Welcome

The Texas Physical Therapy Association invites you to the 2017 Annual Conference, October 26-29, 2017, at the American Bank Center in Corpus Christi, TX. The host hotel will be the Omni Corpus Christi.

This year’s conference will again focus on moving the profession of physical therapy forward in a dynamic health care environment. The conference will open with the Barbara Melzer Lecture series, and will continue with courses throughout Friday and Saturday, with additional programming available on Sunday morning. The conference will have a community service project, “TPTA CARES”, that will allow exhibitors and participants to join together in a meaningful experience in volunteerism.

HOTEL
OMNI CORPUS CHRISTI
900 N. Shoreline Blvd.
Corpus Christi, TX 78401
(361) 887-1600

CONVENTION CENTER
AMERICAN BANK CENTER
1901 N. Shoreline Blvd.
Corpus Christi, TX 78401

HOTEL ROOM BLOCK INFORMATION
Book over the Phone (800) 843-6664
Reference “TPTA Annual Conference 2017”
* Visit the link
* Enter your dates
* Enter the group code 14500814365

RATES*

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Self Parking $5
Valet Parking $22

*Rates include room tax and not included in rates are: Self Parking for $5, Valet Parking for $22.

 IMPORTANT DEADLINES
Sept. 8, 2017 - Early Registration Ends
Oct. 6, 2017 - Regular Registration Ends
Oct. 4, 2017 - Omni Room Block Rate Ends
October 26-29, 2017 - On-site Registration Available

BIG EVENTS
Friday, Oct. 27, 2017 - Texas Assembly
Saturday, Oct. 28, 2017 - Student Assembly
Friday, Oct. 27 & Saturday, Oct. 28 - Exhibit Hall Open from 11am-2pm

SCHEDULE AT-A-GLANCE

THURSDAY, OCTOBER 26, 2017
8:00 AM to 1:00PM Board of Directors Meeting
1:00 PM to 5:00 PM Consortium & Program Directors Meeting
5:30 PM to 7:30 PM Registration Open to Pre-Registered Attendees
No On-Site Registration
5:30 PM to 8:30 PM Tom Waugh Leadership Program - Orientation Meeting

FRIDAY, OCTOBER 27, 2017
7:00 AM to 3:00 PM Registration Open
8:00 AM to 10:00 AM Opening Session: Barb Melzer Keynote Lecture
8:00 AM to 1:30 PM On-Site Voting - Professionals
10:00 AM to 11:00 AM TPTA Awards Ceremony
11:00 AM to 2:00 PM Exhibit Hall & Lunch
1:00 PM to 4:00 PM Courses
4:00 PM to 7:00 PM TPTA Assembly

SATURDAY, OCTOBER 28, 2017
7:00 AM to 2:00 PM Registration Open
8:00 AM to 11:00 AM Courses
11:00 AM to 12:00 PM Research Poster Presentations
11:00 AM to 2:00 PM Exhibit Hall & Lunch
12:30 PM to 2:00 PM Student Assembly
2:00 PM to 6:30 PM Courses
4:30 PM to 6:30 PM Student Bowl

SUNDAY, OCTOBER 29, 2017
8:00 AM to 12:00 PM Courses

Room locations will be published on-site and available in the TPTA Annual Conference mobile app.
**THE BARB MELZER KEYNOTE LECTURE:**
**THE MOVEMENT SYSTEM: A NEW IDENTITY FOR PHYSICAL THERAPIST PRACTICE**

Course Level: All Levels | Course Type: Lecture
Speakers: Myla Quiben, PT, PhD, DPT; Janet Bezner, PT, DPT, PhD, FAPTA; Laura Wiggs, PT

The presentation will introduce the efforts of the APTA on promoting the movement system and how it relates to the identity of the physical therapist. The speakers will discuss the human movement system as central to physical therapist practice and examine the current state of practice. Examples of how the movement system has been applied in individuals with orthopedic and neurologic conditions will be presented. Potential implications of using movement system diagnostic labels on clinical practice, education, and research will be explored. We will review key discussions of the Movement System Summit and the action plans for implementation developed during the summit.

**FRIDAY COURSES (1:00 PM to 4:00 PM)**

**TRANSFORMING SOCIETY: OPTIMIZING THE INFANT AND CHILD MOVEMENT EXPERIENCE**

Course Level: All Levels | Course Type: Lecture
Speaker: Venita Lovelace-Chandler, PT, PhD

Therapists and assistants working in pediatrics follow APTA’s vision to transform society by optimizing movement and know the vision applies to the infant and young child who deserve the optimal movement experience. This course presents the latest findings related to the development of movement in the child, birth to two years, assessment strategies related to movement, and interventions for optimizing motor learning and minimizing movement dysfunction.

After completing this course, the participant will be able to:
* Review and describe typical movements observed in the infant and young child.
* Cite best practices related to assessment of movement in infants and young children.
* Support intervention strategies with published evidence.
* Identify specific articles published in recent years that are helpful to his/her practice setting.

**FRIDAY COURSES (1:00 PM to 4:00 PM)**

**PAYMENT AND PRACTICE PANEL**

Course Level: All Levels | Course Type: Lecture
Speakers: Representatives from Novitas, Texas Health & Human Services Commission, and Texas Division of Workers’ Compensation (invited)

This course is developed for physical therapists and physical therapist assistants. It will feature presentations from Medicare, Medicaid, and the Division of Workers’ Compensation key staff members. Each presenter will entertain questions posed by the Payment Policy and Practice Committees and TPTA attendees. The purpose of this course is to provide participants with a working knowledge of key payment and practice policies related to physical therapy and the ability to effectively locate these regulations and guidances.

After completing this course, the participant will be able to:
* Identify and discuss current trends and issues within the payment and practice areas of physical therapy.
* Articulate Medicare, Medicaid, and Texas Division of Workers’ Compensation key policies related to physical therapy practice.
* Learn how Medicare documentation, billing, and compliance issues influence third party payer’s policies.
* Explain how to locate key paper policies on each payer’s website.

**FRIDAY COURSES (1:00 PM to 4:00 PM)**

**BACK PAIN: SUPRAPHYSIOLOGIC LOADING AND RETURN TO SPORT**

Course Level: Professionals - All Levels | Course Type: Lecture and Lab
Speakers: Brian Duncan, PT, DPT; Dexter Upton, PT, DPT, FAAOMPT; Charlie Gremillion

Physical therapists are often challenged to facilitate a successful return to activity or return to sport in patients suffering from low back pain. Current literature suggests an integrated pain science approach but provides little guidance on a systematic approach for return to sport. This course will integrate recent research on spine biomechanics, supraphysiologic loading of the kinetic chain, and a phased approach to exercise dosage starting from a patient’s painful presentation in the clinic to return to sport.

After completing this course, the participant will be able to:
* Describe spine biomechanics.
* Identify gaps in current literature regarding return to sport following an episode of low back pain.
* Apply concepts in a systematic manner to facilitate return to activity/sport.
FACTORS WHICH INFLUENCE MOTOR LEARNING: MERGING PSYCHOLOGICAL AND MOVEMENT SCIENCE EVIDENCE INTO PRACTICE

Course Level: Student - Final Year; Professional - Intermediate | Course Type: Lecture
Speaker: Jill Seale, PT, PhD

Rehabilitation professionals have long known that factors such as practice and feedback can impact motor learning in our patients, and that how we manipulate these factors can either facilitate or obstruct motor learning. Likewise, there is fairly widespread understanding of how dynamics such as intensity of practice impact motor learning and neuroplasticity. More recent research has elucidated the influence of psychological contribution to the optimization of motor learning. This course will focus on cognitive, motivational, and attentional variables, and how these may be utilized in the traditional motor learning paradigm to improve outcomes in rehabilitation.

After completing this course, the participant will be able to:

* Identify the psychological and/or cognitive variables that impact motor learning, including autonomy support, attentional focus, and expectancies.
* Examine the active ingredients necessary for effective practice in persons with neurological injury, with focus on the perspectives of cognitive, psychological, and social sciences.
* Appraise evidence-based models which integrate contemporary principles of motor learning, including the psychological and cognitive factors.

PSYCHOLOGICAL AND MOVEMENT SCIENCE EVIDENCE INTO PRACTICE

Course Level: Student - Second Year and Final Year; Professional - All Levels | Course Type: Lecture
Speakers: Amanda Stukey, PT, DPT; Alan Littenberg, PT, DPT

After completing this course, the participant will be able to:

* Associate certain physical therapy interventions with specific diagnosis in performing pelvic floor treatment.
* Analyze physical therapy interventions used in pelvic floor therapy.
* Identify the components of a pelvic floor examination/assessment.
* Define common medical diagnosis that are treated with pelvic floor physical therapy.

PELVIC FLOOR PHYSICAL THERAPY: TREATMENT PROCEDURES

Course Level: Student - Final Year; Professional - Beginner and Intermediate | Course Type: Lecture
Speakers: Donna Carver, PT

The purpose of this course is to advance therapists’ understanding in some common field exercise tests. It is important for a therapist to assess an individual’s exercise capacity, which can serve as the basis of exercise prescription in acute care, outpatient, home care, and community settings. Field exercise tests are easy to administer and generally do not need much equipment. However, it is important to properly administer a field test. If it is not administered properly, it cannot serve as a valid outcome tool. This course will review the protocols of some common field exercise tests, including the 6-Minute Walk Test (6MWT), Incremental Shuttle Walk Test (ISWT), Cooper 12-minute walk/run test, and the 1.5 mile run test. The advantages and disadvantages of these tests will be discussed. Furthermore, this course will relate the test results to energy expenditure in terms of METs (Metabolic Equivalents). The energy expenditure of common daily physical activities will be reviewed. Evidence on these field exercise tests in different populations will be discussed.

After completing this course, the participant will be able to:

* Understand the evidence-based protocols of the following field exercise tests: 6MWT, ISWT, Cooper’s walk/run test, and 1.5 mile run test.
* Describe the advantages and disadvantages of each of the above field exercise tests.
* Properly administer the protocols of each of the above field exercise tests.
* Interpret these field exercise tests in terms of energy expenditure and physiological responses.
* Classify client’s aerobic capacity in terms of age- and gender-appropriate percentiles.
* Predict whether a client will develop symptoms of exercise intolerance when performing certain physical activities.

APPLICATION OF COMMON FIELD EXERCISE TESTS IN PHYSICAL THERAPY PRACTICE

Course Level: Professional - Beginner | Course Type: Lecture and Lab
Speaker: Suh-Jen Lin, PT, PhD

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* Understand the evidence-based protocols of the following field exercise tests: 6MWT, ISWT, Cooper’s walk/run test, and 1.5 mile run test.
* Describe the advantages and disadvantages of each of the above field exercise tests.
* Properly administer the protocols of each of the above field exercise tests.
* Interpret these field exercise tests in terms of energy expenditure and physiological responses.
* Classify client’s aerobic capacity in terms of age- and gender-appropriate percentiles.
* Predict whether a client will develop symptoms of exercise intolerance when performing certain physical activities.
CERVICOGENIC DIZZINESS: A CONDITION OF SENSORY MISMATCH

Course Level: All Levels   |   Course Type: Lecture
Speaker: Angela Rich, PT, ScD

Cervicogenic dizziness (CGD) can result from acute trauma, chronic conditions and cervical muscular dysfunction. Sensations of altered orientation in space and disequilibrium are common complaints of individuals with CGD. Abnormal afferent input originating from the neck results in a sensory mismatch between the vestibular system, somatosensory system, visual afferents, and the expected sensory patterns. This course will provide an understanding of the physiological bases, potential origins, clinical presentation, assessment, and intervention of patients with cervicogenic dizziness.

After completing this course, the participant will be able to:
* Describe the physiological basis of cervicogenic dizziness (CGD).
* Compare and contrast the three potential origins of CGD.
* List the differential diagnoses.
* Describe the clinical presentation of CGD.
* Perform a clinical assessment of a patient with CGD.
* Perform and determine outcomes of screening tests for CGD.
* List the components and perform a progressive intervention plan for a patient with CGD.

FRIDAY COURSES (1:00 PM to 4:00 PM)

A PARADIGM SHIFT: RECONCILING PAIN, EXERCISE, AND MANUAL THERAPY FOR THE TREATMENT OF PAIN

Course Level: Student - All Levels; Professional - Beginner and Intermediate   |   Course Type: Lecture and Lab
Speakers: Marcos Lopez, PT, DPT; Jarod Hall, PT, DPT

This course will explain the history and evolution of our current understanding of pain including its clinical relevance and application of the modern pain neuroscience paradigm. It will elaborate on the importance of an updated approach to treat pain and describe the underlying physiological changes that are associated with persistent pain. An in-depth examination and explanation will be provided regarding the work of Keith Smart in relation to mechanistic-based classifications of musculoskeletal pain into nociceptive, peripheral neurogenic, and central sensitization categories. Review of the literature will highlight appropriate practice guidelines and recommendations for evaluation and treatment of each classification which will include diagnostic imaging correlation to pain, specific language usage with patients, the concept of thought viruses, pain neuroscience education, neurodynamics, graded motor imagery, and overall facilitating patient empowerment.

After completing this course, the participant will be able to:
* Develop working understanding on the history of pain and how we have gotten to where we are today.
* Demonstrate understanding of modern pain neuroscience and its implications on clinical practice.
* Interpret patients subjective and objective (signs and symptoms) presentation and be able to classify into primary classification as proposed by Keith Smart (nociceptive, peripheral neurogenic, and/or central sensitization pain classification).
* Perform a skilled physical therapy examination as it relates to determining psychosocial and biomechanical contributions to the patient’s pain experience.
* Understand strategies to decrease a patient’s perceived threat during evaluation and treatment.
* Develop skilled treatment plan to apply to each pain classification presentation including pain neuroscience education, exercise, manual therapy, neurodynamics, and graded motor imagery.
COURSES

SATURDAY COURSES (8:00 AM to 11:00 AM)

FALL PREVENTION: STRATEGIES AND TACTICS ACROSS THE LIFESPAN
Course Level: Professional - Intermediate  |  Course Type: Lecture and Lab
Speakers: Ann Newstead, PT, DPT, PhD; Jon Anderson, PT
Fall prevention strategies and tactics using a variety of case studies will be presented for aging adults with a variety of diagnoses. The course is expected to be interactive and promote critical thinking using a wide variety of case studies, videos, and hands-on laboratory practical experiences.
After completing this course, the participant will be able to:
* Explain the strategies related to fall prevention based on outcome measures.
* Identify tactics that can improve balance, postural control, and locomotion.
* Integrate research findings into the overall plan of care to improve balance, postural control, and prevent falls.
* Synthesize information related to fall prevention for a variety of patients using case studies.

PHYSICAL THERAPY FOR CHILDREN WITH CEREBRAL PALSY: EVIDENCE-BASED APPROACH
Course Level: Student - 2nd Year and Final Year; Professional - Beginner and Intermediate  |  Course Type: Lecture
Speaker: Yasser Salem, PT, PhD
Using the movement systems approach, this course will review the pathology, classification, and unique clinical presentation of cerebral palsy. This session will inform the participants of current research, advances in medical treatment, and discuss the role of physical therapists in the treatment of children with cerebral palsy. Rehabilitation emphasis will be on evaluation, treatment strategies, and case studies of children with cerebral palsy. Current level of evidence of the treatment will be discussed.
After completing this course, the participant will be able to:
* Describe the pathology and classification of cerebral palsy.
* Describe the unique clinical picture of children with cerebral palsy.
* Identify and describe various strategies for children with cerebral palsy.
* Identify interventions where evidence is available.
* Demonstrate and understanding for the principles of treatment of cerebral palsy.

TREATMENT OF SENSORY PROCESSING MODULATION
Course Level: Student - 2nd Year and Final Year; Professional - Beginner and Intermediate  |  Course Type: Lecture
Speaker: Rhonda Manning, PT, DPT
Sensory processing disorders (SPD) are growing more common with one in six having this diagnosis. Within the diagnosis of SPD, there is a great variability in the child's presentation. These differences can be classified in a variety of ways. Modulation disorders are one subset of SPD. This subset is particularly difficult to treat and understand. While many therapists have "sensory tools" in their toolbox, these tools do not produce consistent and predictable results. As a result, there is a lack of therapists trained to effectively treat children with this diagnosis. This course will inform practitioners of the pathology behind SPD, classification of sensory processing disorders focusing on modulation disorders, and provide a therapeutic framework for treatment of clients with SPD modulation disorders. Additionally, we will discuss the role of physical therapy within the larger treatment plan of children with sensory processing disorders.
After completing this course, the participant will be able to:
* Identify three behavioral indicators of modulation disorders.
* Classify a child's level of sensory dysfunction based on a case history (modulation, discrimination, or praxis).
* Develop and appropriate treatment plan based on the findings of an evaluation.
* Explain to a parent or colleague the pathology of sensory processing and modulation disorders.

PHYSICAL THERAPY FOR CHILDREN WITH CEREBRAL PALSY: EVIDENCE-BASED APPROACH
Course Level: Student - All Levels; Professional - Beginner and Intermediate  |  Course Type: Lecture
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* Describe the unique clinical picture of children with cerebral palsy.
* Identify and describe various strategies for children with cerebral palsy.
* Identify interventions where evidence is available.
* Demonstrate and understanding for the principles of treatment of cerebral palsy.

AGE-RELATED HYPERKYPHOSIS: CAUSES, CLINICAL IMPACT AND ASSESSMENT
Course Level: Student - All Levels; Professional - Beginner and Intermediate  |  Course Type: Lecture and Lab
Speakers: Lynne Hughes, PT, PhD; Rebecca Galloway, PT, PhD; Adrianna Laprea, PT, DPT; Rodney Welsh, PT, OTR, PhD
This course promotes the use of postural assessment in the clinical setting with an emphasis on the geriatric population. Using the ICF model, this course will challenge the physical therapist and physical therapist assistant to consider the multi-factor etiology of hyperkyphosis and inversely the impact of hyperkyphosis on multiple body systems. Both lecture and lab components will review clinically relevant assessment tools for posture and give the participant opportunity to practice the techniques. Discussion will include considerations for integrating posture assessment into clinical evaluation aimed at the patient interview and goal development.
After completing this course, the participant will be able to:
* Examine the concept of age-related hyperkyphosis and its causative factors.
* Discuss the multisystem health implications of hyperkyphosis using the ICF model.
* Interpret the evidence for postural assessment tools.
* Perform postural measurements including flexicurve, tragus to wall, and block test.
* Establish efficacious fall prevention programs.

TPTA ANNUAL CONFERENCE 2017
**COURSES**

**SATURDAY COURSES (8:00 AM to 11:00AM)**

**MANAGEMENT OF SHOULDER OSTEOARTHRITIS AND REHABILITATION GUIDELINES FOLLOWING ANATOMIC AND REVERSE TOTAL SHOULDER ARTHROPLASTY**

Course Level: All Levels  |  Course Type: Lecture  
Speakers: Ed Mulligan, PT, DPT, ATC; Maggie Bates, PT, DPT; Ryan McCarty, PT, DPT

In the past 15 years, the number of total shoulder arthroplasties (TSA) has increased dramatically, with more than 50,000 currently being performed per year, representing a 7-13% increase each year. The incidence of TSA surgery is rising at a faster rate than lower extremity joint replacements making this one of the most commonly performed operative procedures in the elderly population. However, the indications, complications, costs and outcomes are still being defined. As with any other joint replacement procedures, physical therapy is critical to improved patient outcomes pre and post-operatively. Yet the American Academy of Orthopedic Surgeons practice guideline is inconclusive on their recommendation for post-operative physical therapy. The purpose of this course is to discuss conservative management of patients with shoulder arthritis, present evidence-based post-operative rehabilitative guidelines of patients post-anatomic and reverse TSA, and make suggestions on specific issues for further rehabilitative research.

After completing this course, the participant will be able to:
* Explain the anatomy, pathology, and conservative management of patients with rotator cuff disease.
* Describe the differences between and indications for anatomical and reverse total shoulder arthroplasty (TSA) and the common patient population for each procedure.
* Develop non- and post-operative, best-evidence physical therapy management strategies for patients with glenohumeral osteoarthritis.

**TAKING THE RIGHT STEPS IN MANAGING KNEE OSTEOARTHRITIS: INTEGRATING BIOMECHANICAL RESEARCH AND CLINICAL PRACTICE**

Course Level: Student - 2nd Year and Final Year; Professional - All Levels  |  Course Type: Lecture  
Speaker: Annalisa Na, PT, PhD, DPT

Knee osteoarthritis (OA) is the leading cause of walking difficulty among aging adults. OA related walking difficulty can limit participation in recreational and social activities. Abnormal biomechanical movement strategies in patients with knee OA who self-report walking difficulty are identified in recent studies. This session will share the movement strategies that are used by those with knee OA and walking difficulty. Such altered movement strategies are clinically modifiable and improvement in movement control could enhance patient outcomes following targeted intervention. The purpose of this session is to disseminate new research findings on movement strategies and suggest associated interventions that focus on maximizing function in patients with knee OA. This session will review key specific performance indicators of functional mobility in knee OA, present novel biomechanical data on knee OA gait, and discuss the impact of these findings on clinical decision-making and management.

After completing this course, the participant will be able to:
* Conduct key performance-based tests associated with mobility and function deficits in patients with knee OA.
* Identify biomechanical movement strategies that are related to knee OA and walking difficulty.
* Discuss how to enhance mobility outcomes by targeting specific PT intervention strategies to biomechanical movement adaptations.

**MEDICAL SPANISH FOR THE ACUTE CARE SETTING**

Course Level: Student - All Levels; Professional - Beginner and Intermediate  |  Course Type: Lecture and Lab  
Speakers: Suzy Okere, PT, PhD, ATC; Patricia Hill, PT; Damian Rodriguez

This course will identify the challenges encountered when language barriers exist between therapists who speak English and patients who speak Spanish. Solutions to these challenges will be presented. The impact of language barriers on the clinical experience will be discussed using students’ experiences on clinical rotations as a guide. The course will emphasize practicing Spanish language skills for the acute care setting including greetings/introductions, common objects in the hospital room, commands for basic range of motion/strength assessment, commands for bed mobility/transfer/gait training, hip precautions, and home environment assessment. While the focus of the course is Medical Spanish for the acute care setting, participants will also be introduced to Medical Spanish for the orthopedic and pediatric settings. The lab component will include practicing Spanish language skills with patient care scenarios. This course is designed for participants who have little/no experience speaking Spanish.

After completing this course, the participant will be able to:
* Identify how often students are treating patients who speak Spanish, and the students’ ability to communicate with patients using Medical Spanish.
* Identify the influence of students’ Spanish speaking skills on students’ clinical rotation choices and which clinical settings would be most helpful to have Spanish language skills.
* Identify students’ perceptions of the quality of care and the quality of their learning experience when treating patients who speak Spanish.
* Identify strategies to improve communication skills with patients who speak Spanish.

After completing this course, the participant will be able to communicate the following with patients who speak Spanish:
* Greetings and introductions
* Basic anatomy
* Description of symptoms
* Home environment assessment
* Family members
* Common objects in a hospital room
* Commands for basic range of motion and strength assessment
* Commands for bed mobility, transfers, and gait training
* Hip precautions
After completing this course, the participant will be able to:

* Understand common diagnoses under vestibular umbrella.
* Differentiate central vs. peripheral deficits.
* Identify components of evaluation for this population.
* Understand normal/abnormal results on testing.
* Modify treatment strategies and equipment in the room.
* Be aware of and differentiate between red flags or the needs for physician referral.
* Perform and interpret the Dix-Hallpike maneuver.
* Assess vestibular and cerebellar function to assist with differential diagnosis.
* Have a knowledge of available outcome measures for vestibular patients.
* Determine appropriate interventions to incorporate with vestibular patients.
* Provide patient and caregiver education for vestibular rehabilitation and diagnosis-specific management.

**FACTOR SUMMIT: A COLLABORATION AMONG PT AND PTA PROGRAM FACULTY TO ADVANCE THE EDUCATION OF FUTURE CLINICIANS**

Course Level: Professional - All Levels | Course Type: Lecture and Discussion

Moderator: Carolyn Utsey, PT, PhD

PT and PTA educational programs share common challenges in providing quality education for today’s students. The purpose of this session is to identify some of the common challenges and suggest solutions. Specific issues for this year’s Faculty Summit include teaching and learning strategies such as clinical reasoning threads in the curriculum and mind/concept mapping, signs and symptoms of students with anxiety and interventions for these students, and other topics as identified through discussion.

After completing this course, the participant will be able to:

* Identify common challenges in educating today’s students.
* Recognize the signs and symptoms of students with anxiety issues.
* Provide recommendations of resources for managing the symptoms of anxiety.
* Select teaching strategies to actively engage the learner in using a variety of learning strategies.
* Utilize mind/concept mapping in student learning activities.
* Determine how clinical reasoning threads are used in teaching/learning strategies in PT or PTA programs.

**CLINICAL INSTRUCTOR CERTIFICATION COURSE**

Course Level: Professional - All Levels | Course Type: Lecture

Speakers: Michael Geelhoed, PT, DPT; Chad Jackson, PT, DPT; Amy Walker, PT, DPT

This onsite course leads to a certification as a clinical instructor from the Texas Consortium for Physical Therapy Clinical Education, Inc. Part I is an online pre-requisite course (approved for 6 CCUs). Registration for the online course is at www.texasconsortium.org under “Courses.”

After completing this course, the participant will be able to:

* Develop or enhance a clinical education program for their specific facility.
* Utilize effective student-centered clinical teaching strategies.
* Optimize a student clinical learning experience at their facility.
* Identify, share and evaluate best practices in clinical education from this course and peer interaction sessions.

**“IT’S ALL IN YOUR HEAD”: CLINICAL NEUROANATOMY OF CORTICAL STROKES**

Course Level: Professional - All Levels | Course Type: Lecture

Speakers: Stephanie Hessel, PT, DPT; Megan Krueger, PT, DPT

The goal of this course is to advance practice patterns by facilitating incorporation of neuroanatomy into clinical practice. The following cortical stroke syndromes will be discussed: MCA, ACA, PCA, and lacunar, including an in-depth explanation of the “why” behind each presentation. The Neurologic Exam will be used as a tool throughout the course to facilitate understanding of clinical presentation and to promote differential diagnosis for movement dysfunction in individuals with stroke. Case examples of each stroke syndrome will be included to facilitate integration of didactic knowledge. Participants will have an opportunity to apply this knowledge using clinical reasoning with several complex patient cases. Along with extensive group discussion, these cases will provide structure for incorporating knowledge of neuroanatomy into the evaluation and plan of care.

After completing this course, the participant will be able to:

* Understand the clinical presentations of the following types of cortical stroke syndromes: MCA, ACA, PCA, lacunar.
* Go beyond surface level understanding by linking these presentations with the underlying neuroanatomical involvement.
* Utilize the neurologic exam as a tool to facilitate understanding of clinical presentation and to promote differential diagnosis for movement dysfunction in individuals with stroke.
* Predict functional outcomes for individuals with cortical stroke by utilizing most current evidence regarding prognosis.
* Improve therapist effectiveness and maximize patient outcomes by integrating knowledge of neuroanatomy to guide evaluation and plan of care.
SATURDAY COURSES (2:00 PM to 4:00 PM)

THE MISSING PIECE WITH ATHLETE REHABILITATION: UNSTABLE LOAD TRAINING WITH THE ASYMMETRICAL ATHLETE

Course Level: Professional - All Levels  |  Course Type: Lecture and Lab
Speakers: Beth Riemsma, PT, ATC, LAT; Monica Lee Gladney, PT, DPT; Adam Malek, PT, DPT

This course is an educational lecture and lab revolving around the active hip. The spotlight is non-arthritic hip pain and how can we assimilate the relatively infantile research paradigms and incorporate BFR safely and effectively into our practice? This course will provide the clinician with an educational overview on the science behind BFR and current application standards for rehabilitation.

After completing this course, the participant will be able to:
* Define the etiology of femoroacetabular impingement (FAI) and its impacts on hip pain.
* Complete a hip exam directed towards FAI and intraarticular pain.
* Describe the management algorithm related to FAI.
* Be proficient in post-operative management of FAI hip arthroscopy.

WHAT IS FEMOROACETABULAR IMPINGEMENT, DOES IT MATTER, AND HOW IS IT MANAGED?

Course Level: Professional - Intermediate  |  Course Type: Lecture and Demonstration
Speakers: Christopher Juneau, PT, DPT; Emily Gardner, PT, DPT; Brian Duncan, PT, DPT

This course will briefly discuss normal hip anatomy/biomechanics as well as pathomechanics and epidemiology. It will focus more on FAI/Labral Tears and Differential Diagnosis of this population. The participant will learn examination, management, and treatment of the condition as seen within an interdisciplinary hip preservation program team.

After completing this course, the participant will be able to:
* Describe the etiology of femoroacetabular impingement (FAI) and its impacts on hip pain.
* Complete a hip exam directed towards FAI and intraarticular pain.
* Describe the management algorithm related to FAI.
* Be proficient in post-operative management of FAI hip arthroscopy.

THE ERROR OF OUR WAYS: A NOVEL APPROACH TO THE REHABILITATION OF ACQUIRED BRAIN INJURY INDUCED ATAXIA

Course Level: Student - All Levels; Professional - Beginner and Intermediate  |  Course Type: Lecture
Speakers: Laura Martin, PT, DPT; Marissa Lyon, PT, DPT; Daniel Wingard, PT, DPT; Elizabeth Anderl, PT, DPT

Ataxia after central neurologic injury is a confounding variable to a person regaining independence in mobility and ambulation. Traditional methods of treating ataxia include family training, functional mobility and attempts to reduce ataxic movements by decreasing degrees of freedom. This session will explore the current evidence regarding a variety of best practice techniques for rehabilitation of those with ataxia due to acquired brain injury (ABI). Additionally, we will present a novel technique found to be successful in this population, using progressive error exposure with robotic assisted gait training (RGAT) and body weight supported treadmill training (BWSTT). Potential applications of this technique across the continuum of care and with reduced technology resources will be discussed.

After completing this course, the participant will be able to:
* Understand neurophysiology of ataxia of central origin and implications for motor control/learning and interjoint coordination.
* Evaluate current literature regarding rehabilitation interventions in individuals with ataxia from acquired brain injury (ABI).
* Analyze the protocol of progressive error exposure using robotic assisted devices in gait rehabilitation of individuals with ataxia due to ABI.
* Be able to synthesize a plan of care based on progressive error exposure within the environmental/organizational culture of the participants.

BLOOD FLOW RESTRICTION (BFR): CLINICAL APPLICATIONS FOR REHABILITATION AND RECOVERY

Course Level: All Levels  |  Course Type: Lecture
Speakers: Corbin Hedt, PT, DPT

Blood flow restriction (BFR) has taken the sports performance world by storm. Subsequently, researchers are beginning to utilize similar techniques in the field of rehabilitation. By providing physical therapists and other rehabilitation experts a tool to mitigate muscle loss and improve strength in impaired individuals, BFR can be a pivotal component in patient care. However, how can we assimilate the relatively infantile research paradigms and incorporate BFR safely and effectively into our practice? This course will provide the clinician with an educational overview on the science behind BFR and current application standards for rehabilitation.

After completing this course, the participant will be able to:
* Define BFR with regard to rehabilitation and recovery.
* Overview a brief history of blood flow restriction.
* Describe the mechanisms in which BFR can be beneficial in the clinical setting.
* Examine potential uses in the clinic while respecting safety and efficacy.

THE ERRONEOUS VIEWPOINT WITH POST-OPERATIVE MANAGEMENT OF FAI HIP ARTHROSCOPY

Course Level: Professional - Intermediate  |  Course Type: Lecture
Speakers: Christopher Juneau, PT, DPT; Emily Gardner, PT, DPT; Brian Duncan, PT, DPT

After completing this course, the participant will be able to:
* Be proficient in post-operative management of FAI hip arthroscopy.
* Describe the management algorithm related to FAI.
* Complete a hip exam directed towards FAI and intraarticular pain.
* Describe the etiology of femoroacetabular impingement (FAI) and its impacts on hip pain.

WHAT IS FEMOROACETABULAR IMPINGEMENT, DOES IT MATTER, AND HOW IS IT MANAGED?

Course Level: Professional - Intermediate  |  Course Type: Lecture and Demonstration
Speakers: Christopher Juneau, PT, DPT; Emily Gardner, PT, DPT; Brian Duncan, PT, DPT

This course will explore current concepts in sport rehabilitation, identify unstable loads needed in athletes to train sport specific movement patterns, determine risk and reward for training with moving loads, and provide and interactive lab portion for demonstration of sport specific therapeutic exercises utilizing unstable loads to various athlete populations.

After completing this course, the participant will be able to:
* Define unstable load training and how to create unstable resistance in the athlete rehabilitation setting.
* Identify current research findings regarding unstable load training.
* Determine indications, contraindications and clinical implications/relevance for training with unstable loads.
* Prescribe sport specific therapeutic exercises utilizing moving loads to various athlete populations.
THE ACHILLES HEEL OF PT: UPDATE ON MANAGEMENT AND REHABILITATION FOR ACHILLES TENDON RUPTURES

Course Level: Student - Final Year; Professional - All Levels | Course Type: Lecture and Demonstration
Speakers: Jamie Aparicio, PT, DPT; Kevin Maloney, PT, DPT, ATC/L

This session will review the current evidence and research concerning conservative and surgical techniques commonly utilized in treating Achilles tendon ruptures. Achilles tendon rupture is a common injury that causes significant morbidity in today’s population. Despite its increasing occurrence over the past several decades, the most optimal treatment approach continues to be unclear. This session will include a review of the most recent evidence in conservative management, surgical techniques, and the rehabilitation treatment approaches for patients with Achilles ruptures.

After completing this course, the participant will be able to:
* Identify and understand the unique anatomy of the Achilles tendon including the functional demands and its vulnerability to injury.
* Familiarize themselves with previous and current surgical techniques for midsubstance rupture repairs.
* Understand considerations and differences for conservative and postoperative rehabilitation including outcome measures and return to play testing.
* Demonstrate and perform techniques used throughout both approach’s rehabilitation processes.

ABNORMAL IS THE NEW NORMAL

Course Level: All Levels | Course Type: Lecture
Speakers: Allan Besselink, PT, DPT

Clinical anatomy provides physical therapists with the basis for clinical practice. Clinicians have traditionally applied clinical anatomy in terms of pathology and subsequent dysfunction. However, an increasing body of literature notes abnormal MRI and radiographic findings in asymptomatic individuals. Are we treating “normal” in orthopedic practice? This course will examine normalcy and its relationship to clinical practice and the human movement system via two diverse clinical examples: low back pain and running-related injuries.

After completing this course, the participant will be able to:
* State the importance of normalcy and its relevance to pathology, function, and clinical decision making.
* Discuss the scientific research related to abnormal findings in asymptomatic subjects and its role in clinical practice.
* Explore exercise as a cellular stimulus in an autoimmune disorder.

AUTOIMMUNE DISORDERS: RHEUMATOLOGY

Course Level: Student - All Levels; Professional - Beginner and Intermediate | Course Type: Lecture
Speakers: Amy Walters, PT, DPT; Germaine Ferreira, PT

Are we doing enough for people with autoimmune disorders? Can we impact the disease process? This session will explore the value of exercise and physical therapy in the management of autoimmune disorders.

After completing this course, the participant will be able to:
* Discuss relevant hypotheses on the increasing prevalence of autoimmune disorders.
* Identify signs and symptoms of common autoimmune disorders.
* Discuss pharmacological management, imaging and differential diagnosis of these conditions.

NUTRITION FOR SPORTS MEDICINE INJURIES

Course Level: Professional - Beginner and Intermediate | Course Type: Lecture
Speakers: Brett Singer, RD, MS, CSSD, LD

This course will educate physical therapists on the importance of nutrition in sports medicine and rehabilitation. We will identify the dietary needs of patients and provide education on recommendations therapists can provide to insure their patient population is meeting their needs. This course will provide various scenarios therapists may often encounter with suggestions on appropriate steps to take.

After completing this course, the participant will be able to:
* Identify nutrition needs for sports medicine and rehab patient population and the differences over the course of recovery.
* Identify potential risk factors which may prevent patients from meeting their needs.
* Demonstrate critical thinking to overcome various hurdles related to poor fueling during the rehab process.
SUNDAY COURSES (8:00 AM to 10:00 AM)

THE INFLUENCE OF THE PLACEBO RESPONSE ON PAIN PERCEPTION AND PT OUTCOMES

Course Level: Professional - All Levels  |  Course Type: Lecture
Speakers:  Stan Hartgraves, PT, PhD

This course will explore the neuroscience and neurobehavioral effects behind the placebo response and its potential impact on treatment outcomes. The course will include a review of pertinent literature.

After completing this course, the participant will be able to:
* Define the physiological basis of the placebo effect.
* Understand how unconventional treatments might be effective.
* Use knowledge gained from the course to enhance treatment outcomes.

SUNDAY COURSES (8:00 AM to 12:00 PM)

THE ATHLETIC HIP: BEYOND FAI, EXTRA-ARTICULAR HIP IMPINGEMENTS

Course Level: Student - Final Year; Professional - Beginner and Intermediate  |  Course Type: Lecture
Speakers:  Nicholas Andreas, PT, DPT

This course is designed to help the sports physical therapist be aware of other possible hip impingement syndromes that may contribute to hip pain. The course will involve: patho-anatomical descriptions of the different hip impingement syndromes, physical examination of the hip, and physical therapy interventions involved in treatment.

After completing this course, the participant will be able to:
* Recall and describe the different types of Extra-articular Hip impingement syndrome including subspine impingement, illoposas impingement, pelvic-trochanteric impingement, and ischiofemoral impingement.
* Conduct a thorough history and physical examination of the athlete's hip to differentiate femoroacetabular impingement from extra-articular hip impingement.
* Create a sufficient and comprehensive plan of care for patients with extra-articular hip impingement including: patient education, activity modification, specific therapeutic exercises, and manual therapy techniques.
* Demonstrate and perform manual mobilization/manipulations of the hip joint, sacroiliac joint and lumbar spine effectively treat extra-articular hip impingement.
* Perform effective and evidence-based soft tissue mobilization to the lumbopelvic-hip complex to improve functional outcomes for the athlete.
RASHI AGRAWAL, PT, DPT
Rashi Agrawal, PT is a native Houstonian who began her pursuit for physical therapy at the University of Texas at Austin. She then moved to Los Angeles right after undergraduate school to earn her DPT from the University of Southern California in Los Angeles. Since graduating from PT school, Ms. Agrawal completed her residency program with Harris Health's Neurologic Residency Program. Here she began her research with Dr. Pablo Estrada investigating leadership in the post-graduate physical therapy industry. Growing up in a family primarily involved in business, Ms. Agrawal always had a natural interest in learning about leadership and management. However, as a health care practitioner, she developed interest in learning about leadership in physical therapy. She had multiple opportunities to exercise her leadership qualities and grow fond of clinical education, understanding how individuals run a private practice, and understanding the need for leadership to drive physical therapy forward. Her research is the beginning steps of understanding how leaders can help evolve the field and she hopes to continue developing her research for further growth.

ELIZABETH “LIBBY” ANDERL, PT, DPT
Elizabeth “Libby” Andel, PT, DPT is a full-time neurologic physical therapist at Trillium Memorial Hermann in Houston, TX, where she specializes in inpatient brain injury and stroke rehabilitation including working with multiple with individuals with ataxia. In addition to her responsibilities as a clinician, Dr. Andel has participated in clinical education as a Texas Consortium certified clinical instructor and guest lecturer for the Texas Woman's University and University of Texas Medical Branch at Galveston Doctor of Physical Therapy (DPT) programs. Dr. Andel graduated from the Kranert School of Physical Therapy at the University of Indianapolis in 2015 and completed the Trillium Memorial Hermann Neurologic Physical Therapy Residency Program in 2016.

JON ANDERSON, PT
Jon Anderson, PT graduated from Angelo State University physical therapy program and has worked as a physical therapist and therapy education resource for Ensign Services, Inc. since 2008. He is a Tom Waugh Fellow and a licensed PT in Texas and California, and is certified as an instructor in dementia care and clinical education through the American Physical Therapy Association (APTA) and is a member of both the TPTA and APTA.

NICHOLAS ANDREAS, PT, DPT
Nicholas Andreas, PT, DPT is a repeat TPTA conference presenter who has presented on pediatric sport injuries in past years. Currently, he serves as Staff Physical Therapist at TMI Sports Medicine in Arlington, TX. Beyond his normal full clinic schedule, he also serves at the Dallas Stars Professional Hockey Club Physical Therapist. His clinical specialty is athletic hip and groin pain as well as the contact sport athlete. Before starting at TMI Sports Medicine, he completed his Sports Physical Therapy residency at UT Southwestern from 2015-2016. During his time, he also served as the Dallas Stars physical therapist as well as the physical therapist for Irving Nimitz High School. Dr. Andreas completed his DPT at the Mayo Clinic in Rochester, MN.

JAIME APARICIO, PT, DPT
Jaime Aparicio, PT, DPT earned his Doctorate in Physical Therapy from Texas Women's University in Houston, TX in 2014. He was accepted and completed his sports residency program at Memorial Hermann's Ironman Sports Medicine Institute in 2015. Dr. Aparicio is currently a sports physical therapist at Memorial Hermann's Ironman Sports Medicine Institute - Shephard Square Human Performance Lab where he serves as a mentor and faculty member of the Sports Residency Program in the Memorial Hermann Healthcare System. In addition to treating in the clinic, he is also a lecturer at Rice University teaching Biomechanics, is the Medical Director for Trail Racing Over Texas (TROT), and is currently participating in the OPTIMI Manual Therapy Fellowship program, where he is working towards becoming a Fellow of the American Academy of Orthopedic Manual Physical Therapists. Dr. Aparicio is an active member of the American Physical Therapy Association's Sports Section and the American College of Sports Medicine where he has published and presented research at both local and national conferences. Dr. Aparicio is an ABPTS board-certified clinical specialist in sports physical therapy and a Certified Strength and Conditioning specialist.

MAGGIE BATES, PT, DPT
Maggie Bates, PT, DPT is a physical therapist that resides in Dallas, TX. She graduated from UT Southwestern Medical Center in December 2016, and is currently completing the UT Southwestern Orthopedic Residency Program. As a physical therapy student, Dr. Bates was a part of the Student Special Interest Group of the TPTA where she served as Vice President and President from 2014 to 2016. She was also a Committee Member for Student Special Interest Group/Loop Connection Network of the APTA Student Assembly. She is passionate about bettering the profession and is excited about doing her part to serve her community, patients and peers.

ALLAN BESSELINK, PT, DPT
Allan Besselink, PT, DPT is a physical therapist and Assistant Professor in the Doctor of Physical Therapy program at the University of St. Augustine for Health Sciences in Austin, TX. He is the CRO of the Smart Life Project, a health initiative that provides sports science solutions for training, rehab, and life. Dr. Besselink is one of 400 practitioners internationally who have attained the Diploma in Mechanical Diagnosis and Therapy from the McKenzie Institute International - the highest level of training in the McKenzie Method. In his 29 years as a physical therapist, he has lectured extensively on a variety of topics including MDI, clinical and functional anatomy, clinical reasoning, and sports medicine at regional, national, and international conferences and post-professional continuing competency/education programs. Dr. Besselink is an endurance sports coach and the author of "RunSmart: A Comprehensive Approach To Injury-Free Running."

JANET BEZNER, PT, DPT, PhD, FAPTA
Janet Bezner, PT, DPT, PhD is an Associate Professor in the Department of Physical Therapy at Texas State University. Dr. Bezner teaches and conducts research on physical activity and provides service to the university community, including serving as a Texas State Senator. She received her Bachelor's degree in physical therapy at the University of Texas Medical Branch, her Master's degree from Texas Woman's University, a PhD degree in health education from the University of Texas and a DPT degree from Rocky Mountain University of Health Professions. Prior to joining Texas State in August 2014, she was Vice President of Education, Governance and Administration at the American Physical Therapy Association and prior to that, Senior Vice President for PeakCare, Inc., a health care technology firm, where she managed the development of a wellness and prevention software and video library aimed at employers to assist in decreasing health care costs associated with illness and injury at work. Dr. Bezner spent seven years teaching physical therapy at Southwest Texas State University (now Texas State University) in San Marcos, Texas, and has practiced in a variety of health care settings, including hospitals, home health, long-term care and corporate wellness. Dr. Bezner served on APTA’s Board of Directors prior to joining its staff, is a recipient of the Lucy Blaire Service Award, and is a Catherine Worthingham Fellow of the APTA. She currently serves as the Chief Delegate of the Texas chapter and coordinates the key contact network for the chapter. Dr. Bezner is a graduate of the 2009 Leadership Alexandria program, is a licensed Franklin Covey facilitator, and a Certified Health and Wellness Coach. She is an experiences speaker and facilitator on topics related to leadership, personal development, strategic planning, and health promotion and wellness.
DONNA CARVER, PT

Donna Carver, PT holds a Bachelor of Science in Biology from Baylor University, a Bachelor of Science in Health Sciences and a Master of Science in Physical Therapy from the University of Central Arkansas. In over 20 years of practice in Physical Therapy, Ms. Carver has practiced in a variety of clinical settings; such as in inpatient rehabilitation hospitals, outpatient clinics, skilled nursing facilities and home health. She has specialized in pelvic floor rehabilitation for more than 15 years. During the course of her practice, she took advantage of multiple opportunities to develop as a competent professional and educator, accepting responsibility as a certified clinical education instructor, accepting invitations to guest lecture for PT and PTA schools, instructing for the CEU Institute for over six years, serving as the Program Chair for a Developing Physical Therapy Assistant Program for over four years and instructing for the UTA PT Aide program. In recognition of outstanding performance, Ms. Carver has been awarded the Texas Consortium’s 2004 Outstanding Clinical Educator Award, the Exceptional Excellence and Dedication to Teaching Award in 2009 and the Ruby Decker Award for Exemplary Patient Care and Community Service in 2012. Ms. Carver has contributed her expertise to the new question development for the Certified Wound Specialist National Board Examination and the National Physical Therapy Examination. Ms. Carver has served as the Government Affairs Chair of the Texas Physical Therapy Association and continues to be an active participant in the Physical Therapy Political Action Committee (PTPAC) and Legislative Advocacy Forum. Ms. Carver maintains her active PT private practice in the state of Texas and continues to participate in both the Texas Physical Therapy Association, the North Texas District and the American Physical Therapy Association.

BRIAN DUNCAN, PT, DPT

Brian Duncan, PT, DPT is a sports physical therapist at the IRONMAN Sports Medicine Institute where he also serves as Director of Residency Programs & Shepherd Square Performance Lab. His clinical interests include operative and non-operative rehabilitation of adults and youth athletes, with a particular interest in college athletes. Dr. Duncan is board-certified in both sports and orthopedic physical therapy and fellowship trained in manual therapy. He is active in the American Physical Therapy Association serving in the House of Delegates and Residency Accreditation Committee and has received awards locally and nationally for excellence in clinical practice and excellence in clinical teaching. When not practicing in the clinic, he can be found being active and playing sports with his wife and five young children.

PABLO E. ESTRADA, PT, DPT

Pablo Estrada, PT, DPT is originally from El Paso, Texas and studied at the University of Texas at El Paso (UTEP), obtaining a degree in Microbiology and Chemistry. He went on to work for the Occupational Safety and Health Administration as an Industrial Hygienist before returning to UTEP to pursue a Doctorate in Physical Therapy. Dr. Estrada has been interested in leadership and leadership roles in physical therapy and has been an active member of the Greater El Paso District (GEPD) of the Texas Physical Therapy Association (TPTA). As a physical therapy student, Dr. Estrada sat as an advisory member to Senator José Rodríguez’s Health Care Advisory Committee, Mano y Corazon, and implemented an El Paso community initiative “Move Right” campaign geared toward ensuring caregiver safety. Also, as a student and active member of the GEPD, he implemented the “Agent of Change” program bringing physical therapy students and physical therapists together in reaching out to local representatives in topics of community and professional advancement. His work and contribution as a student was honored by the UTEP Doctor of Physical Therapy program with the Outstanding Leadership Award, honored by the GEPD with the Most Valuable Physical Therapy Award, and honored by the TPSTA with the Keynote Outstanding Physical Therapy Student Award. Since graduating, Dr. Estrada has continued to advance and promote the physical therapy profession by remaining active in the TPSTA and American Physical Therapy Association (APTA). He was accepted into the 2016-2017 Harris Health System, Quentin Mease Orthopedic Residency program. Current interests include the performing arts and the orthopaedic, pediatric athlete. Dr. Estrada is married to Dr. Enka Estrada, Pharmacy Director for the El Paso Children’s Hospital. Together for nine years, they enjoy play time with their two dogs, Huggy Bear & Besos, attending the Houston Ballet, and discovering all the fabulous restaurants in Houston.

GERMAINE FERREIRA, PT

Germaine Ferreira, PT is a physical therapy faculty at the University of St. Augustine in Austin, TX. Ms. Ferreira practiced as a homeopathic physician in India prior to moving to the United States. She currently teaches pathophysiology and cardiopulmonary rehabilitation. She has been a physical therapist for 19 years and has worked in acute care, cardiopulmonary rehab, outpatient and SNF settings.

REBECCA GALLOWAY, PT, PhD

Rebecca Galloway, PT, PhD is a physical therapist with 15 years of experience in clinical practice and teaching. She became a Genric Certified Specialist (GCS) through the American Board of Physical Therapist Specialties in 2006 and recertified in 2016. She is also a Certified Exercise Expert for Aging Adults (CEEEA) through the American Physical Therapy Association Section on Geriatrics. Dr. Galloway is an Assistant Professor of Physical Therapy at the University of Texas Medical Branch (UTMB) where she teaches courses in clinical education, professional issues, pharmacology, medically complies patients, and geriatrics. She has faculty practice in acute care and supervises student physical therapists at St. Vincent’s House. Her research experience involves functional independence, rehabilitation of deconditioning, and falls. Dr. Galloway co-chairs the Local Patient and Stakeholder Council at UTMB for the Strategies to Reduce Injuries and Develop Confidence in Elders (STRIDE) study.

ELIZABETH GARCIA, PT, DPT

Elizabeth Garcia, PT, DPT received her Doctorate in Physical Therapy in 2015 from the University of Texas Health Science Center at San Antonio. She has worked as a physical therapist for Baylor University Medical Center since graduation in the settings of oncology, solid organ transplant, the Emergency Department, stroke, and trauma ICU. Scientific interests include confocal microscopy, neurorehabilitation and vestibular rehabilitation. In her spare time, she bikes with her husband and lab/pit mix Indigo.

EMILY GARDNER, PT, DPT

Emily Gardner, PT, DPT is a board-certified sports physical therapist with Memorial Hermann IRONMAN Sports Medicine Institute in Houston, Texas. She received her undergraduate degree from Wake Forest University in 2008 and then obtained her doctorate of physical therapy from UT Southwestern in Dallas in 2011. She began her practice in pediatric sports medicine at Cook Children’s Hospital in Fort Worth, TX where she specialized in lower extremity pathologies and over-use injuries associated with the running and soccer athlete. She joined the Memorial Hermann team in December 2014 and has since honed her clinical interests and expertise to focus on post-operative care of the hip and knee, return-to-sport progressions, and care for the skeletally immature athlete. Aside from her clinic responsibilities, Emily serves as the center coordinator of clinical education (CCCE), faculty member of the sports physical therapy residency program, and on-site expert on pediatric-specific diagnoses. She is certified in dry needling by Spinal Manipulation Institute, she has contributed to articles in peer-reviewed journals; and she is proficient in Spanish. When not in clinic, Emily can be found providing sideline coverage for a local soccer club, attending Rice Athletic events where her husband works, or spending time with her son Hank.

MICHAEL GEELHOED, PT, DPT

Michael Geelhoed, PT, DPT earned his Master of Physical Therapy degree from the University of Texas Health Science Center at San Antonio in 1998. He completed his Bachelor’s degree in History and Political Science at James Madison University in Harrisonburg, VA in 1991. He also received a Bachelor of Health Sciences from UTHSCSA in 1996. He completed his Manual Therapy Certification from the University of St. Augustine in 2002. He received his Board Certification in Orthopedics from the ABPTS in 2003. He completed his Doctor of Physical Therapy degree in 2004 from the University of St. Augustine. Mike has been on the faculty of the Department of Physical Therapy at UTHSCSA since 2003. He teaches Movement Science I, Professional Issues III, Clinical Experiences I, II, III, and IV, and assists with Musculoskeletal Dysfunction I and II. He practices clinically in multiple outpatient orthopedic settings, and his research interests have generated several publications and presentations on local, state, national and international levels covering a wide variety of topics.
STAN HARTGRAVES, PT, PhD

Certified Strength and Conditioning Specialist.

STAN HARTGRAVES, PT, PhD has had a wide-ranging career in science and the field of physical therapy, which includes positions in research, clinical practice, teaching, and academic administration. He holds degrees in Health, Exercise and Sport Science from Texas Tech University and is certified by the Collegiate Strength & Conditioning Coaches Association, the gold standard in strength and conditioning. He spent five years working in the Exercise Physiology lab at Texas Tech studying exercise biochemistry and another five years teaching at Texas Tech and Houston Baptist University. While busy teaching and doing research, Mr. Gremillion’s real passion was for coaching the triathlon team. Over the course of his tenure, the team was ranked as high as 19th in the country and produced several nationally competitive college triplets. The ability to apply chemical and molecular events to athlete training has been, and continues to be, a point of interest and emphasis for him. Mr. Gremillion is currently a member of the Human Performance Team at the Memorial Hermann IRONMAN Sports Medicine Institute as a strength and conditioning coach where he specializes in injury prevention and transitional and conditioning for athletes returning to sports following surgery. As a part of this team, Mr. Gremillion works with a wide variety of athletes, in all levels of competition – from elite amateur to nationally and internationally competitive. As part of IRONMAN UTM, Charlie was responsible for developing large portions of the Exercise Science and Strength & Conditioning sections. He currently lives in Houston with his wife, Dr. Amy Gremillion.

JAROD HALL, PT, DPT

Jarod Hall is a 2014 graduate from the University of North Texas Health Science Center with his DPT. Currently, he is an outpatient orthopedic physical therapist in Fort Worth, Texas where he directs Greater Therapy Centers Northwest Fort Worth location. He is also an adjunct instructor at University of North Texas Health Science Center in orthopedic and musculoskeletal examination and intervention as well as a guest lecturer on Therapeutic Neuroscience Education and progressive exercise. Dr. Hall runs an evidence-based physical therapy website and blog platform devoted to in-depth writing on the topics of manual physical therapy, evidence-based practice, pain science, and therapeutic alliance. His passion in physical therapy is mentorship of young clinicians and combining progressive exercise, manual therapy, and pain education into a simplistic and effective process of care for patients. Dr. Hall is a Certified Strength and Conditioning Specialist.

STAN HARTGRAVES, PT, PhD

Stan Hartgraves, PT, PhD has had a wide-ranging career in science and the field of physical therapy, which includes positions in research, clinical practice, teaching, and academic administration. He has served as PT program director at five universities and has taught basic science courses to PT and OT students, including neuroscience, pharmacology, physiology, pathophysiology, and basic research courses. His research interests include the neurophysiological bases of neurodegenerative diseases, pharmacological approaches to the treatment of these diseases, and approaches to the treatment of painful conditions. He currently is helping to develop academic programs in rehabilitation therapy in Mexico.
SUH-JEN LIN, PT, PhD

Suh-Jen Lin, PT, PhD currently is an associate professor at Texas Woman’s University, Institute of Health Sciences in Dallas. She also serves as an Associate Editor of the Cardiovascular Physical Therapy Journal, the official journal of the Cardiovascular & Pulmonary Section of the APTA. She has a track record of peer-reviewed publications, and frequently serves as reviewer for grant proposals and journals, including Cardiopulmonary Physical Therapy Journal, Gait & Posture, Canadian Journal of Diabetes, and Archives of Physical Medicine and Rehabilitation. Her clinical expertise is on cardiopulmonary physical therapy, exercise testing with metabolic gas analysis, and exercise prescription. Her research interests include the utility of Six-Minute Walk Test, physical activity and gait patterns in individuals with amputation, inspiratory muscle training with individuals with heart failure, and health promotion for people with chronic diseases.

CHRISTOPHER JUNEAU, PT, DPT

Christopher Juneau, PT, DPT is a Sports Specialist and sport performance trained physical therapist with Memorial Hermann IRONMAN Sports Medicine in Houston, Texas. Chris completed his sports training and education with the University of St. Augustine, the Ohio State University, and University of Louisville. His background and training are rooted in sports medicine and performance hip and knee preservation management, and on-field sports care. He has spent time working with multiple orthopedic physicians and surgeons to develop post-operative protocols and procedures, and now works very closely with Dr. Alfred Mansour and the Hip Preservation Program within the University of Texas and Memorial Hermann Healthcare Systems. He is currently an employee of the IRONMAN Sports Medicine Clinic with Memorial Hermann and is involved in sports resiliency and internal administrative function. He also helps as an on-field responder, coaches Olympic lifting, and provides consultation and educational resources to local school sports. His clinical interests are founded in sports care injury, pain sciences, and sports performance/reintegration. He utilizes up-to-date treatment concepts and tools, such as dry needling, active release, and kinesiotaping, to enhance athletic performance and re-integration. Dr. Juneau lectures, mentors, and is involved with research/writing throughout the professional ranks. He has helped write educational content for multiple journals, books and online learning material.

VENITA LOVELACE-CHANDLER, PT, PhD

Venita Lovelace-Chandler, PT, PhD has been an educator in pediatric topics for over 30 years to professional and post-professional physical therapy students and practitioners. She has over 40 years of experience in pediatrics, has recertified as a specialist two times, and still provides consultations. She taught Advanced Clinical Practice courses in pediatrics for the APTA, has published articles and book chapters on pediatrics and has numerous presentations and workshops on pediatrics. She was named as the recipient of the 2011 Linda Crane Memorial Lecture awarded by the Pediatrics, Cardiopulmonary and Education Sections, won the Service Award in 2003 for 30 years of service to the Academy of Pediatric Physical Therapy, was the featured speaker at Opening Ceremonies of the American Board of Physical Therapy Specialties at CSM in 1991, won the Outstanding Service Award of the Federation of State Boards of Physical Therapy in 2008 as a pediatric expert, and was the pediatric content expert for the APTA’s Move Forward public site for four years. She has served in APTA and TPTA elected offices, and she won the TPTA President’s Award for Outstanding Service in 2016 and the APTAS Lucy Blair Service Award in 2017. She holds a BS in Physical Therapy from Western Medical School (1971), an MA in college teaching from the University of North Carolina (1976), and a PhD in Academic Administration/Health Education from Texas A&M University (1989). She was Vice-Chair and Professor, Department of Physical Therapy, UNT Health Science Center until 2014 and continues to serve as adjunct faculty. She served as Chairperson for the University of Central Arkansas and Chapman University programs in physical therapy and as Associate Director in the School of Physical Therapy at Texas Woman’s University before joining UNTHSC.

MARCOS LOPEZ, PT, DPT

Marcos Lopez, PT, DPT graduated from the University of Texas El Paso in 2012. He then completed an orthopedic residency program at the University of Texas Southwestern Medical Center in 2014 and graduated from International Spine and Pain Institute’s Therapeutic Pain Specialist (TPS) certification in Fall of 2016. He is currently enrolled in Evidence in Motion’s Fellowship in Manual Therapy Program. He presented at the Texas Physical Therapy Association Annual Conference in 2013 and 2014 on the efficacy of utilizing pain neuroscience education in patient care and methods to improve the therapeutic alliance through optimizing contextual effects. He currently resides in Dallas, TX where he practices at 3D Physical Therapy, a private practice outpatient clinic. Dr. Lopez is an ABPTS board-certified specialist in orthopedics.

ADRIANNA LAPREA, PT, DPT

Adrianna Laprea, PT, DPT is an Assistant Professor in the Department of Physical Therapy, School of Health Professions at the University of Texas Medical Branch in Galveston, TX. Her teaching responsibilities include primary instructor in three neuromotor rehabilitation courses in the BRIDGE PTA to DPT program and medical Spanish in the entry-level DPT traditional program. Additionally, she is a secondary instructor and guest lecturer in other courses. She has delivered courses on-line and on-site since August 2014. She received the Doctor of Physical Therapy degree in 2007 from Nova Southeastern University in Dave, FL. Dr. Laprea became a Certified Geriatric Specialist through the American Board of Physical Therapist Specialties in 2011. She received the School of Health Professions’ Junior Faculty Excellence Award in 2015. Her research interest includes rehabilitation outcomes impacting the adults and older adults. She has nine years of clinical experience including the outpatient neurological rehabilitation and skilled nursing facility.

MEGAN KRUEGER, PT, DPT

Megan Krueger, PT, DPT graduated with her Doctorate in Physical Therapy from Texas Woman’s University in 2014. She then completed the Harris Health System Neurologic Physical Therapy Residency program in 2015 and became a board-certified Neurologic Clinical Specialist in 2016. She currently treats patients with neurologic dysfunction in the outpatient setting at Harris Health System and serves as faculty and as a primary mentor for the residency program. She has a variety of teaching experience both in the clinical and academic settings.

CHRISTOPHER JUNEAU, PT, DPT

Christopher Juneau, PT, DPT is a Sports Specialist and sport performance trained physical therapist with Memorial Hermann IRONMAN Sports Medicine in Houston, Texas. Chris completed his sports training and education with the University of St. Augustine, the Ohio State University, and University of Louisville. His background and training are rooted in sports medicine and performance hip and knee preservation management, and on-field sports care. He has spent time working with multiple orthopedic physicians and surgeons to develop post-operative protocols and procedures, and now works very closely with Dr. Alfred Mansour and the Hip Preservation Program within the University of Texas and Memorial Hermann Healthcare Systems. He is currently an employee of the IRONMAN Sports Medicine Clinic with Memorial Hermann and is involved in sports resiliency and internal administrative function. He also helps as an on-field responder, coaches Olympic lifting, and provides consultation and educational resources to local school sports. His clinical interests are founded in sports care injury, pain sciences, and sports performance/reintegration. He utilizes up-to-date treatment concepts and tools, such as dry needling, active release, and kinesiotaping, to enhance athletic performance and re-integration. Dr. Juneau lectures, mentors, and is involved with research/writing throughout the professional ranks. He has helped write educational content for multiple journals, books and online learning material.

ALAN LITTENBERG, PT, DPT

Alan Littenberg, PT, DPT obtained his Bachelors of Science in Kinesiology at Texas Christian University in 2010. He then obtained his Doctor of Physical Therapy from the University of North Texas Health Science Center in 2014. Alan has gone on to be a pediatric sports physical therapist for Cook Children’s Hospital in Fort Worth, TX. In addition to patient care, he is currently the principal investigator for developing an outcome measure for pediatric lower extremity orthopedic injuries. Dr. Littenberg works in a wide variety of settings while learning how to successfully implement family-centered care and optimize outcomes with motivational interviewing. Motivational interviewing has become a center point of his practice, allowing his patients to realize their true potential and become their best selves. He is not only a leader in the clinic but in the community as well, he has been working on how to innovate patient care, health literacy and community outreach with social media.

SPEAKER BIOs

MARCOS LOPEZ, PT, DPT

Marcos Lopez, PT, DPT graduated from the University of Texas El Paso in 2012. He then completed an orthopedic residency program at the University of Texas Southwestern Medical Center in 2014 and graduated from International Spine and Pain Institute’s Therapeutic Pain Specialist (TPS) certification in Fall of 2016. He is currently enrolled in Evidence in Motion’s Fellowship in Manual Therapy Program. He presented at the Texas Physical Therapy Association Annual Conference in 2013 and 2014 on the efficacy of utilizing pain neuroscience education in patient care and methods to improve the therapeutic alliance through optimizing contextual effects. He currently resides in Dallas, TX where he practices at 3D Physical Therapy, a private practice outpatient clinic. Dr. Lopez is an ABPTS board-certified specialist in orthopedics.

Megan Krueger, PT, DPT graduated with her Doctorate in Physical Therapy from Texas Woman’s University in 2014. She then completed the Harris Health System Neurologic Physical Therapy Residency program in 2015 and became a board-certified Neurologic Clinical Specialist in 2016. She currently treats patients with neurologic dysfunction in the outpatient setting at Harris Health System and serves as faculty and as a primary mentor for the residency program. She has a variety of teaching experience both in the clinical and academic settings.

SUH-JEN LIN, PT, PhD

Suh-Jen Lin, PT, PhD currently is an associate professor at Texas Woman’s University, Institute of Health Sciences in Dallas. She also serves as an Associate Editor of the Cardiovascular Physical Therapy Journal, the official journal of the Cardiovascular & Pulmonary Section of the APTA. She has a track record of peer-reviewed publications, and frequently serves as reviewer for grant proposals and journals, including Cardiopulmonary Physical Therapy Journal, Gait & Posture, Canadian Journal of Diabetes, and Archives of Physical Medicine and Rehabilitation. Her clinical expertise is on cardiopulmonary physical therapy, exercise testing with metabolic gas analysis, and exercise prescription. Her research interests include the utility of Six-Minute Walk Test, physical activity and gait patterns in individuals with amputation, inspiratory muscle training with individuals with heart failure, and health promotion for people with chronic diseases.

TPTA ANNUAL CONFERENCE 2017
Marissa Lyon, PT, DPT has worked as a licensed physical therapist at TIRR for the last 5 years, serving in the TIRR Outpatient Rehabilitation Department, the TIRR specialty amputee and oncology outpatient rehabilitation clinic, and as the therapy consultant in the Outpatient Medical Clinic. She is currently working as a full-time neurologic physical therapist at TIRR outpatient specializing in brain injury, stroke, concussion, and vestibular rehabilitation. Dr. Lyon has been a certified vestibular therapist since July 2012. Dr. Lyon received a Doctor of Physical Therapy at Texas Woman's University in 2012. Additionally, she is currently pursuing her PhD in Physical Therapy at Texas Woman's University with a focus on balance assessment and outcome measure utilization. She is the primary researcher on a study investigating standard balance measurements in traumatic brain injury that was awarded the TIRR Innovation Grant.

Adam Malek, PT, DPT is currently a resident at the Houston Methodist Sugar Land Sports Physical Therapy Residency Program. He is also currently serving as the facility's site coordinator for the sports residency program. Dr. Malek is currently a member of the National Strength and Conditioning Association, APTA's Orthopedic and Sport Sections, as well as a member of the TPTA. Current research Dr. Malek is participating in for publication is development of Spondylo-Arthritis Guidelines for the clinician. He is also currently working on this certification portion in Orthopedic Manual Therapy with the Institute for Athlete Regeneration Protocols for Level 5 to Elite gymnast and RTP protocol for the aesthetic athlete for lower extremity injuries. His specialties and interests include performance and injury prevention for competitive athletes, orthopedic and sports manual therapy, rehabilitation for the competitive athletic athlete, and sport biomechanics. Dr. Malek is a Certified Strength and Conditioning Specialist.

Kevin Maloney, PT, DPT, ATC/L earned his Doctorate in Physical Therapy from the University of Florida in 2014. He completed his sports physical therapy residency at Memorial Hermann's Ironman Sports Medicine Institute in 2015 and is currently serving as the facility's site coordinator for the sports residency program in the OPTIM Manual Therapy Fellowship program. Dr. Maloney, a former high school educator, coach, and firefighter is originally from Houston, Texas and graduated with his Doctor of Physical Therapy from the University of Texas Health Science Center in San Antonio. Dr. Malek is currently a member of the National Strength and Conditioning Association, APTA's Orthopedic and Sport Sections, as well as a member of the TPTA. Current research Dr. Malek is participating in for publication is development of Spondylo-Arthritis Prevention Protocols for Level 5 to Elite gymnast and RTP protocol for the aesthetic athlete for lower extremity injuries. His specialties and interests include performance and injury prevention for competitive athletes, orthopedic and sports manual therapy, rehabilitation for the competitive athletic athlete, and sport biomechanics. Dr. Malek is a Certified Strength and Conditioning Specialist.

Rhonda Manning, PT, DPT graduated from the University of Texas at El Paso with a Master of Physical Therapy in 1999. After going to work in both inpatient and outpatient pediatrics, she focused her practice on the treatment of sensory processing disorders. This led to a narrowed focus of children with autism spectrum disorders. She is a Pediatric Clinical Specialist first certified in 2004. In 2012, she graduated from the University of Texas Medical Branch with her Doctor of Physical Therapy with a focus in pediatrics. She provides sensory-based physical therapy to children with multiple diagnoses including ASD, developmental delay, CP, and genetic disorders. After providing home-based therapy to children for over 10 years, Dr. Manning is now a Clinical Assistant Professor at the University of Texas at El Paso.

Laura Martin, PT, DPT is a graduate of Texas Woman's University and has been working at TIRR Memorial Hermann Outpatient Rehabilitation for nine years. Dr. Martin has completed the vestibular competency course in 2011 and is one of the lead physical therapists of the vestibular program at TIRR Outpatient. She treats a wide range of neurologic diagnoses, including individuals with ataxia and serves as a mentor to the clinical staff. She is the Neurologic Physical Therapy Residency Director and prior to taking on this role, was the primary mentor for the residency in the outpatient location for five years as well as clinical instructor for students and mentor to new staff members. Dr. Martin is an ABPTS board-certified specialist in neurology.

Matthew McCarthy, PT, DPT graduated from Nebraska Wesleyan University with his BS in Exercise Science in 2013. He then completed his Doctorate in Physical Therapy at Duke University in 2016. He is currently Orthopedic Resident at University of Texas Southwestern Medical Center. Dr. McCarthy has also had research in Vestibular Rehabilitation presented at CSMT in 2016 titled “Diagnosis of Accuracy of the Active-Computerized Dynamic Visual Acuity Test: A Systematic Review and Meta-Analysis.”

Ed Mulligan, PT, DPT, ATC has been involved in orthopedic-sports physical therapy, athletic training, and clinical education for the past 35 years. His undergraduate degree is from the University of Nebraska and he received his physical therapy training at UTMB Galveston. He completed the post-professional master’s degree program at Texas Woman’s University Dallas in 1995 and his transitional DPT at Regis University in 2008. He was recognized as a clinical specialist in sports physical therapy by the APTA in 1988 and was the Chair for the Sports Physical Therapy Council of the American Board of Physical Therapy Specialists from 2010-11. He is the lead author of the current description of specialty practice for sports physical therapy. In 2009, he was certified as a clinical specialist in orthopedic physical therapy and is the Director of the Orthopedic and Sports Physical Therapy Residency Program at UT Southwestern Medical Center in Dallas. In 2016, he was awarded the Sports Physical Therapy Section's Lifetime Excellence in Education Award. He currently serves on the American Board of Residency and Fellowship Education and is the previous Chair of the Sports Physical Therapy Specialization council. He is an Associate Professor with joint appointments in the Physical Therapy and Orthopedic Surgery Departments at UT Southwestern Medical Center and has published multiple peer-reviewed articles in Manual Therapy, Physical Therapy in Sport, American Journal of Sports Medicine, Journal of Bone and Joint Surgery, International Journal of Sports Physical Therapy, Journal of Shoulder and Elbow Surgery, and the Journal of Orthopedic and Sports Physical Therapy.

Annalis Na, PT, PhD, DPT is a post-doctoral research fellow in the Department of Orthopedic Surgery and School of Health Professions at University of Texas Medical Branch in Galveston. She completed her physical therapy training at Duke University and Ph.D. in Biomechanics and Movement Sciences at the University of Delaware. Her dissertation work focused on examining movement patterns as they relate to age, disease, and function in older adults with orthopedic conditions. Her most recent study was funded by the Orthopaedic Section of the American Physical Therapy Association. Before pursuing research, Dr. Na completed an Orthopedic Residency through Proaxis Therapy and Evidence in Motion. She continued her practice and served as a credentialed clinical instructor to DPT students in the outpatient orthopedic clinic at the University of Delaware. She is a board-certified specialist in orthopedics.
Ann Newstead, PT, DPT, PhD is a physical therapist with nearly 40 years of experience. She is a Certified Clinical Specialist in both Neurology (1995-2025, NCS) and Geriatrics (2005-2025, GCS). She is certified in Vestibular Rehabilitation (1998); and is a Certified Exercise Expert in Aging Adults (2010; CEEAA). She has taught and practiced in her areas of expertise. Dr. Newstead is a graduate of SUNY Potsdam (1976, BA) and University of Alabama in Birmingham (UAH, 1978, MS, PT) as a physical therapist. She has worked in acute care, outpatient, rehabilitation, home health, research, and educational settings. After approximately 30 years in practice, and with a true quest for more knowledge, she pursued her interests in the area of aging adults at UT Austin and received her PhD (2010). She received her Doctor of Physical Therapy degree from University of Montana (2016).

SUZI OKERE, PT, PhD, ATC

Dr. Okere’s research interest is the cultural competence of physical therapists. Suzy Okere, PT, PhD, ATC has conducted several research projects examining student physical therapists’ cultural competence and the psychometric properties of the instruments used to measure cultural competence. In addition, she has led several study abroad trips with student physical therapists, to teach physical therapy and Medical Spanish in Central America.

MYLA QUIBEN, PT, DPT, PhD

Myla “Mytie” Quiben, PT, PhD, DPT is a board clinical specialist by the American Board of Physical Therapy Specialties (ABPTS) in Neurologic and Geriatric Physical Therapy. She obtained her PhD in Physical Therapy and post-professional DPT from the University of Central Arkansas, MS in Clinical Investigation from UT Health Science Center in San Antonio, and BS in Physical Therapy from the University of the Philippines. She completed a fellowship in Geriatric Research at the UT Health Science Center in San Antonio and is currently an Associate Professor at the University of North Texas Health Science Center Department of Physical Therapy, with teaching areas in cardiopulmonary, geriatric, neuromotor, and clinical medicine. Her clinical experience has spanned varied settings from acute care to cardiac rehab and practices at Baylor Institute of Rehabilitation. She is nationally active, serving on the Board of Directors of the American Physical Therapy Association, as an APTA CI Trainer, and as an Advanced Item Writer for the FSBPT, with prior service to American Board of Physical Therapy Specialties. Quiben is a Fellow of the APTA Leadership Institute and a Fellow of the Tom Waugh Leadership of the Texas Physical Therapy Association. Dr. Quiben is a member of the Academy of Neurologic Physical Therapy’s Movement System Task Force.

ANGELA RICH, PT, ScD, ATC

Angela Rich, PT, ScD, ATC earned a Bachelor of Science degree in Athletic Training from Southern Illinois University in 1984 and Physical Therapy from Texas State University in 1994. She completed her Doctor of Science degree in Physical Therapy from Texas Tech University Health Science Center in 2011. She was awarded her Manual Therapy Certification from the International Academy of Orthopedic Medicine in 2010 and Board Certification in Orthopedics from ABPTS in 2015. Dr. Rich was a private practice owner for 16 years, specializing in orthopedics and sports medicine. In 2015, she turned her focus to teaching as an Assistant Professor at Texas State University’s Doctor of Physical Therapy Program with responsibilities in orthopedics and therapeutic interventions. In 2017, Dr. Rich was recognized with the Faculty Excellence Award in Teaching for the Department of Physical Therapy and the College of Health Professions. Her research agenda focuses on the identification of movement system dysfunction and impairment-based intervention.

BETH RIEMERSMA, PT, DPT, ATC, LAT

Beth Riemersma PT, DPT, ATC, LAT earned her Bachelors of Liberal Arts from Concordia University. Dr. Riemersma went on to receive her Doctorate of Physical Therapy from Creighton University before moving to Houston, TX to pursue her career as a physical therapist. Since then, Dr. Riemersma has worked in the outpatient orthopaedic setting with a focus in sports allowing her to sit for the Sports Certification exam and has been recognized by the ABPTS as a board-certified Sports Specialist. She is also certified as an Athletic Trainer since 2002 and Texas-licensed Athletic Trainer since 2016. Dr. Riemersma is currently a fellow-in-training with Institute of Athletic Regeneration Sports and Orthopedic Manual Therapy Fellowship. Beth is currently a member of the APTA Sports and Orthopaedic Sections, TPTA, and APTA. Her specialties and interests include working with Crossfit and volleyball athletes, sports and orthopedic manual therapy.

TIFFANY ROCKFORD, PT, DPT

Tiffany Rockford, PT, DPT received her Doctorate in Physical Therapy in 2015 from the University of Texas Health Science Center at San Antonio. She worked at Baptist Healthlink Northeast in San Antonio in the outpatient setting, and at Baylor University Medical Center in the cardiopulmonary and orthopedic settings. Clinical interests include orthopedics, neurologic population, and vestibular rehabilitation. In her spare time, she enjoys watching movies, and spending time with her family and pets.

DAMIAN RODRIGUEZ, PT, DPT

Damian Rodriguez, PT, DPT was born and raised in McAllen, TX, speaking both Spanish and English. He recently completed his neurologic residency at Texas State University. His clinical experience includes Health Link and University Hospital in San Antonio and St. David’s in Austin where he gained experience utilizing his medical Spanish communication skills. Mr. Rodriguez has developed an instrument to assist physical therapists who speak English when treating patients who speak Spanish in the acute care setting.

JILL SEALE, PT, PhD

Jill Seale, PT, PhD has been a licensed physical therapist for 20 years. She received Board Certification in the area of Neurologic Physical Therapy from the American Physical Therapy Board of Clinical Specialists in 2004 and recertification in 2014. She has practiced almost exclusively in the field of brain injury and stroke rehabilitation. She has a variety of teaching experiences, in physical therapy academia as well as in the health care community at-large. She is currently faculty in the DPT program at South College. She has served as core faculty at the Baylor College of Medicine Master of Orthotics and Prosthetics program, and teaches in several online and onsite continuing education programs. She has taught and presented in the areas of neurologic pathology, rehabilitation, gait, orthotics, mentoring, and research, and is currently involved in clinical research in stroke rehabilitation, orthotic management, and gait analysis/rehabilitation.
**SPEAKER BIOS**

**BRETT SINGER, RD, MS, CSSD, LD**
Brett Singer, RD, MS, CSSD, LD is a sports dietician at Memorial Hermann IRONMAN Sports Medicine Institute. He earned his BS in Nutrition from Texas Christian University and his MS in Nutrition from Texas Woman’s University. In addition to his role with Memorial Hermann, he currently serves as the sports dietician at Houston Baptist University, Sugar Land Skeeters Baseball, and the Athlete Training and Health NFL Combine and Pro Day Camp. Mr. Singer is also an Adjunct Professor in the Master of Athletic Training Program at University of Houston.

**AMANDA STUKEY, PT, DPT**
Amanda Stukey, PT, DPT received her Bachelors of Science in Kinesiology at Texas A&M University in 2009. She graduated with a Doctor of Physical Therapy from UT Southwestern Medical Center in 2012 and since that time she has focused on pediatric sports orthopedic physical therapy with Cook Children’s Hospital in the Fort Worth, TX area. She was awarded her specialty in Sports Physical Therapy in 2015. Dr. Stukey is also active in research and is currently investigating and outcome measure for pediatric lower extremity orthopedic injuries. Dr. Stukey was a multi-sport athlete in high school and became interested in physical therapy after rehabilitating an ACL injury her senior year of high school. Dr. Stukey is passionate about ACL rehab, evidence-based treatment and improving family-centered care in efforts to improve outcomes in her patients. Dr. Stukey is not only active in her profession, but also in her community. She is a part of numerous outreach events connected and not connected to Cook Children’s to promote the profession of physical therapy and overall health and wellness in the community.

**DEXTER UPTON, PT, DPT, FAAMPT**
Dexter Upton, PT, DPT, FAAMPT graduated with his Bachelor’s in kinesiology from Texas A&M University in 2009 and a Doctorate in Physical Therapy from Texas Woman’s University in 2013. Following graduation, he completed Memorial Hermann’s Sports Residency, graduating in 2014. Since completing his residency, Dr. Upton has become board-certified in orthopedics and sports while completing his fellowship through OPTIM’s Manual Therapy Fellowship in 2016. Currently, Dr. Upton works as senior faculty and mentor for Memorial Hermann’s Orthopaedic and Sports Residencies and is a clinical mentor for OPTIM fellows-in-training. His interest is in bridging the gap between orthopedic and sports practices.

**CAROLYN UTSEY, PT, PhD**
Carolyn Utsey, PT, PhD is Chair and Professor with Tenure in the School of Health Professions Department of Physical Therapy at UTMB Health. She received her BS from Baylor University in 1973, certificate in Physical Therapy from UT Southwestern School of Allied Health Sciences in 1973, and her PhD in Educational Psychology and Individual Differences from the University of Houston in 2006. She holds the Jeannette Winfree Endowed Chair, is a 2010 recipient of the William Gould Memorial Outstanding Faculty Award; is a 2015 recipient of the Regents Outstanding Teaching Award; and was inducted as a member of the University of Texas System Kenneth I. Shine, MD, Academy of Health Science Education in 2015. Academic and clinical areas of expertise include pelvic health, motivational beliefs and teaching/learning strategies, global health, and community and international service-learning. Dr. Utsey has a passion for excellence in teaching, research and service and strives to lead others towards excellence.

**AMY WALKER, PT, DPT**
Amy Walker, PT, DPT earned her BS in Health Education from Texas A&M University in 1988. She worked for many years in various community health and city government organizations in the training and development field. She then returned to school to pursue a career in physical therapy. She earned her physical therapy Master’s degree from UT Southwestern in 2003, then completed her DPT in 2011 from Texas Tech. She has worked in acute/hospital, skilled nursing, acute inpatient rehab, home health, and outpatient settings. She was a physical therapy faculty member at UT El Paso before moving back to the Dallas-Fort Worth area in 2009. Since then, she has focused on outpatient orthopedics, earning OCS certification in 2013. She is a clinical instructor as well as adjunct faculty member for a PTA program at a local community college. She enjoys helping students become adept and confident in their skills, and enjoys helping colleagues plan and implement successful clinical education rotations.

**AMY WALTERS, PT, DPT**
Amy Walters, PT, DPT is a physical therapy instructor at the University of St. Augustine in Austin, TX. She has worked as a physical therapist for 18 years in outpatient, sports medicine, geriatrics, and home health. She is also a yoga instructor.

**RODNEY WELSH, PT, OTR, PhD**
Rodney Welsh, PT, OTR, PhD initially began his career as a law enforcement officer but soon realized that rehabilitation was his true calling. He was accepted into the School of Occupational Therapy at the University of North Texas Medical Branch and graduated from the OT program in 1997. Dr. Welsh began his therapy career at Clear Lake Regional Hospital in Webster, TX. Wanting to expand his expertise, Dr. Welsh returned to the School of Health Professions and obtained his Master’s degree in Physical Therapy in 2004. Dr. Welsh began working as a staff and supervising Physical Therapist at UTMB and completed his PhD in Rehabilitation Sciences from UTMB in 2016. He has taught as a full-time Assistant Professor in Occupational Therapy program and Adjunct Clinical Instructor in the Physical Therapy program at UTMB. Dr. Welsh is currently practicing as an acute care PT at UTMB and teaching part time in both the PT and OT programs. He also holds an Assistant Professor position at the Department of Rehabilitation Sciences. Dr. Welsh’s research interests are healthcare utilization and rehabilitation outcomes.

**LAURA WIGGS, PT**
Laura Wiggs, PT has been a licensed physical therapist for 26 years and has practiced almost exclusively in the field of brain injury and stroke rehabilitation. She is faculty for the Harris Health Neurologic Physical Therapy Residency. She has taught many continuing education courses for rehabilitation professionals in the areas of hypertonicity management and brain injury rehabilitation. Dr. Wiggs has contributed to many book chapters and articles on hypertonicity management. Dr. Wiggs is an ABPTS-certified specialist in neurology.

**DANIEL WINGARD, PT, DPT**
Danial Wingard, PT, DPT received his Doctor of Physical Therapy from Texas Woman’s University in Houston in 2012. He is currently working on his PhD in Physical Therapy at Texas Woman’s University with an emphasis in asymmetrical movement during functional activities in survivors of chronic stroke. He has worked at TIRR Outpatient Kirby Glen for 5 years. He is currently part of the Challenge Program, a community integration program for survivors of brain injury, and clinically focuses on chronic stroke and brain rehabilitation including working with individuals with ataxia. He is Co-Chair of the Research Committee at TIRR Outpatient, Co-Chair of the Outcomes Measure Initiative at TIRR Outpatient, and member of the therapy team that was awarded the 2014 TIRR Innovation Grant.
GENERAL INFORMATION

CONFIRMATION LETTERS
Registration confirmation letters are sent via e-mail to the address listed on your registration form.

DRESS
Educational Offerings: Casual to business casual
Please Note: Temperatures in meeting rooms may vary

SPECIAL NEEDS
If you have special dietary needs or if you require any special services or auditory aids in accordance with the Americans with Disabilities Act, please be sure to check the appropriate line on the conference registration form. You will be contacted to confirm your special needs.

CANCELLATION/REFUND
Written notice of cancellation(s) received in the office of TPTA by October 6, 2017 will entitle the cancelling party to a refund of monies submitted minus a 25% handling fee. No refunds will be allowed for cancellation(s) made after October 6, 2017.

FEE STRUCTURE
Regular rate applies to registrations received by fax or postmarked by the U.S. Postmaster by October 6, 2017. Any registrations received or postmarked after October 6, 2017 are subject to onsite fees.

REGISTRATION FEES

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Full Conference Registration includes continuing education courses, the exhibit hall, and lunches.

Friday-Only & Saturday-Only Registration includes continuing education courses, the exhibit hall, and lunch for the day.

Sunday-Only Registration includes continuing education courses.

If you would like to volunteer to be a course Proctor please sign up at the TPTA website.

You must be a current APTA/TPTA member to volunteer. Both of these requirements will be checked before placement in a volunteer position is made.

Do not register for conference until you have received a confirmation regarding your volunteer slot. You will receive a discount of $40.00 off your registration fee if you are selected.

Three Easy Ways to Register:

- Online: Register Online at www.tpta.org. Select the registration link and complete your registration form right from your desk. Visa and Mastercard only.
- Fax: (512) 477-1434, available 24 hours a day
- Mail: Send the registration form to Texas Physical Therapy Association (TPTA), 900 Congress Avenue, Suite 410, Austin, TX 78701

Payment must accompany registration.

Please note: We are unable to accept registrations over the phone.
REGISTRATION FORM

First Name: _____________________________   Last Name: _____________________________

Address: ______________________________________________________________________________________________

City: ___________________________________________  State: _________________________  Zip: _________________________

Daytime Phone: _____________________________  E-mail: _______________________________________________________

APTA Member Number: _______________________________  (Required for conference fee discount)

Special arrangements due to a disability? ____Yes ____ No            Do you have dietary restrictions?  ______  Yes  ______  No

Emergency Contact Name*: ____________________________________________________________  Emergency Contact Phone*: ________________________

*Required information, there will be a delay in processing your registration if this information is not provided.

Full Conference   $________
Day Registration   $________
Exhibit Hall Pass   $ 75.00

☐ I am staying in the TPTA room block
If not, I am staying at ______________________________

Please choose only one course for each time that corresponds with your registration

FRIDAY COURSES

1:00 PM - 4:00 PM (3 CCUs)
☐ Payment and Practice Panel
☐ Transforming Society: Optimizing the INFANT and CHILD Movement Experience
☐ Back Pain: Supraphysiologic Loading & Return to Sport
☐ Pelvic Floor Physical Therapy: Treatment Procedures
☐ Factors which Influence Motor Learning: Merging Psychological and Movement Science Evidence into Practice
☐ Application of Common Field Exercise Tests in Physical Therapy Practice
☐ Motivational Interviewing for the Pediatric Athlete: A Collaborative Approach
☐ Cervicogenic Dizziness: A Condition of Sensory Mismatch

SUNDAY COURSES

8:00 AM - 12:00 PM (4 CCUs)
☐ Leadership in Post-Graduate Physical Therapy Education: Looking for #AgentsofChange

8:00 AM - 10:00 AM (2 CCUs)
☐ The Influence of the Placebo Response on Pain Perception and PT Outcomes

10:00 AM to 12:00 PM (2 CCUs)
☐ The Athletic Hip: Beyond FAI, Extra-Articular Hip Impingements

SATURDAY COURSES

8:00 AM - 6:30 PM (with breaks) (7 CCUs)
☐ A Paradigm Shift: Reconciling Pain, Exercise, and Manual Therapy for the Treatment of Pain

8:00 AM - 11:00 AM (3 CCUs)
☐ Fall Prevention: Strategies and Tactics Across the Lifespan
☐ Medical Spanish for the Acute Care Setting
☐ Taking the Right Steps in Managing Knee Osteoarthritis: Integrating Biomechanical Research and Clinical Practice
☐ Management of Shoulder Osteoarthritis and Rehabilitation Guidelines Following Anatomic and Reverse Total Shoulder Arthroplasty
☐ Physical Therapy for Children with Cerebral Palsy: Evidence-Based Approach
☐ Age-Related Hyperkyphosis: Causes, Clinical Impact and Assessment
☐ Treatment of Sensory Processing Modulation

2:00 PM - 6:30 PM (with breaks) (4 CCUs)
☐ Vestibular Evaluation and Treatment in the Acute Care Setting
☐ Clinical Instructor Certification Course
☐ "It's All in Your Head": Clinical Neuroanatomy of Cortical Strokes
☐ Faculty Summit: A Collaboration Among PT and PTA Program
☐ Faculty to Advance the Education of Future Clinicians

2:00 PM - 4:00 PM (2 CCUs)
☐ Blood Flow Restriction (BFR): Clinical Applications for Rehabilitation and Recovery
☐ The Missing Piece with Athlete Rehabilitation: Unstable Load Training with the Asymmetrical Athlete
☐ The Error of our Ways: A Novel Approach to the Rehabilitation of Acquired Brain Injury Induced Ataxia
☐ What is Femoroacetabular Impingement, Does It Matter, and How is it Managed?

4:30 PM - 6:30 PM (2 CCUs)
☐ Autoimmune Disorders: Rheumatology
☐ The Achilles Heel of PT: Update on Management and Rehabilitation for Achilles Tendon Ruptures
☐ Nutrition for Sports Medicine Injuries
☐ Abnormal is the New Normal

Payment Information:
☐ Check (Make checks payable to TPTA)
☐ Credit Card (Do not include your credit card number, you will be invoiced)

Signature: ___________________________

Total Amount: $_____________________

Send registration to: TPTA, 900 Congress Ave, Suite 410, Austin, TX 78701 or fax to (512) 477-1434. Cancellation Policy: Written notice of cancellation(s) received in the office of TPTA by October 6, 2017 will entitle the cancelling party to a refund of monies submitted minus a 25% handling fee. No refunds will be allowed for cancellations made after October 6, 2017. Fee Structure: Early rate applies to registrations received by fax or postmarked by the U.S. Postmaster by September 8, 2017. Regular rate applies to those received by fax or postmarked by the U.S. Postmaster by October 6, 2017. After October 6, 2017, all registrations must be onsite at the Conference. Liability Release: I absolve TPTA of responsibility and personally assume responsibility for damages to property or bodily injuries resulting from my actions. I understand that minors attending the Annual Conference are prohibited from consuming alcoholic beverages during Annual Conference activities.