and she is certified in Veterinary Massage and Rehabilitation Therapy. As a certified dog trainer canine behavior and low stress handling is a focus on her work as a canine body worker. As a massage staff instructor for Integrative Pet Care, a state of the art canine rehabilitation facility in Chicago, Denise now focuses on bringing various disciplines and advanced techniques of massage and bodywork to the rehabilitative community.

COURSE LEADERS



**Julia Tomlinson BVSc MS, PhD, CCRP, CVSMT, DACVS, DACVSMR
Owner**

***Twin Cities Animal Rehabilitation and Sports Medicine Clinic
Burnsville, Minnesota, US***

Dr. Julia Tomlinson earned her Veterinary Degree from the University of Liverpool, England in 1996. Her Masters degree in Diagnostic Imaging of the Equine Sacroiliac Joint is from the University of Minnesota and her PhD in Physiology is from North Carolina State University. She practiced in equine sports medicine and surgery prior to pursuing her interest in the canine field. She is board certified specialist in Veterinary Sports Medicine and Rehabilitation and a Veterinary Spinal Manipulative Therapist.

Dr. Tomlinson owns Twin Cities Animal Rehabilitation and Sports Medicine Clinic in Minnesota, a busy stand-alone practice. She lectures nationally and is a consultant in musculoskeletal wellness for the pet food industry.

Dr. Tomlinson is President of the American College of Veterinary Sports Medicine and Rehabilitation, the veterinary specialty college. She is passionate about education and is co-chair of the continuing education committee for the College along with mentoring candidates for the veterinary specialty. She founded the American Association of Rehabilitation Veterinarians (AARV) in 2007 and is a past president of that association. She is also a member of the Canine Sports Medicine Association and the International Veterinary Academy of Pain Management.

Dr. Tomlinson has particular interests in lower limb conditions, sports medicine, healthy aging, and management of chronic pain. She spoils her pets excessively, her family a little less...



Rick Wall, DVM, DACVSMR, CCRP, CMTPT

Owner, Animal Clinics of The Woodlands

***Owner, Center for Veterinary Pain Management and
Rehabilitation***

The Woodlands, Texas, US

Dr. Wall is a 1979 graduate of the Texas A&M College of Veterinary Medicine. He is the owner of Animal Clinics of The Woodlands, a multi-location practice located in The Woodlands, TX. Dr. Wall also owns the Center for Veterinary Pain Management and Rehabilitation. He is a Diplomate of the American College of Veterinary Sports Medicine and Rehabilitation and holds certifications in Canine Rehabilitation and Myofascial Trigger Point Therapy.

Dr. Wall has special interest in myofascial pain and dysfunction and how they affect the canine rehabilitation patient and athlete. Additionally, Dr. Wall is on the Executive Committee of the Texas Veterinary Medical Association.