

CURRICULUM VITAE

Marsha Rutland, PT, BSPT, MEd, ScD, OCS, COMT, C-DN, CSCS August 2024
Box 16065, Abilene, TX 79698
1325 Pine St, Abilene, TX 79601
325-670-1337
Hardin-Simmons University, Doctor of Physical Therapy Program

Education:

Sc.D. in Physical Therapy with emphasis in Orthopedics
Texas Tech University Health Science Center May 2008
Lubbock, TX (2003-2008)

M.Ed. Sports and Recreation Management/ Fitness May 2002
Hardin-Simmons University (2000-02)
Abilene, TX

B.S. in Physical Therapy 1979 (1978-79)
University of Texas Health Science Center
Dallas, TX

No degree; Pre-Physical Therapy 1976 - 78
University of Texas
Austin, TX

No degree; General Education 1975 - 76
Howard Payne University
Brownwood, TX

Licensure Information/Registration Number:

- Physical Therapy License, Texas # 1023372 (since 1979; expires February 2026)

Certifications

- Certified Dry Needler (C-DN) through IAOM-US: since January 2017
- Graston Practitioner: since 2-16
- Certified Orthopedic Manual Therapist (COMT) of Extremities through International Association of Orthopedic Manual (IAOM) Therapy, July 2007
- Certified Strength and Conditioning Specialist, #200322104 (since 2003), recertified 2020
- Certified American Board of PT Specialists: Orthopedic Clinical Specialist (OCS), (since 2003), recertified 6-2011 till 6-2023
- CPR Certification, American Heart Association (since 1978; Jan 2026)
- Certified in Impairment Ratings in the State of Texas (since 1996; expired July 2009)
- Jobst Certification for Jobst Fitter #974178, (Dec 2001)
- Strength Training Specialist (STS) International Weightlifting Association #025326, (Sept 2000)
- Advanced Ergonomics Certified Ergonomic Specialist (1993)
- Worksteps Certified Provider (1993) till present

Memberships:

APTA/TPTA: (America Physical Therapy Association/Texas Physical Therapy Assc) 42386
Sports member
Orthopedic member

Education member: Anatomy SIG
NCSA (National Strength and Conditioning Association)
AACA (American Association of Clinical Anatomists)
AAA (American Association of Anatomists)

Provider numbers:

NPI: 1437143468
 Medicare: 8A8368
 Medicaid 058385802
 Tricare: A004
 BCBS: 8T1382
 CAQH: 10777600

Employment and Positions Held:

ACADEMIC APPOINTMENTS:

Hardin-Simmons University, Department of Physical Therapy, Abilene, TX 79698

- Professor, Tenured 2018-present
- Associate Professor, Tenured 2009- 18
- Assistant Professor 2004 - 09
- Instructor 2002 – 04
- Visiting Assistant Professor 2000 – 02
- Guest Lecturer 1997- 2000

ADJUNCT APPOINTMENTS:

Hardin-Simmons University Department of Physical Therapy, Abilene, TX 2020- present
 Director of HSU Anatomy Certification Program

Hardin-Simmons University Department of Physical Therapy, Abilene, TX 2015-2016
 Transitional Doctorate of Physical Therapy

Rocky Mountain University of Health Professions, Provo, UT 2012-2015
 Transitional Doctorate of Physical Therapy

CLINICAL EMPLOYMENT:

Staff Physical Therapist, Part time	West Texas Rehab Center/ Work and Rehab, Abilene, TX	5/2008- present 2003 – 5/2008
Staff Physical Therapist, Clinical Instructor & Safety/Infection Control Coordinator	HealthSouth/Work Assessment Center Abilene, TX	1992 – 2003
Physical Therapy Manager, Clinical Instructor, Safety Instructor for Back Injuries & Prevention, Cardiac Rehab for Humana Wellness Center	Humana Hospital Abilene Abilene, TX	1987 – 92
Physical Therapy Consultant	Abilene State School, Abilene, TX	1985 – 87
Physical Therapy Consultant	Fitness Racquet, Abilene, TX	1985
Staff Physical Therapist	West Texas Rehabilitation Center	1984 - 87

	Abilene, TX	
Physical Therapist	Abilene Home Health Professional Care Abilene, TX	1984 - 87
Physical Therapist	Outreach Home Health Agency Abilene, TX	1984 - 86
Physical Therapist	West Texas Medical Center (Humana Hospital) Abilene, TX	1984 - 87
Staff Physical Therapist	Overall-Morris Hospital Coleman, TX	1982 - 83
Staff Physical Therapist	West Texas Rehabilitation Center	1979 - 82
Clinical Instructor	Abilene, TX	

CLINICAL INSTRUCTOR: for 20 years in Abilene area

Clinical Instructor, Hardin-Simmons University Physical Therapy Program, Abilene, TX	1996 – 2000
Clinical Instructor, Texas Tech University Physical Therapy Program, Lubbock, TX	1988 – 2000
Clinical Mentor, Abilene Independent School District, Abilene, TX	1998 – 2000
Clinical Instructor, West Texas Rehab Center for multiple PT programs	1980 – 1982

PEER REVIEWED PUBLICATIONS:

Rutland, MD, Tammany J, Trammell T. Ossification of the Posterior Longitudinal Ligament. *J Ortho Sports Phys Ther.* JOSPT Cases 2023;3(2):1-2. Epub: 13 March 2023.
doi:10.2519/josptcases.2023.10929

Rutland, MD, Gray M. “Thrower’s Fracture”- A Humeral Fracture. *Integr J Orthop Traumatol.* 2020;3(1):1-2.

Rutland, MD, Harris R. Synovial Chondromatosis with Os Trigonum. *Integr J of Orthop Traumatol.* 2019; 2(2)1-2.

McMurray, J. Rutland MD. An Exploratory Examination of a Treatment Based Classification Algorithm to Treat Lateral Epicondylalgia: A Case Series- submitted to *Journal Canadian Chiropractic Association*-2017

Rutland, MD, O’Connell DG, Brismee JM, Sizer P, et al. Evidence Supported Rehabilitation of Patellar Tendinopathy. *North Amer J of Sports Phys Ther.*2010; 5(3):166-178.

O’Connell J, Rutland M, O’Connell D. Grip strength of Texas Special Olympians. *Perceptual and Motor Skills* 2006. 102; 461-466.

Cotton L, O’Connell DG, Rutland M. Mismatch of school desks and chairs by ethnicity and grade level in middle school. *WORK*, 2002. 18:269-280.

PEER REVIEWED PUBLICATIONS: AUDIO-VISUAL:

Eccentric Exercise Program produced by Visual Health Information (VHI): 9-10

Evidence Supported Management and Prevention of Chronic Tendinopathy produced by Trinity Healthforce Learning (TFL), 2008

Evidence Supported Management and Prevention of Chronic Tendinopathy: 3 hr online continuing education course offered by TPTA, 2008

PEER REVIEWED SCIENTIFIC AND PROFESSIONAL PRESENTATIONS:

POSTER: (50+ presented over past 20 years)

Rutland, Marsha, Anemaet Wendy, Davidson AJ, Leimann S, Miller D, Pevehouse A, Seymour C. *Hypermobility and the Prevalence of Associated Symptoms in Females 41 years and Older.* (Poster) CSM-APTA, Boston, MA 2-15-2024

Rutland, Marsha D, Armstrong M, MacIntyre, Christian. *Evaluation of Education of the Human Cadaver with High School Students.* American Association of Anatomists Regional Meeting, San Antonio, TX 10-7 23.

Rutland, Marsha D., Karla M. ESPINOSA, Alyssa K. PEVEHOUSE, Sarah M. BROOKS, and Austin P. ALEXANDER. *Muscular Axillary Arch from Bilateral Latissimus Dorsi and its Clinical Implications.* American Association of Clinical Anatomists Annual Conference, Ft. Worth, TX 6-15-22

Alexander, Austin P., Kathryn NORTON, and Marsha D.Rutland. *Midsagittal Dissection of the Brain in Situ.* American Association of Clinical Anatomists Annual Conference, Ft. Worth, TX 6-14-22

Rutland, Marsha D., and Cheyanne N. HAMILTON. Department of Physical Therapy, Hardin-Simmons University, Abilene, TX, 79698, USA. *Middle Ear Dissection in the Anatomy Cadaver Lab to Improve Future Education.* American Association of Clinical Anatomists Annual Conference, Ft. Worth, TX 6-15-22

Rutland M., Stueart H, Pruitt L, Angello K, Mannon C. *Speculation of Neurological Conditions in a Cadaver with Multilevel Stenosis.* American Association of Clinical Anatomists Annual Conference. Virtual Conference, 6-2021.

Alexander A, Rutland M, Armstrong M, Mott N, Lotrich K, McIntosh M. *Spinal Arachnoid Calcifications vs. Arachnoiditis Ossificans- A Discovery of Two Disease Processes.* American Association of Clinical Anatomists Annual Conference. Virtual Conference, 6-2021.

Rutland M., Alexander A, Arnold A, Herbel S, Johnson P, Yowell K. *Abnormal Clavicle and Accessory Subclavius Posticus Muscle.* American Association of Clinical Anatomists Annual Conference. Virtual Conference, 6-2021.

Alexander A, Norton K, Rutland M. *Anatomic Variation of Musculocutaneous Nerve.* American Association of Clinical Anatomists Annual Conference. Virtual Conference, 6-2021.

Rutland M., Fisher K, Lopez C, Pilcher L. *Cervical ROM Acute Changes with Dry Needling of the Levator Scapulae.* Virtual APTA-CSM 2-2021

O'Connell J, Rutland M, Haverlah S, Hardage C, Craigs mile M. *Use of Mnemonics in First Year DPT Students.* Virtual APTA-CSM 2-2021

Rutland, M., O'Connell D, Richter A, Sammann M, Stuart M, Taylor K. *Diagnostic Ultrasound of Transverse Abdominis with Double Limb Lowering Test.*(poster). APTA-CSM. Denver, CO 2-13-20

Rutland M., O'Connell J, Eames J. *What to Discuss before Entering the Human Cadaver Dissection Lab: Student Preconceived Perceptions*(poster). APTA-CSM. Denver, CO. 2-14-20

Rutland MD. Armstrong M, Graves M, Richter A, Sammann M, Walling A. *Could a Large Umbilical Hernia be Associated with a Connective Tissue Disease?* (poster). American Association of Clinical

Anatomists Annual Conference. Tulsa, OK 6-12-19

Armstrong MJ, Rutland MD, Baker KN, Ball AE, Dees EE, Ivey JM. *Lower Abdominal Muscle Strength: Correlation of Double Limb Lowering Test and Prone Plank Test (poster)*. APTA Next Annual Convention. Chicago, IL. 6-13-19

Rutland MD, O'Connell D, Armstrong M, Van Cleave, L. *Interprofessional Collaborative Teaching of Patient Transfers by Doctoral Physical Therapy Students to First Year Nursing Students (poster)*. APTA-ELC. Jacksonville, FL. 10-12-18

Rutland, MD, Allen L, Ball A, Morris A, Westbrook M. *The Possibility of Saint's Triad and the Diagnostic Implications for a Physical Therapy Student (poster)*. American Association of Clinical Anatomists Annual Conference. Atlanta, GA. 7-11-2018

Rutland, MD, Armstrong M, Carter B, Flores S, Nfodjo A, Spruiell J. *Upright Pose versus Thoracic Roll stretch and its effect on Posture in Sedentary Office Workers (Poster)*. APTA- NEXT Conference, Orlando, FL, 6-29-18

O Connell D, O'Connell J, Rutland M. *A Comparison of Four Ability Tests in Young Adults. (poster)* APTA-CSM- New Orleans, LA. 2-17-18.

Rutland MD, Hinman MR, Bruton C, Loney R, Rawlings J, Shults B. *Immediate Effects in Shoulder Range of Motion with Three Different Techniques. (Poster)* APTA-CSM-San Antonio, 2- 2017

Brewer JB, Rutland MD, Heald C, Henderson C, Schimpf M, Shaver C. *Diagnostic Implications of a Student's First Patient: Findings Beyond the Given Cause of Death of Pneumonia and Congestive Heart Failure. (Poster)* Submitted to CSM-San Antonio, 2- 2017

Armstrong MJ, Rutland MD, O'Connell JK, Adamcik CR, Brumley KJ, Newberry SN. *Normal Hold times of the Modified Side-Bridge in Subjects 30 Years and Older. (Poster)* CSM- San Antonio, 2- 2017.

Rutland MD, Lewis B, Howell L Jones K, Moser M. *Effects of Crossing Legs on Hip Strength and Range of Motion. (Poster)* Submitted: TPTA Meeting- Ft. Worth, 10-29-16

O'Connell_DG, Rutland MD, O'Connell JK, Garrett M, Everett S. *Acute Care Confidence before and after an Entry-level Cardiopulmonary Patient Management Course. (Poster):* TPTA Meeting -Ft. Worth, TX, 10-29-16

Rutland MD, Brewer JB, Heald C, Henderson C, Schimpf M, Shaver C. *Diagnostic Implications of Paget's Disease in a Physical Therapy Cadaver Lab. (Poster)* American Association of Clinical Anatomists(AACA). Oakland, CA, 6-16-2016.

Rutland, MD, Kent, S. *Creative Teaching Methods to Facilitate Learning in the Anatomy Lab. (Poster)* American Association of Clinical Anatomists (AACA). Oakland, CA, 6- 14- 16.

Rutland, MD, Furnary, V; Hodges H, Walker K, Dagenais K. *The Relationship Between Functional Movement Screen™, BMI, and Division I, II, and III Female Collegiate Volleyball Players.* APTA CSM- Anaheim, CA. 2-18-16

Rutland, MD, Reed AM, Cox JA, Uechi WM, Clark CE. *Shoulder Injuries, ROM, and Muscle Strength in Collegiate Baseball Players (Poster)*. TPTA Annual Meeting, Arlington, TX. 10-24-15

Rutland MD, O'Connell J. *Benefits of a clinical anatomy review course to healthcare professionals (poster)*. American Association of Clinical Anatomists (AACA) Annual Meeting, Henderson, NV. 6-12-15.

Rutland MD, Rawlings J, Loney R, Ault K, Brumley K. *Diagnostic Implications of a Popliteal Cyst in*

Physical Therapy Education(poster). American Association of Clinical Anatomists (AACA) Annual Meeting, Henderson, NV. 6-11-15.

O'Connell D, Dugan B, Manly S, Rutland, M. *The effects of fatigue on Functional Movement Screen performance in female collegiate athletes* (poster). Presented at APTA CSM 2015, Indianapolis, IN. 2-5-15

Rutland, MD, Allen, C, Ehrke M, Urbanek S. *Internal Hip Rotation Combined with Ankle Dorsiflexion Activates the Vastus Medialis Oblique(VMO)* (Poster). American Physical Therapy Association Annual NEXT Conference, Charlotte, NC. 6-13-14.

Rutland, MD, Dillman, BM, Gohlke CW, Hierholzer JK, Leatherman GD, Gilliland DJ. *Functional Movement Screen and the Risk of Injury in Collegiate Athletes* (poster). Combined Section Meeting-APTA. Las Vegas, NV. 2-4-14.

Rutland, MD, Clopton S, McCormick JB, Montgomery SB, Wheeler KA. *Core and Lower Extremity Strength and Flexibility in Distance Runners* (poster). Texas Physical Therapy Association Annual Meeting (TPTA), Arlington, TX 10-26-13.

Rutland, MD, Dillman, BM, Gohlke CW, Hierholzer JK, Leatherman GD, Gilliland DJ. *Relationship of the Functional Movement Screen™, Gender, and Beighton Scale in Collegiate Athletes*(poster).Texas Physical Therapy Association Annual Meeting (TPTA), Arlington, TX. 10-26-13.

Rutland, MD, Clopton S, McCormick JB, Montgomery SB, Wheeler KA. *Relationship of Core and Lower Extremity Strength and Flexibility in Runners* (poster). American Physical Therapy Association (APTA) Annual Meeting, Salt Lake City, UT 6-28-13

Rutland MD, Palmer L, Zimmerman T .*Recruitment of Core Musculature During Three Variations of Abdominal Stabilization Exercise s*(poster). American Physical Therapy Association (APTA) Annual Meeting, Tampa Bay, FL. 6-9-12.

Rutland MD, Palmer P, Schofield L, Dudensing A, Copeland T. *Recruitment of the Transverse Abdominis, Internal Oblique, and Lumbar Multifidus During Core Strengthening Exercises using Rehabilitative Ultrasound Imaging*(poster). American Physical Therapy Association (APTA) Annual Meeting, Tampa Bay, FL. 6-9-12.

Rutland MD, O'Connell JK, Fisher LR, Harrison JL. *Abdominals and Hip Abductor Strength as Predictors of Lower Extremity Injuries in Female Collegiate Athletes* (poster). American Physical Therapy Association Combined Section Meeting, New Orleans, LA 2-12-11.

Rutland MD, O'Connell DG, Fadal C, York G, Richards T. *The effects of head position on muscular strength and recruitment of spinal stabilizers during the isometric squat* (poster). American Physical Therapy Association Combined Section Meeting, New Orleans, LA 2-12-11.

Palmer P, Rutland, MD, Bruce M, Caudle A, Johnson A. *The Neural Provocation Test for the Median Nerve: Evidence for Validity of Inferences* (poster). American Physical Therapy Association Combined Section Meeting, San Diego, CA. 2-20-10

O'Connell J, Rutland, MD Warminski RA, Massey SL, Chambers SE. *Building Trust: Attributes Related to the Physical Therapist-Patient Relationship* (poster). American Physical Therapy Association Combined Section Meeting, San Diego, CA. 2-19-10.

Wilson, E, Rutland MD. *Immediate and Short-Term Effects of Grassroots Training on Clinical Instructors' Attitudes in Performing and Supervising Thrust Joint Manipulations at the Spine Following One Day of Training*(platform). AAOMPT Annual Conference, Washington, DC, 10-18, 2009.

Rutland, MD, O'Connell JK, Fisher L, Harrison J. *The Pre-Season Screen: Tools to Identify Risk Factors for Lower Extremity Injury in Female Collegiate Athletes*(poster). American Physical Therapy Association (APTA) Annual Conference, Baltimore, MA , 6-09.

Rutland, MD, O'Connell JK, Ellis LK, Spies LK. *Assessment of the Effect of Two Stretches on the Flexibility of the Iliotibial Band (poster)*. Texas Physical Therapy Association (TPTA) Annual Conference, Lubbock TX, 10-2008.

O'Connell JK, Rutland, MD, Harrison J, Fisher L. *The Role of Dynamic Instability in Lower Extremity Injuries of Female Collegiate Athletes (poster)*. Texas Physical Therapy Association (TPTA) Annual Conference, Lubbock TX, 10-2008.

Rutland, MD, O'Connell JK, Fisher L, Harrison J. *Abdominal Strength as a Predictor of Lower Extremity Injury in Female Collegiate Athletes (poster)*. Texas Physical Therapy Association (TPTA) Annual Conference, Lubbock, TX, 10-2008.

Rutland, MD, Friberg R, O'Connell D, Jones T, Leach M, Murphee B. *Brief Isometric Hip Adduction Exercise Facilitates Vastus Medialis Oblique(VMO) Recruitment (poster)*. American Physical Therapy Association (APTA) Annual Conference, San Antonio, TX 6-12-08.

Rutland MD, O'Connell J, King S, Rosenbaum. *Shoulder Abduction Endurance Test in Subjects with Shoulder Pathology. (poster)*. Texas Physical Therapy Association (TPTA) Annual Conference, Galveston, TX 10-07.

Friberg R, Palmer P, Rutland M. Borcik J, Conrad J, Garard J: *Three methods of determining subtalar joint neutral: a study of interrater reliability (poster)*. Texas Physical Therapy Association (TPTA) Annual Conference, Houston, TX, 10-05.

Rutland MD, O'Connell JO, O'Connell DG: *Evaluation of grip strength in the Special Olympic population (poster)*. American Physical Therapy Association (APTA) Combined Sections Meeting (CSM), New Orleans, LA, 2-05. Abstract published in *Journal of Orthopaedic and Sports Physical Therapy*, 2005.

Rutland MD, O'Connell JO, O'Connell DG. *Positive changes affecting injury rates in a 2A girls basketball program (poster)*. TPTA Annual Conference, Austin, TX, 10-04.

Rutland M, O'Connell J, Taylor JM. *Association of meniscal injuries to elevated treadmill walking and level-surface walking*. APTA Combined Sections Meeting, Nashville, TN, 2004. Abstract published in the *Journal of Orthopaedic and Sports Physical Therapy*, 34:A27, 2-04.

Rutland M, O'Connell D, Martin JL, Patel NR, Blankenship BP. *Comparison of the Bodyblade™ and PVC Pipe exercise through electromyographic study*. APTA Combined Sections Meeting, Nashville, TN, 2004. Abstract published in the *Journal of Orthopaedic and Sports Physical Therapy*, 34:A43, 2004

Trammel M, Gates T, Rutland M, O'Connell JK, O'Connell DG: *Dynamic stretching and sprint gains are relate (poster)*. TPTA Annual Conference. Austin, TX, 10-03.

Rutland MD, O'Connell JK: *School personnel involved with athletes have little knowledge about the knee (poster)*. TPTA Annual Conference, Austin, TX, 10-03.

Garrett ML, Rutland MD, O'Connell JK: *Clinical instructors knowledge increases with clinical education instruction (poster)*. TPTA Annual Conference, Austin, TX, 10-03.

Rutland, MD, Byars A, O'Connell D: *The relationship of three measures of hamstring flexibility in a geriatric population (poster)*. TPTA Annual Conference, Austin, TX, 10-02.

Herbst S, Braly M, O'Connell J, Rutland M: *Examination of the use of modalities and stretching techniques on hamstring flexibility (poster)*. TPTA Annual Conference, Arlington, TX, 10-01

PEER REVIEWED CONTINUING EDUCATION COURSES CONDUCTED/ORGANIZED: (Peer-reviewed by APTA/TPTA)

- Don't Get Tunnel Vision! Carpal Tunnel Syndrome- Is It All in the Wrist? (HSU Lunch and Learn- 1 hr) 11-12-24
- Unusual Findings in the Anatomy Lab. HSU Lunch and Learn, 4-9-2024 (1 CCU)
- Mnemonics in Anatomy: Teaching Clinical Anatomy with Mnemonic Learning Strategies, TPTA Annual Conference, Georgetown, TX. 10-27-23 (2 hour)
- Loosey Goosey Hypermobility, Is There More? -CSM, San Diego, CA 2-25-2023 (2 hour)
- Myofascial Trigger Points: Is There More? HSU Lunch and Learn, 1-17-23 (1 hour)
- Mnemonics in Anatomy: Teaching Clinical Anatomy with Mnemonic Learning Strategies. ELC-Milwaukee, IL (2 hr) (10-30-22)
- American Association of Clinical Anatomists: Integration of Anatomy into Clinical Applications, June 16,2022, Ft. Worth, TX
- Clinical Case Anatomy Review/ lab: 9-hour course offered at HSU; 4-7-23, 4-1-22
- NEWmonics and OLDmonics: Revisiting Anatomy Recall through Mnemonics. 2-hour presentation at Combined Section Meeting-APTA, San Antonio, TX 2-5-22.
- Hypermobility: Is There More? 2-hour presentation TPTA Annual Conference, 10-30-21(online)
- Hypermobility: How Loose is Too Loose? Motivations: 2-17-22; 7-7-21; 2-4-21(3 CCU)
- Anatomical Mnemonics: HSU Lunch and Learn. 1-12-2021(1 CCU)
- Put Your Hand on My Shoulder: Shoulder Anatomy, Special Tests and Tricks of the Trade:TOTA, 9-26- 2020: (1 CCU)
- Hypermobility: Is There More? HSU Lunch and Learn (1 CCU) 3-3-2020
- Understanding Diagnostic Imaging: Results for Better Rehabilitation Practices.Motivations Webinar 4-17-19 (3 CCU)
- Creative Ideas for Teaching Anatomy short presentation to Anatomy SIG. APTA-ELC. Jacksonville, FL 10-13-18
- Would You Know It If You Saw It on a Diagnostic Image? HSU Lunch and Learn (1 CCU) 5-8-18
- Hip to Leg: Lower Quarter Anatomical Review: Combining Anatomy Review with Best Rehabilitation –Mobilization Treatment: 2-hour webinar: 11-28-18, 10-18, 4-18-18
- Head to Hand: Upper Quarter Anatomical Review: Combining Anatomy Review with Best Rehabilitation –Mobilization Treatment: 2-3 hour Motivations, Inc. webinar: 2-22, 4-21, 5-20, 10-19, 9-18, 3-18, 12-17, 9-17, 4-17, 1-17, 11-9-16, 9-13-16
- The Back Bones Connected to the Toe Bone: Lower Quarter Anatomical Review: Combining Anatomy Review with Best Rehabilitation –Mobilization Treatment -2 hr Motivations Inc. webinar: 4-18
- Knee Deep: Anatomical Review of Knee Structures Combined with Best Treatment Ideas: 2-hour Motivations Inc.Webinar: 10-12-16, 4-13-16
- Do I Know a Pain in the Neck When I See One? Special Tests for the Cervical Region. HSU Lunch and Learn (1 CCU) 5-12-15
- Clinical Anatomy for the Practicing Clinician:
 - April 5th, 2024 (9 CCUs) Unique Finds in the Anatomy Lab
 - April 7th, 2023 (9 CCUs) Case Based Scenarios in the Anatomy Lab
 - April 1, 2022 (9 CCUs) Case Based Scenarios in the Anatomy Lab
 - April 9, 2021 (9 CCUs) A Head-to-Toe Review:
 - April 5th, 2019 (8 CCUs) A Head-to-Toe Review:
 - April 6, 2018 (6 CCUs) A Head-to-Toe Review:
 - March 31st, 2017 (6 CCUs) A Head-to-Toe Review:
 - March 20th, 2015 (5 CCUs) A Head-to-Toe Review:
 - March 28th, 2014 (5 CCUs) A Head-to-Toe Review:
- “What Are We Doing to Our Knees” HSU Lunch and Learn (1 CCU) 12-4,2013

- Hamstring Injuries: Rehabilitation and Management: Webinar- Motivations (2 CCUs)
 - September 24, 2020
 - March 7, 2019
 - November 7, 2018
 - October 20th, 2014
 - July 21, 2014
 - April 21, 2014
 - October 17th, 2013
 - August 26th, 2013
 - July 22nd, 2013
 - June 17th, 2013
- Rehabilitation Exercises from Head to Toe: The Good, the Bad, and the Ugly Functional Exercises; Tricks of the Trade, Motivations, Inc. (8 CCU)
 - Seattle, WA 9-27-14
 - Abilene, TX 2-22-14
 - Fayetteville, North Carolina 11-9-13
 - Amarillo, TX 5-17-13
 - New Orleans, LA, 4-20-13
 - Columbia, TN 11-10-12
 - Columbia, SC 10-27-12
 - San Diego, CA 9-15-12
- Functional Core Movement Exercise Program – HSU Lunch and Learn, Abilene, TX 10-9-12
- The Good, the Bad, and the Ugly Functional Exercises. (10 CCU) Camarillo, CA 3-31-12
- Functional Movement Screen, sponsored by HSU Lunch and Learn (1 CCU), Abilene TX 11-8-11
- Rehabilitation Documentation Guidelines, West Texas Rehab Center, Abilene, TX (1.5) Abilene, TX 5-21-11
- Evidence Supported Overuse Injuries of the Upper and Lower Extremities, TPTA
 - Annual Conference, 10-16-10 (0.7 CCU)
 - Dallas, 6-25-10(7.0 CEU)
- Evidence Supported Overuse Injuries of the Upper and Lower Extremities, Motivations, Columbia South Carolina 7-18-10(0.8 CEU)
- Considerations for Safe and Effective Weight Lifting in Athletes, HSU Lunch and Learn, 4-13.10(0.1)
- Overuse Injuries of the Lower Extremity: Evaluation and Rehabilitation, Permian Basin TPTA-Odessa, TX (0.3) (4-10-10)
- Lab Assistant for Basic Cardiovascular, Pulmonary and Abdominal Screening in Physical Therapy Practice @ Combined Sections Meeting, American Physical Therapy Association, San Diego, CA (0.3) 2-20-10
- Rehabilitation Documentation Guidelines, West Texas Rehab Center, Abilene, TX (0.1) 2-6-10
- Hamstring Injuries/Tendinopathy: Evidence-Supported Diagnosis and Rehabilitation; Midwest District-TPTA meeting (0.1) 9-10-09
- Rehabilitation of Chronic Tendinopathies. Sponsored by Hardin-Simmons University, Abilene, TX (0.1 CEU),10-14-2008
- Exploring Sports Screenings: What is the Evidence? Sponsored by HSU Lunch and Learn(0.1CEU), Abilene TX 6-17-08
- Evidence-supported Practice for Prevention and Treatment of Tendinopathies (0.3 CEU), APTA Annual Convention, San Antonio, TX 6-14-08
- Evidence Supported Management and Prevention of Chronic Tendinopathy
 - Trinity Healthforce Learning (TFL) online course (0.2) 3-08
 - TPTA-Online course (0.3) 12-07 (Revenues from this course help support the TPTA)
 - HSU, Abilene, TX (0.7) 9-29-07
 - Odessa TX, (0.3) 8-25-07

- Speaker at 2007 Texas Faculty Summit, Sponsored by HSU, Abilene, TX 4/14/07
- Instructor: Clinical Instructor Certification Course (0.7), Sponsored by Hardin-Simmons University, Abilene, TX (0.65 CEUs), Aug 2006, May 2004, June 2003
- Ethics and Your Professional Responsibility: What's It to you? Sponsored by TPTA Midwest District/HSU (Abilene): 30 courses over 15 years (2.0 CCU):
 - 2017 January (Abilene)
 - 2016: January (Abilene)
 - 2015: January (Abilene)
 - 2014: January (Abilene), Hendrick-Abilene (September 23-24), October for Home health
 - 2013: January (Abilene)
 - 2012: January (Abilene), Hendrick-Abilene(September), Odessa(November)
 - 2011: November (Odessa),January (Abilene)
 - 2010: September (Hendrick-Abilene), April, (Odessa), January,(Abilene)
 - 2009: April (Odessa), January,(Abilene)
 - 2008: September,(Abilene), January,(Abilene)
 - 2007: August(Odessa), February, (Abilene)
 - 2006: October(Abilene), September(Odessa), March(Abilene)
 - 2005: October(Abilene), June (Abilene)
 - 2004: September(Abilene), August(Abilene)
 - 2003: June (Abilene)
 - 2002: October(Abilene)
- Core Stability, Sponsored by Hardin-Simmons University, Abilene, TX (0.1CEU) March, 2007
- Tendon Injuries: Prevention, Healing, and Treatment. Sponsored by Hardin-Simmons University, Abilene, TX (0.1 CEU), Jan 2006
- Color Your World. Sponsored by Hardin-Simmons University, Abilene, TX (0.1CEUs), Nov 2004
- Ultrasound Update for PTs and ATCs. Sponsored by Hardin-Simmons University, Abilene, TX (0.1 CEU), Mar 2004
- Rotator Cuff Rehabilitation for PTs and ATCs. Sponsored by Hardin-Simmons University, Abilene, TX (0.1 CEU), Sept 2003
- Knee Rehabilitation Overview. Sponsored by TPTA Midwest District (0.1 CEU), July 2003

FUNDED/IN REVIEW GRANT ACTIVITY: None

Other Scholarly Products:

- Doctoral Dissertation: *Evidence Supported Practice for Examination and Management of Most Common Chronic Tendinopathies*, May 2008. Published in TTU Dissertation abstracts.
- Master's Thesis: *The Relationship of Three Measures of Hamstring Flexibility in a Geriatric Population*, Hardin-Simmons University, 2002

CURRENT RESEARCH ACTIVITY: No funding for any of the following research activity

Served as research advisor for 60 student research groups over the last 10 years:

- A Survey of Anatomy Knowledge of High School Students Before and After a Cadaver Lab Experience.24-25 (Callen Weaver, Caitlyn Wilson, Abby Harrison, Stone Taylor, Andrew Stokell)
- Hypermobility and Associated Symptoms in Adolescents; 2023-24 (Kaylee Muse, Taylor Duran, Stephanie Bangerter, Caitlin Crow)

MEMBERSHIP IN SCIENTIFIC/PROFESSIONAL ORGANIZATIONS:

- American Physical Therapy Association, member since 1978
 - Orthopedic Section member: 1979- present

- Sports Section member: 2010-present
- Education Section member: 2017-present
 - Founding Interim Membership Secretary, 2018
 - Anatomy SIG Educational planning committee, 2019,2020,2021,2022,2023
 - Poster reviewer 2019,2020,2021,2022
- Texas Physical Therapy Association (TPTA), member: 1978- present
 - TPTA Midwest District, newsletter editor: 2002 to present
 - TPTA Secretary/treasurer, 1994 – 96
 - TPTA West Texas District Newsletter editor, 1980-82
- American Association of Clinical Anatomists (AACCA), 2014-present
 - Reviewer for Poster presentations (2017,2020-2022)
- American Association of Anatomists (AAA)
- National Strength and Conditioning Association (NCSA), member:2001-present
- National Intramural-Recreational Sports Association (NIRSA), member 2000 –02

CONSULTATIVE AND ADVISORY POSITIONS HELD:

- Abstract Reviewer for AACCA posters (2022,2021,2020,2017)
- Course & Poster reviewer for APTA CSM 2025, 2023, 2022,2021
- Poster/Course Reviewer for APTA ELC 2024, 2022, 2021, 2020)
- Reviewer for OCS Recertification (2015-2022)
- Reviewer of Continuing Competence Education for the Ethics Review Panel and the Orthopedic Review Panel for TPTA (2002-present)
- Item Writer for FSBPTE: 2018, 2017, 2016, 2014, 2013
- Book Review for “Amazing Grays” by Dr. Martha Hinman, 2015
- Abstract Reviewer for TPTA Annual Conference Research Presentations Abstracts: (2009-2013)
- Public Relations Liaison for Midwest District-TPTA, 2014-15
- Advisor for Doctoral program dissertations:
 - Lillie Thomas, OT, (2021-22)
 - Megan Ware,PT (2016-17)
 - Janet McMurray,ATC (2014-15)
 - Ardra Hughes, PT (2010)
- Consultant work for Physical Therapy at Human Performance (6-3-11)
- JAT paper #JAT0073-09), “In Vitro Evaluation of Temperature Changes Produced by Different Brands of Newly Calibrated Therapeutic Ultrasound Devices” (6-09)
- Book reviewer for Jones and Bartlett Publishers, *Reviewed Marketing and Promoting Your Physical Therapy Practice* (2008)
- Book reviewer for Elsevier. Reviewed books on muscle testing, therapeutic exercise, and range-of-motion, 2010-11; 2002-04.
- Legal Physical Therapy Consultant (2002)

COMMUNITY SERVICE:

National Level

- Guest Panel Speaker -AACCA Educational Luncheon June 15, 2022 (Ft. Worth, TX)
- Program reviewer and abstract reviewer for APTA CSM conference 2023: reviewed course and posters
- Program reviewer and abstract reviewer for APTA CSM conference 2022: reviewed 44; reviewed 5 posters
- Program reviewer and abstract reviewer for APTA ELC Conference 2024, 2023,2022,2021,2020:
- Serve on the ELC Programming committee from the Anatomy SIG: 2020-21, 2019-2020, 2018-19

- Serve as Research Poster reviewer for AACA annual meeting (7-17,2019)
- Serve as an OCS reviewer for recertification, 2015-2020
- Serve as Item Writer for FSBPTE since 2013-18
- Served at Sports Section booth at APTA NEXT conference, 6-13-14
- Invited Pilot tester for APTA reform payment system: APTA NEXT conference 6-12-2014
- Beta Test site for Thera-band Student Program (since 2006)
- Volunteer at National Student Conclave, Dallas, TX (10-06)

State Level

- Delegate for TPTA Annual Assembly (10-31-2020)
- Visit with State Legislator, Representative Susan King (2 hrs on 12-22-14, 1 hr: 12-12)
- Visit state legislators for TPTA State Legislative Day (2013, 2011, 2009, 2007,2005)
- Volunteer for TPTA 2003 Annual Conference, Austin, TX (2003)
- Delegate to the TPTA Annual Assembly, Austin, TX (2002 - 04), 2010-12
- Volunteer for FUNfitness Screens (2005-06)

Local Level

- Active in Lawn Baptist Church
 - Serve on the By Laws Committee-Lawn Baptist Church, 2015- present
 - Serve on the Personnel Committee-Lawn Baptist Church, 2013-present
 - Serve on Service Committee- Lawn Baptist Church, 2014-present
 - Provide food and service for funerals hosted at church(apprx.1- 2x a month)
 - Teach Preschool/ K-2nd Sunday School-Lawn Baptist Church, 2014- present
 - Provide weekly Children's message for Lawn Baptist Church (2004-present)
 - Work with mission team annually providing manual labor (2016- present)
- Serve on Dissertation committee of Lillie Thomas, OT-21-22
- Organizer and worker for HSU DPT Abilene Mission-2023: worked with Habitat for Humanity, Boots on the Ground, Abilene Food Bank, and Lawn Food Bank 7-20 to- 7-26 (5 days)
- Organizer and worker for HSU DPT Abilene Mission-2022: worked with Habitat for Humanity, Boots on the Ground, and Lawn Food Bank 7-19 to- 7-24 (5 days)
- Organizer and worker for HSU DPT Abilene Mission-2021: worked with Habitat for Humanity, Boots on the Ground, and Lawn Food Bank 7-15 to- 7-20 (4days)
- Organizer and worker for HSU DPT Abilene Mission-2020: worked with Habitat for Humanity, Boots on the Ground, HSU Campus Clinic, and Abilene Food Bank 6- 29 to 7- 6(5 days)
- Boots on the Ground: Volunteer for building ramps 10-19, 7-19
- Participated in WOW 11-13-19; 11-14-18. 9-2023
- Served on HSU faculty meeting Communion Service 8-21-14
- Provided free screens to summer league Wylie Basketball Girls team 7-14
- Perform mission work annually with HSU PT ministries (2001-2022) to Abilene, Mexico, Guatemala, and South Texas
- Organized Christmas donations for Karing for Kids Ministries- local Christmas family organizing donations and delivering gifts (2001- present)
- Provided free balance/fall risk assessments to senior citizens centers during PT month (since 2002-present)
- Provided Physical Therapy lecture for State 4-H Leadership Camp (annually since 2008- 2020)
- Assisted with Rural Health community in presentation (AHEC) on Physical Therapy (2008-2013, 2015)
- Quarterly Blood donor (since 1975)
- Gave program for Kiwani's club on Theraband exercises June 19th, 2012
- Serve on advisory board for Legacy Complex, 2012.
- Screening of Girls/ Boys Collegiate Soccer Teams-HSU (2010-2012)
- Screening of Girls Collegiate Volleyball Team- HSU (2010)

- Community clean-up project-Oplin/ Lawn (3-11.11-2011, 3-2012, 2014, 2015)
- Balance/Strength screening for National Senior Health and Fitness Day, Rose Park Senior Center, 2008- 2011
- Organize and serve students, faculty, and staff at HSU PT ministries Weekly Campus Clinic
- FUNFitness Screening at Abilene State School Special Olympics population (2003 - 08)
- FUNFitness Screens at Abilene State School with BOCCE tournament (2003-2008)
- Health Fair for HSU neighborhood and Hendrick Medical Center neighborhood providing grip strength, balance screen, and functional strength testing (2005)
- FunFitness screening on participants at Texas Special Olympics, Austin (2003)
- Volunteer for Meals on Wheels, Abilene, TX (2002)
- Member, American Association of University Women, (since 2001); Program Chair (2003)
- Volunteer, American Heart Association (2001)
- Participated in Relay for Life for American Cancer Association, Abilene, TX (2001)
- Volunteer Theraband exercise leader for Cobb Park Senior Citizens; Provided Fitness Screening (Oct – Dec 2001)
- Volunteer Recreational Exercise class leader, Abilene North Manor Apartment (June – Oct 2001)
- Leader, Jim Ned 4-H Club, Tuscola, TX (1988 – 2001)
- Member, School Board trustee, Jim Ned CISD, Tuscola, TX (1986 – 1989)
- Aerobic instructor (1981 – 1989)
- Sunday School Teacher (1983 – 1993)

SERVICES TO THE UNIVERSITY ON COMMITTEES/COUNCILS/COMMISSIONS:

University Level:

- Member of Faculty Development Committee (2020-present); chair 2023-24; chair 2024-25
- Chair: COHP Mission team 2019-20
 - organized and participated in combined mission activity (11-7-19) 2 hrs
 - assisted in development of COHP summer camp for high schoolers
- Member Faculty Promotion Committee (Rank and Tenure Committee) 2019-2020
- Facilitator for STOP the BLEED Interprofessional Seminar, 9-27-19
- Member, Fringe Benefits Committee (Physical and Financial Health Committee): 2018-19, 2017-18, 2016-17(chair), 2015-16, 2014-15(chair) ,2013-14, 2006-2007(chair), 2008-2009(chair), 2005-2010(on committee)
- Member, Safety, Accessibility, and Health Committee 2015-16, 2014-15, 2013-14, 2012-13(chair), (2010-2013, 2003-05)
- Threat Assessment Committee (2014-15, 2013-14)
- Provide services at HSU Health Fair (November) 2008-2012
- Faculty Advisor for Pre-PT Club (since 2004-19)
- Career Carnival Organizer/Participant (2003-2007)
- Western Heritage Day Volunteer (2001 – 03, 2009, 2010, 2011, 2012, 2013)
- Freshman Orientation Volunteer (2001 – 02)
- Member, Hardin-Simmons University Women's Club (since 2001)

Departmental Level:

- Mentor/Leader: Hardin-Simmons Physical Therapy Ministries:
 - Mission Trip: Abilene, TX (2019-2024)
 - Mission Trip: Penitas, TX (2011- 2015)
 - Mission Trip: Piedras Negras, Mexico (2003 –08)
 - Mission Trip: Guatemala (2002)
 - Mission Abilene: Abilene, TX (2009, 2001)
- Student Liaison:
 - DPT Class of 2019 Advisor

DPT Class of 2013 Advisor
DPT Class of 2007 Advisor
MPT Class of 2003 Advisor

- HSU PT Department Admissions Committee (since 2019)
- West Texas Residency Committee: Member, Site Coordinator (2020)
- HSU PT Department Recruitment Committee (since 2001)
- PT Mann Scholarship Committee (since 2006); Director since 2019
- Campus Clinic Committee, developer, member, provider of care (since 2001)
- HSU PT Job Fair Coordinator, developer, overseer, (since 2002)
- Safety Coordinator for Annual Inspection (since 2003)

HONORS AND AWARDS:

- Recipient of the TTUHSC Outstanding Alumni in Health Sciences Award: 10-21-22, Lubbock TX
- Recipient of the APTA Dorothy Baethke-Eleanor J. Carlin Award for Excellence in Academic Teaching- 8-14-2022
- HSU Faculty Member of the Year– 2021
- Recipient of the Academy of Advanced Item Writers (October 2019) OK City, OK
- Recipient of the Provost's Award for Teaching Excellence presented by HSU (March 2014)
- Recipient of the William Gould Memorial Faculty Award presented by TPTA (October 2011)
- Recipient of the Areté Award, Hardin-Simmons University, Abilene, TX (Spring 2008)
- Essay Winner of Florence Kendall Essay Contest, APTA CSM, New Orleans, LA (2005)
- Recipient of \$10,000 Scholarship from Southern Baptist Foundation (2004) for doctoral education
- Honorable Mention, Thera-Band Most Creative Use Contest (2004)
- Texas Outstanding Clinical Educator Award, Texas Consortium of PT Educators (2002)
- Selected to Kappa Delta Phi, international honor society (2002)
- Selected to Who's Who Among Students in American Universities and Colleges (2002)
- Recipient of \$1000 Scholarship for Graduate Students from American Association of University Women (2001)
- Team Member for CARF Certification, Work Assessment Center, Abilene, TX (1998)
- Honoree, CARF Certification Safety Control, Work Assessment Center, Abilene, TX (1998)

RELEVANT CONTINUING EDUCATION ATTENDED (WITHIN LAST 5-10 YEARS): *Average hours of continuing education/ year= 70 hrs.*

ANATOMY:

- American Association of Anatomists Regional Meeting: San Antonio, TX 10-7-23 (8 hrs)
 - Respect, Diversity and Inclusion in Anatomy Curricula: A Student Perspective by Dr. Stacy Nation
 - Osteopathic Treatment of TMJ Dysfunction,
 - Continuum Distortions of the Knee Joint: A Cadaveric Study
 - Is it Anatomy or Is it Art? By Dr. Ron Philo
 - Socrates and Supraspinatus: Teaching Shoulder Anatomy in a new Age with an Old Approach
 - Median and Ulnar Nerves: Mixed message
 - 3-D Print Head and Neck Model for Clinical and Patient Education
 - Using active Learning to Teach Anatomy in a Problem-Based Curriculum
 - 3D Printed Models: From Students to Patients

- Anatomical Variation of the Suprascapular artery Origin: A Cadaveric Study
 - The Whole Art of Medicine Lies in Observation by Dr, Carlos Machado
- **American Association of Clinical Anatomists Annual Meeting**, June 13-16, 2022 Ft. Worth, TX
- **AACA: Digging Up the Past: The History of Cadaver Procurement and Questions of Equity and Consent in the Modern Anatomy Lab.** By Kelsey Byers, 9-30-21 (1 hr webinar)
- **AAA:**
 - Game on: Exploring Game-based Learning in Anatomy (1 hr) Mikaela Stiver 4-30-24
 - IFAA Recommendations for the Ethical Use of Anatomical Images (1 hr webinar) 3-6-24
 - Regional meeting: 6 hours CCU with different sessions 10-7-23
 - AAMC Virtual Seminar: Legacy of Medicine During the Holocaust and its Contemporary Relevance (1-27-22) (1 hr)
 - Ethical Concerns of Anatomical Legacy Collections; July 15th, 2021 (1 hr)
- **American Association of Clinical Anatomists Annual Meeting**, June 28-July-2,2021, Virtual (10 hrs)
 - Medicine Meets Museum by Dr. Robert Spinner
 - The History of Anatomic Dissection and Its Impact on Reconstructive Microsurgery
 - Posters
- **American Association of Clinical Anatomists Regional Meeting**, October 3rd, 2020, Virtual 6 hrs
- **American Association of Clinical Anatomists Annual Meeting**, June 15-19,2020, Virtual
- **American Association of Clinical Anatomists Annual Meeting**, June 11-14, 2019, Tulsa, OK
- **American Association of Clinical Anatomists Annual Meeting** 7-8 to 7-11-2018: Atlanta, GA
- **American Association of Clinical Anatomists Annual Meeting:** July 17-20,2017 Minneapolis, MN
- **American Association of Clinical Anatomists Annual Meeting:** June 14-16, 2016: Oakland, CA
- **American Association of Clinical Anatomists Annual Meeting:** June 9-12th, 2015: Henderson, NV
- **American Association of Clinical Anatomists Annual Meeting:** July 8-11th, 2014 Orlando, FL
- **Anatomy Review by:**
 - **Dr. Funk in anatomy Lab (2 hrs):** 4-21, 1-20; 2-18; 2-17; 2-16; 2-15; 2-14; 2-13; 2-12
 - **Dr. Pitts in anatomy lab (2 hrs):** 5-21, 9-19; 4-19
 - **Dr. Sager in anatomy lab (2 hrs)** 5-21
- **Anatomy in Clay by Dr. Beth Jones, PT** 4-21-21: 1 hr webinar
- **Anatomy of Speed by Human Kinetics, by Bill Parisi,**1 hr webinar 11-3-21
- **Anatomy Trains:** Anatomy dissection of Feet, Hands, Eyes, and Ears (4 hr dissection online)7-21-21
- **APTA-CSM- San Antonio, TX** 2-3 to 2-5-22
- **APTA-CSM-Virtual: February 2021(12.5 CCU)**
 - Turning Continnence Inside Out 3-31-21(1 CCU)
 - C3-4-5 Does More Than Keep You Alive: Pioneering PT/Surgical Interventions for Phrenic Nerve Injuries by Mary Massery, Jennifer Azaro, Trish West- Low. 1.0 hr(3-29-21)
 - Anatomy SIG Meeting: 2 hrs (2-10-21)
 - Anatomy Education Today: integrating Technology into your Classrooms and Labs by Ciccotelli J, Norris B, Howland C, Mouton J. webinar (1.0 CCU) 2-18-21
 - Headaches, Dizziness, and Tinnitus: it's all in the Neck (1.0 CCUs) 2-18-21 by Cherian N, Euype S, Cherian K. PT
 - Management of Individuals with PatelloFemoral Pain (1.0CCU) 2-18-21

- **APTA-Sports Section:** EMG activity of Shoulder Exercises by Tim Uhl 11-4-2020 (1.5 hr)
- **APTA-CSM-Denver, CO 2-13-15-2020 (total: (18 CCUs)**
 - Anatomy SIG meeting:1.5 hrs (2-14-20)
 - Anatomy of the Pelvic Floor: Kinesthetic Learning Method: Modeling with Clay (2 hrs) 2-14-20
 - Urban Poling: activator Program for Rehabilitation Professionals (3 CCU) 2-14-2020
- **APTA-CSM, Washington. DC 1-23-19-1-26-19**
 - Anatomy SIG meeting: 1-24-19 (2 hrs)
 - Anatomy from the Inside Out: A 3-Dimensional Kinesthetic Learning Method: Modeling with Clay: 1-25-19 (2 hrs)
 - It Takes Two: Coupling of Respiratory and Pelvic Diaphragms to Optimize Breathing (2 hrs) 1-24-19
 - Make Menisci Great Again: A Multidisciplinary Approach to Mensical Pathology (2 CCU)1-24-19
 - How loose is Too Loose? The Female Athlete and Hypermobility. 1-26-19 (2 CCU)
 - The Brain Has an ACL problem (2 CCU) 1-25-19
- Therapeutic Loading for Tendinopathy by Bob Helfst (1-hr webinar) 4-4-19
- **APTA-CSM: Anaheim, CA 2-17-20-16**
 - Mirror, Mirror, in My brain: Graded Motor imagery to Improve Clinical Outcomes, 2-19-16(2 CCU)
 - Why and How Exercise is the Best Treatment for Tendinopathy (2-19-16) 2 CCU)
 - The Good, The Bad, and the Ugly: are We choosing the Best Neuro Reed ex for our Patient s(0.2) 2-19-16
- **APTA Educational Leadership Conference- (Jacksonville, FL10-12/13-18)**
 - **Anatomy SIG 10-3-18- 2 hr**
- **ARTHRITIS ALLIANCE: OA in Military veterans (0.5) 10-20-21**
- **BODY VIZ Hybrid Anatomy Education 101: Webinar and Personalized Pricing (1 hr) 7-22-20**
- **CONTUED: Ehlers-Danlos Syndrome and Hypermobility Spectrum Disorders in Women's Pelvic Health by Cynthia Neville, 2 CCU. 8-18-21**
- **CRAFTA:**
 - TMD by Janey Prodoehl, PT 7-28-2020
 - Integration of Manual Therapy and Myofascial Trigger Points by Rob Stanborough, PT, 7-13-20 (1 hr) webinar
 - Tinnitus; Options from a Neuromusculoskeletal Point of View" by Michiel Trouw, PT webinar 1 hr 7-9-2020
 - Cranial Assessment and Management of Cranio-Cervical Facial Dysfunctions: From Evidence to Implementation) Myopain Webinar by Marissa Hoffman (1.0 hr): 4-14-2020
 - "Fascial Manipulation - Stecco®: Exploring a Total Body Approach" (1 hr) 4-21-20 by Colleen Whiteford, PT, OCS
 - Whiplash webinar by Jan Dommerholt by Myopain Seminars, June 23, 2020(1 hr)
- **DONTELLI:**
 - Robert Donnatelli -New Trends in Orthopedic Rehabilitation of the Shoulder (30 min webinar, 11-4-20; 9-23-2020)
- **DRAW IT TO KNOW IT:** Virtual Conference: July 23-24,2020. (3 hrs)
- **ELC-APTA: 10-17-2020-anatomy SIG, Anatomy meeting Gross anatomy During the Pandemic, exhibit hall (3 full hrs)**
- **GRASTON**
 - Graston Technique GT shorts- applications for Lateral knee pain by Mike Polski 7-10-20 (1 hr)
 - Graston Technique GT Shorts: Applications for Plantar Fasciitis by Mike Ploski 6-26-2020(1 hr)
 - Graston Technique GT Shorts: Applications for TMJ Dysfunction by Ashli Linkhorn, DC 6-19-2020 (1 hr)

- Graston Technique for Plantar fasciitis by Mike Ploski- webinar, 6-12-2020 (1 hr)
- Graston Technique® Therapy Techniques to Target Neuromyofascial Dysfunction. 5-22-2020(1CCU)webinar by Dr. Shakar
- **GRAND TETON Hand:-**
 - Therapeutic Management of Distal Radius Fractures with Associated Ulnar-Sided Soft Tissue Involvement by Mike Cricchio, 7-23-21 (2 CCU)
 - Intrinsic Intelligence: Cadaveric and Case Consideration by Mike Cricchio, Univ.of Florida (1 CCU) webinar 7-30-2020
 - The Hand and the Homonculus by Mike Cricchio, Univ. Of Florida (1 CCU)webinar 6-7-20
- **HANDS-ON SEMINARS: NEUROFASCIA REVEALED A Concept Beyond Neuromobilization** by Dr. Dimitrios Kostopoulos, DPT, MD, PhD, DSc, ECS (6 CCU webinar) 10-24-2020
- **HAWKGRIPS:**
 - Treating Plantar fasciitis and Its Mimickers. Hawkgrips webinar by Laura Ramus 10-30-23 (1 hr)
 - Management of Soft Tissue Adhesions with IASTM of the Thumb. 6-16-23, Webinar (1 CCU)
- **HSU Lunch and Learn: (1 CCU)**
 - Surgical Intervention and Breast related Lymphedema by Dr. Norton and Dr. Jumper, 3-5-24
 - Understanding the Ins and Outs of Aphasia 10-10-23 by Becky Saterbak
 - Artificial Turf: To Turf or Not to Turf by David Stuckey, AT 5-10-22
 - Every Breath You Take by Dennis O'Connell PT, 4-12-22
 - The Art of Swallowing and Speaking by Becky Saterbak SLP 3-8-22
 - Popping Open the TMJ: What Might One Find? By Brad Hicks PT, Joe McCormick PT 1-14-22
 - Sport-Specific Movement Analysis: Working together beyond Linear Movement by Megan Smart, DAT, LAT . 1CCU: 5-11-21
 - -Visceral Restrictions by Dr. Norton 4-12-21
 - Foot Loose: Foot anatomy review by Matt McCreary, PT, DPT ,12-2-2020
 - SFMA: A Systematic Approach for Movement Dysfunction by Jodi Heirholzer, PT, 11-10-20
 - 10 Common Injuries of the Hand by Dr. Brian Sager, 9-8-2020 -
 - Getting Under your Skin-Differential Diagnosis of the Skin by Clay Bulls, PA, 2-11-19
 - I'm So Dizzy, My Head is Spinning: Vestibular Rehab by Beth Schaeffer 12-3-19
 - Mirror/ Mirror on the Wall: Mirror Therapy at Its Finest by Jacob Brewer/ McCormick 11-12-19
 - Sports Related Concussion: An Update by David Stuckey, 5-14-19
 - Cupping: What's it all about? Clint Conley and Brad Hicks, 2-12-19
 - Management of Total Hip and Knee Arthroplasty: Are we Doing it Wrong? By Kirk Canada, PT, 12-3-18
- Shoulder Injuries by Dr. Todd Pitts, 11-13-18
- In the Zone: Review of Flexor and Extensor Tendon Zones and Current Treatment Protocols by Donna Walls, OTD, OTR, CHT 10-9-18
- Would You Know It if You Saw It on a Diagnostic Image? by Marsha Rutland, 5-8-18
- Updates on Compartment Syndromes by Dr. Dan Munton, MD, 4-3-18
- Visible Evidence of Systemic Disease by Dr. Jennifer Eames, MPA, DHS, 2-14-18
- Low Back Pain- is It Really Pain in the Back? By Mark Armstrong, PT 1-16-18
- Top 10 Wrist and Hand Tricks by Donna Walls, OT, and Erin Bailey,OT, 11-11-14
- Wrist Anatomy by John Gassler, PT, 3-6-12
- Upper Extremity DVT by David Stuckey, ATC, LAT, 1-17-12
- Sports Hernias and Adductor Strains 12-4-12 by Wade Green, ATC
- **Kahoot Game learning 12-6-23:** 1.5 hr teaching of use of Kahoot games for teaching

- **Llama OHS:** Scalp Acupuncture for Neurological Conditions by Jason Hao ; 1.5 hr webinar. 1-4-22
- **OPTP: Understanding Urinary Incontinence: The First Step to Treatment!** 6-23-22(1 hr) webinar
- **Pelvic Floor- Gotta Go, Gotta Go.** By Cynthia Neville, PT 7-15-2020 1.5(CCU) PT.com webinar
- **PT today**
 - Wag your Tail by Cynthia Neville, (2 CCU) 10-20-21
 - A Clinical View of Bell's Palsy and other facial paralysis Conditions for Therapist by Todd Hendkelmann, PT (2 CCU) webinar. 1-22-16
- **OPTIMAL DRY NEEDLING SOLUTIONS:** Dry Needling level II with Anatomical cadaver by Jackie Doidge, PT, 11-11 to 11-13-16 (24.0)
- **OPTIMAL DRY NEEDLING SOLUTIONS:**
 - Dry Needling Level 1 with Anatomical cadaver. By Claire Wumsley, PT, 4-15-17, 2015. 25.5 CCUs
- **EXPLORING HAND THERAPY**
 - Anatomy Review Forearm and Elbow-Cadaver Dissection and Beyond WEISS Hand therapy;10-21-15, Webinar (1.25 CCU)
- **MEDBRIDGE**
 - Evidence Based Treatment of the Elbow, Wrist, and Hand 7-13-2020 (3 CCUs) by Chad Cook
 - Anatomic Shoulder Girdle Dissection with Clinical Correlations by Dr. Albert Gee. 5-28-14 (1.75CCUs)

APTA Combined Sections Meeting, New Orleans, LA, 2-10-11- 2-12-11

-The Failed Voyage: In Search of Anatomical Source of Pain 2-10-11 (2 CCU)

Cross Country Education

-Trigger Point Therapy of the Lower Extremity: Heel and Foot Pain Webinar 3-7-18 (1 CCU) by Thomas Bertoncino, PhD, ATC

- **Hands On Companies:** Neurofascia Revealed by Dimitrios Kostopoulos, PT, DPT 10-24-2020 (2 hrs)
- **Lite Gait:Mobility Research**
 - Gluteal Strengthening Webinar by Mike Studor, PT 9-20-18 (1 hr)

Motivations

-Tackling Sacroiliac Dysfunction and Pelvic Girdle Pain by Deborah Riczo, 6-13-19 (3 hrs)
 - Differential Diagnosis of the Hand/Wrist/Elbow and Forearm: by Ben Kivlan, PT (7-18-18)
 -Scoliosis Specific Exercises by Charter Rushing (3 CCU webinar): 9-14-18
 -Evidence Based Interventions for Myofascial Trigger Points by Dawn Gulick, 3-22-17(3 CCU)

Physical Therapy.com

- Clavicle and Scapular Fractures by Rina Pandya, PT, DPT, 7-5-23 (2 CCU)
 - Physical Therapy Management of /Ehlers-Danlos Syndromes and Hypermobility Spectrum Disorders: Part 2 (2 CCU) by Scott Cheatham, 7-6-23
 - Physical Therapy Management of /Ehlers-Danlos Syndromes and Hypermobility Spectrum Disorders: Part 1 (2 CCU) by Scott Cheatham, 6-28-23
 - Neuro Examination: Back to Basics by Jill Seale, PT, PhD, NCS 7-16-21 (2 hrs)
 - Pelvic Organ Prolapse and You by Jennifer Stone, PT, DPT (2 CCU) 12-16-2020

PT Management Support Systems

- Adult Scoliosis: Recognition and Physical Therapy Interventions by John O' Halloran, PT webinar 1-26-22(1 CCU)
 - Posterior Hip pain Evaluation and Management by RobRoy Martin (1.5 CCU) 11-17-19
 - Differential Diagnosis of the Hand/Wrist/Elbow and Forearm: by Ben Kivlan, PT (7-18-18)
 - Differential Diagnosis of the Knee Joint and Thigh Region, by Ben Kivlan,PT, (1.5 CCU)3-21-18

OA Action Alliance: OA management enters the digital world by Rich Waldron 3-20-19 (1)

Reality Works: Using Anatomical Models to Teach Webinar (.5 hr) 5-12-21

Seattle Science Foundation:

- Carotid Endarectomy Anatomical Landmarks by Dr. Matias Cost, 7-23-21 (15 min)
- Autonomic Disorders in Clinical Practice by Svetlana Blitshteyn MD. 7-14-21 (1 hr)
- Ossification of the Posterior longitudinal ligament (3-21)
- Overview of Congenital Scoliosis by Sigurd Beven 1 hr 2-25-21
- WYLIE** : "Providing Structure in Online A&P Labs So Your Students Can Function" (1 hr) by Dr. Rosenzweig Delgado. 4-22-20
- Online Anatomy Lab Webinar (1 hr) by Dr. Mark Nielson, 4-14-2020

THERAPEUTIC EXERCISE

- **:CSM-2023-San Diego, CA:**
 - Jump In! Jump Training for Older Adults (2-24-23) 2 CCUs
 - Things you “Knee-d to Know about Osteoarthritis: Applying the Latest Evidence to Common Clinical Questions 2-24-23 (2 CCUs)
 - Children with Hypermobility Spectrum Disorder: Pathway to a Better Diagnosis and Treatment 2-23-23 (2 CCUs)
 - Migraine vs Meniere’s: What Does Physical Therapy Really Have to Do with It? 2-25-23 (2 CCUs)
- **HSU Lunch and Learn**
 - Exercise to Combat Neuroinflammation and Enhance Neuroplasticity in Patients with CVA by Wendy Anemaet 3-7-23
 - Posture Reeducation: The Impact of Breathing on Functional Movement by Janet McMurray, ATC 2-14-23
- **IJSPT:**
 - 1 hour Journal Club of 2 articles over Baseball motion / strength 2-15-23
 - 1 hour Journal Club of 2 articles over Baseball motion / strength 1-18-23

HSU Campus Clinic/ Introduction to Clinical Diagnosis and Management I

- **APTA CSM-Virtual 2021**
 - Not Just Wear and Tear: Osteoarthritis today. 2-19-21(1.5CCU)
 - Frankie, Beatles, Elton, and Queen: Triggering Memoires, Motivation and Movement in the Older Adult. 2-21-21 (1.5CCU) by Childers PT
- **TPTA**
 - Optimizing Outcomes; Evidence Based exercise Prescription (3.5)
- **Motivations:** When to stress the Rotator cuff by Robert Donatelli, 30 min. webinar 11-18-20
- **GRASTON Technique applications for Posterior Tibialis Syndrome** by Mike Peloski, 1 hr webinar 6-4-24
- **GRASTON Techniques Applications for Plantar Fascia** by Mike Peloski, 1 hr webinar 6-12-20
- **GRASTON M1-Basic Training: Clinical Foundations for Graston Technique** by Mike Polinski, PT 2-5-6-16 (12 hours), San Angelo, TX
- **Hawkgrips:** IASTM Integrative Treatment Strategies 2-27-24 (1 CCU)
- **JB&JS**
 - Nonsurgical or Surgical Treatment of ACL Injuries (1 hr) 3-30-16
 - The Best Approach to Managing Hip Fractures (1 hr) 1-26-16
- **TRX**
 - TRX Sports Medicine Suspension Training Course at WTRC (7 hrs) 6-5-2015
- **HYDROWORX:**
 - Creating a Successful Aquatic Therapy Program through Teamwork Webinar 2-2-17 (1 CCU)
 - Influence of an aquatic environment on cognition and gait. 4-21-15, (1 CCU)
 - Strategies for Treating Low Back Injuries with Aquatic Therapy 3-19-15, (1CCU)
 - Aquatic Rehab Progressions for Sports Related Foot and Ankle Injuries webinar, 7-17-14(1

CCU)

-The Stages of Aquatic Rehabilitation after ACL Tear by Randy Cohen, ATC 4-15-14 webinar(1 CCU)

-Use of Aquatics for Recovery and Regeneration by Lance Walker and Brian Abadie, 12-18-13 (1 CCU)

- **HSU Lunch and Learn (1 CCU each)**

- Something in the Way He Walks: Gait by Joe McCormick 1-16-24

- Uncomplicating the Complicated Shoulder Complex: is it Frozen? Christian MacIntyre 11-7-23

- Quality Improvement in Clinical Practice by Dr. Megan Smart, 9-12-23

- Neuromotor Control by Lindsay Spindler, PHD, 11-30-21

- Heart by Tina Butler, PA (3-2-21)

- Strain-Counterstrain by Gary Collins, PT/ Carl Prudhomme PT (2-9-21)

- A Show of Hands: Therapeutic Interventions for Common Hand injuries (10-13-2020) Donna Walls OTD, Erin Bailey, OTR

- -Grip dynamometry as a Vital Sign by D O'Connell (9-11-18) 1 CCU

- **APTA NEXT CONFERENCE, Charlotte, NC (6-12-6-14/14)**

- Effects of Thoracic and Cervical Stiffness (1.5 CCU) 6-12-14

- Combined Section Meeting-APTA, Las Vegas, NV, 2-3-14 to 2-6-14**

- Exercise Prescription for Common Lower Extremity Pathologies (1.5 CCU) 2-6-14

- Response of Cartilage, Bone and Muscle to Functional Loading (2 CCU) 2-5-14

- Pearls for the Tough Ones: Manual and Exercise Techniques (2 CCU) 2-4-14

- Therapeutic Exercise Prescription: Part 1 (2 CCU) 2-5-15

- Development and the Throwing Athlete (2 CCU) 2-4-14

- **GANNETT Home Education(online) offered though Today in PT.com**

- Back in Action with Joint Replacements, Part 1(PT411): 10-14-13 (1 CCU)

- Assistive devices for Ambulation: An update (PT48) 4-3-13 (1 CCU)

- **GRASTON: Pickleball Injuries and Treatment (1.0 hour webinar) Graston. 2-6-24**

- **GSC Home Study Course**

- Q3380 Lumbar Spinal Stenosis: A Comprehensive Review for Rehab Professionals, 5-22-13(3 CCU)

- **HAWKGRIPS and Blood Flow Restriction Webinar: Drew Contreras, PT, DPT(1 CCU) 4-22-20**

- **Human Kinetics:Are you overtraining in the weight room? Understanding overtraining and sport performance. 5-27-2020, 1 hr**

- **JOSPT- online CEUS**

- Which exercises target the gluteal muscles while minimizing activation of the TFL? EMG assessment using fine wire electrodes. 2-22-13 (2 CCUs)

- **Mobility Research**

- Gluteal Strengthening Webinar by Mike Studor, PT 9-20-18 (1 hr)

HEALTHCARE MANAGEMENT

- **Net Health CMS Rule 2024: What Therapists Need to Know 12-7-23 1 hr CCU**

- **1 hr Medicare Changes:12-4-23**

- **APTA-CSM 2021-Virtual:Dispelling the Most Common Physical Therapy Myths by Rick Gawenda, 2-19-21(1.5CCU)**

- **AEGIS: Group, Concurrent, or Individual? Navigating the Choice. 8-16-23 – 1 hr webinar**

- **Stark Law: CMS Special Open Door Forum: Physician Self-Referral Law by CMS, 1 hr 12-2-2020**

- **WEB PT: The Roaring 20's: Predictions for 2020's (1 hr webinar) 2-7-2020**

- **FSBPT: Ethics: Hands Off/ Hands On: by Nancy Kirsch, 1.5 CCU) 7-28-21**

- **FSBPT Annual Meeting:** Oklahoma City, OK 10-26-28-, 2020 (3 hrs)
- **FSBPT: Compact Privileges** 6-27-19 (1 hr webinar) by TJ Cantwell
- **HPSO**
 - Physical Therapy Professional Liability Exposures: 2016 Claim Reports, 5-19-16 (1 CCU)
- **HSU Lunch and Learn**
 - Motivating Patients by Sherry Rosenblad, 3-5-19 (1 CCU)
 - Healthcare Productivity Pressures: Balancing Ethical and Organizational Responsibilities: bu Justin Tammany, PT; 1-15-19 (1 CCU)
- **TPTA**
 - A Guide to Maximizing Physical Therapy's Value by Jerry Henderson, 10-29-16(2.0)
 - Sticky Coding and Billing for Outpatient Billing (1.0) 6-2-16 webinar
- **GAWENDA SEMINARS**
 - Providing and Billing Outpatient Telehealth Therapy Services by Rich Gawenda on Medbridge (1.5 CCU) webinar; 5-21-2020
 - 2020 CPT Coding and Billing for PT and OT;(1.5)Rick Gawenda 11-20-19
 - CCI Edits: MC changes 7-1-19
 - Know Your Score: How to Use Business Benchmarking to Improve Your Practice. Chuck Felder, PT, 3-2-16 (1.5CCU)
 - Documentation to Support Medical Necessity: Evaluations and Reevaluations by Rick Gawenda, PT, 2-9-16 (1.5 hrs)
 - ABCs of ICD-10 for Physical and Occupational Therapy Webinar. (2.5 hr) 6-24-15
 - Know Your Score: How to Use Business Benchmarking to Improve your Practice by Check Felder, PT Webinar. 5-20-15 (1.5 hr)
 - Productivity Measurement and Management: Defining, Improving, and Transitioning to Value Based Care.Webinar (4-23-15) 2 hr Management
 - The ABCs of ICD-10 for Physical and Occupational Therapy by Rick Gawenda, PT. 12-15-14 (2.5 CCUs)
 - 2015 Therapy Payment Updates- New/Revised CPT Codes and Medicare Therapy Caps, 12-1-14 (1.5 CCU) by Rick Gawenda.
 - ICD-10 Coding for Physical and Occupational Therapy: It Doesn't Have to Be Rocket Science, by Rick Gawenda, PT, 8-20-14 (2.5 hrs)
 - Coding and Billing for Physical and Occupational Therapy, 7-24-14 (2 CCU)
 - Get in Shape for ICD-10 Challenge (10-8-13) 1.5 hr
 - Compliance Considerations under the HIPAA Omnibus Rule, 7-23-13 by Paul Welk, PT, JD (1.5 CCU)
 - 2013 Medicare Updates-Mandated Reporting of Patient Functional Status, 1-15-13 by Rick Gawenda (1.5CCU)
 - How to Utilize the Metrics of Outpatient PT/OT/SLP in Establishing your Budget by Rick Kratz (11-20-12)1.5 CCU
 - ICD-9 Coding, Medicare Therapy Cap, CCI Edits, and Modifiers Used in Outpatient Therapy by Rick Gawenda (1.5 CCU)-Audio-Hendrick Hospital
 - Annual Compliance Training-Fraud and Abuse Laws & How They Affect Your Rehab Program's Compliance by Nancy Beckley, 5-22-12 (1 hr)
 - Is Your Practice Profitable? Evaluating Practice Metrics, Part 2 (1.0 CCU) 3-21-12
 - Is Your Practice Profitable? Evaluating Practice Metrics, Part 1 (1.5 CCU) 2-22-12
 - 2012 Medicare and Private Payor Updates, (1.0CCU) 1-24-12
 - Documenting Therapy Services for Medical Review Part 1: Evaluation by Jaclyn Warshauer, 8-23-11
 - Understanding CCI Edits and The 8-Minute Rule by Rick Gawenda,1-19-11
- **Clinicient**
 - CPT Coding changes for 2020 -Clinicient

- Staying Ahead of the Game: proposed Medicare Changes for Outpatient Therapy(1 hr) 8-20-19
- Value Based Care Webinar by Holly, 3-27-18(1 hr webinar)
- 2018 Medicare Changes: Updates Therapists Should Know Now: 12-14-17; 1 hr webinar
- How to Use Metrics to Grow Your Practice (1 hr) Webinar
- New PT/OT evaluation codes, 12-15-16 (1 hr)
- Are you ready for ICD-10? 3-10-15, 6-9-15 Webinar (1 hr)
- Increasing the Value of Your Referrals, 9-25-14 (1 hr)
- Medicare 2014 Game Plan: Avoiding Penalties with Functional Limitation Reporting and PQRS, 5-28-14, (1 hr)
- Medicare Requirements for Therapy Documentation, Clinicient, 10-10-13(1 hr)
- Medicare Functional Limitation Reporting with Clinicient, 4-19-13, 1 hr
- Medicare Game Changer: RAC auditors, Manual Medical Review & Practice Risk, 4-11-13(1 hr)
- Why Understanding Audit Response is Critical to your Practice by Nancy Beckley 2-28-12(.5 hrs)
- Medicare Functional Limitation Reporting. G –Codes, and PQRS and What you need to know in 2013. By Nancy Beckley, 1-10-13 (1 hr)
- MMR 11-15-12 (1 hr)
- Documentation According to Manual Medical Review by Nancy Beckley, 11-7-12 (1 hr)
- **PT Management Systems:** Critical Conversations: The Art of an Effective Subjective History (6-18-18) 1 hr
- **Physical Therapy.com**
 - Texas Ethics and Jurisprudence (online). 7-2-15 (2 hrs) #60166ETX
- **APTA**
 - MIPS(11-19-18) 1.5 CCU
 - Medicare Changes for 2018: What You Need to Know. 1 hr (1-17-18)
 - The Year Ahead for Outpatient PT: Payment Policies in 2015:12-11-14 (1.5 CCU)
 - Implementing ICD-10 Diagnostic Codes by APTA, 3-27-14 (1 CCU)
 - Health Care Reform, webinar by APTA, 3-2-14 (1 CCU)
 - What's New on the Legislative Scene, webinar by APTA, 1-16-14 (1.5 CCU)
 - APTA CSM: New Orleans, LA:The Power of Branding: using Your "Brand" to Make a Difference for Yourself and Your Organization 2-11-11(1 CCU)
 - Get in Shape for the ICD-10 Challenge by Karen Hughes, Jean Jurek through HPA-APTA 5-30-12(1.5 CCU)
 - Defining Skilled Therapy: How to Document and Justify the Need for Physical Therapy, 4/27-11 (2 CCU)
- **Gannett Education(online)**
 - Law and Ethics for the Physical Therapist (2.0 CCU), 6-13-14
- **Mediware Webinars**
 - Balancing Productivity and Documentation Demands by Nancy Swigert, 10-31-18 (1 hr)
 - Billing Best Practices for PT, OT, and Speech Reimbursement (1 hr webinar) 5-31-
- PT Management Support Systems**
 - Fostering a Culture of Professionalism-Giving and Receiving Feedback on PT/OT Professionalism, 9-26-18 (1 hr webinar)
- Rehabilitation Solutions:**
 - Functional Limitation Reporting 2014: What you Need to Know, 4-15-14. (1 hr)
- **WEB PT**
 - 5 Fast and Cheap Ways to Fix Your Clinic's Marketing, 5-27-14(1 hr)
- **Innovative Educational Services**
 - Ethics-Texas Physical Therapy:** online course by Michael Niss, PT (2 CCU) 3-24-13
- **PRYOR SEMINAR/CAREER TRACK:** HIPAA Compliance for Healthcare Professionals (6 CCUs) 5-2-18

- **Permian Basin District-TPTA**
-Latest on Reimbursement for Physical Therapy Services by Nancy Lewis, PT, 11-17-12(2 CCU)
- **West Texas Rehabilitation Center**
-Compliant Documentation, Coding, and billing- Mitigating your Risks by West Texas Rehab Center, (4 CCU) 10-14-11
Meeting the Rehab Needs for Sports/Work/and Geriatrics (10 CCU) 5-21-11

DIAGNOSTIC IMAGING

- **DPT Imaging Education:** Will Graduates be Prepared for Today and Tomorrow's Practice? Webinar by APTA Diagnostic Imaging SIG; 12-18-23 (1.0 CCU)
- **HSU LUNCH AND LEARN**
 - Diagnostic Ultrasound: Looking Deeper into Human Anatomy by Brent McElfresh, PT, DPT , 5-9-23 (1 CCU)
 - The History of Radiology by Dr. Michel Dumas, 4-11-23 (1 CCU)
- **CSM-23:** MSK -US Integration into Physical Therapy Clinical Practice: Directions Exemplified by Case Reports 2-24-23 (2 CCUs)
- A Special 5-Part Evening Education Series: Integration of Musculoskeletal Ultrasound in Clinical Practice" by Dr.Mahini Rawat (1 hr each)
 - 7-6-21: Shoulder DUS
 - 7-13-21Musculoskeletal Injuries
 - 7-20-21 Nerve on DUS
 - 7-27-21 Knee DUS
- **Seattle Spine Webinars:**
- STED Talks Series: Spine Technology Education & Discovery 2021: OPPL, 4-7-21 (1.5 hrs)
- **HSU Honors Capstone Project Presentation**
-The effects of blood flow restriction on Vastus medialis Oblique Muscle thickness and insertion angle by Chanae Pitts Richardson, 4-28-21 (1 hr)
- **NPTE Diagnostic Imaging** by Charles Hazle (1 hr) 7-14-21
- **APTA CSM: 2-2021(Virtual)**
 - Classification and surgical management of proximal humeral and scapular fractures by Dr. David Glaser; Shoulder Girdle fractures: Management and Rehabilitation by Brian Leggit, PT, DPT (1.5 CCU) 2-18-21
 - Advances in Imaging Referral: Generating a New Pulse in Autonomous Physical Therapist Practice (1.0 CCU) 2-19-21
- **Use of Imaging by Physical Therapists-A Comprehensive Discussion by U.S. Military PTs-** by PT Management Support Systems ,1 hr webinar. 1-20-21
- **Diagnostic Imaging for Sports Injuries of the Upper Extremity**, Medbridge Webinar, (2 hrs), 4-10-2020
- **Scoliosis Specific Exercises:** by Charter Rushing, **PT 9-14-18(3 CCU)** Motivations Webinar
- **APTA Combined Sections Meeting: San Antonio, TX 2/15 2/17-2017**
-Musculoskeletal Ultrasonography for Common Orthopedic and Sports Conditions (8 CCU) 2-15-17
Diagnostic Imaging in PT- from Classroom to Clinical Practice (0.2) (2 CCU)2-18-17
- **APTA CSM (Anaheim, CA); 2-17-2-20-16**
 - Upper Extremity Imaging across the Lifespan-Adult Population 2-18-16(2 CCU)
 - Neuroimaging of Motor and Sensory Function in Health and Disease (2-18-16) (2 CCU)
- **PT today**
-Differential Diagnosis of Thoracic Spine Pain (7-26-16) (2 CCU) webinar
APTA NEXT CONFERENCE, Charlotte, NC (6-12-6-14/14) (7.5 CCU)
-Diagnostic Ultrasound in Physical Therapy 6-12-14(1.5 CCU)
Combined Section Meeting-APTA, Las Vegas, NV, 2-3-14 to 2-6-14
-Diagnostic Imaging and Examination of the Spine (2 CCU) 2-6-14

- Spinal Screening for the Autonomous Practitioner (2 CCU) 2-4-14
- **TPTA Annual Convention, Arlington, TX 10-13**
 - Musculoskeletal Imaging of the Shoulder by Ed Mulligan (3 CCU), 10-25-13
- **APTA Annual Convention-Tampa Bay, FL (6-8-12 – 6-10-12) 2.1 CCU**
 - Introduction to Rehabilitative ultrasound imaging of the Extremities by Dr Laura Duskocil (3 CCU) 6-7-12
 - Diagnostic Imaging of the Spine: Medical Screening and Integration with Daily Decision Making by Dr. Charles Hazle, (3 CCU) 6-7-12
- APTA Combined Sections Meeting, New Orleans, LA, 2-10-11- 2-12-11**
 - Integrating the American College of Radiology Appropriateness Criteria for Musculoskeletal Conditions in PT Practice 2-10-11(2 CCU)

MUSCULOSKELETAL / PEDIATRIC ORTHOPEDICS

- **Chatanooga ACL Prevention in Youth Soccer, Part 1 & Part 2:** November 14,2023 & December 5th, 2023. 1 hr each
- **Steps to Maximize Stride by Urban Poling Webinar (1.0CCU) 5-25-23**
- **Physical Therapy .com Proper Management of Ankle Sprains in Competitive Athletes course 4549** by John Boudreaux, PT, LAT 10-19-22 (2 CCU)
- **HSU Lunch and Learn Schroth Method for Scoliosis** by Megan Kriger, PT, DPT, CSCS, BSPTSC1 (1 CCU)
- **CSM-Washington, DC: January 24-26-19**
 - -How loose it Too Loose? The Female Athlete and Hypermobility. 1-26-19 (2 CCU)
 - -The Brain Has an ACL problem (2 CCU) 1-25-19
- **Scoliosis Specific Exercises: by Charter Rushing, PT 9-14-18(3 CCU)**Motivations Webinar
- **APTA Combined Sections Meeting: San Antonio, TX 2-17-2-10-2017**
 - Return to Sports
- **CE**
 - The Foot and the Ankle: Your First Step to Function Live Online by ,PT (9-27-16- 2 hr webinar)
- **APTA**
 - Keep Runner's Running (5-14-15) Webinar
 - Repetitive Stress Injury in Youth Athletes, by APTA Learning Center, 11-30-14 (2 CCU)
- CSM-San Antonio: Sports Rehab (2 hr). 2-20-17**
 - The ACL Injury from A to Z (2-16-17): 2 CCU**
 - Best Treatment for Subacromial Impingement Syndrome (2-17-19) (2 CCU)**
- **EIM**
 - Isometric Exercise for Chronic Pain and Performance by Eli Denham,PT, 1 hr webinar 11-11-21
- **HSU Lunch and Learn**
 - Mirror, Mirror on the Wall: Mirror Therapy at Its Finest (1 CCU) Dr. Brewer and McCormick, HSU 11-12-19
 - Baby Container Syndrome: Are We Treating the Root of the Problem? HSU, 10-8-19 (1CCU)
 - Foot and Ankle Injuries in Sports Medicine by Dr. Vann, 3-3-15
 - Extremity Injuries in Pediatric Athletes by Dr. Jennifer Johnson, 11-10-15
- **JOSPT/JBJS: ASSESSING PATIENT SATISFACTION FOLLOWING ANTERIOR CRUCIATE LIGAMENT RECONSTRUCTION 12-13-17 (1 HR) WEBINAR**
- **MOTIVATIONS**
 - Lower Extremity Examination Tests by Dr. Dawn Gulick, PT (11-12-14, 3 CCU)
 - Strengthening the CORE for Better Balance- Caroline Creager, PT (10-30-14 (3 CCU)
 - Upper Quadrant Entrapment Neuropathies: Evaluation, Treatment and Ways to identify Central Sensitization. Live Webinar by Motivations, S Stralka, PT, DPT 3-25-14 (3 CCU)
 - Restoring Shoulder Rotation Before Elevation by Robert Donatelli, PT (2 CCU) 5-8-12

- Evidence –Based Upper Extremity Orthopedic Examination Tests by Dawn Gullick6-27-12
- **Osteoarthritis Action Alliance**
 - OAAA: Lunch and Learn: The impact of knee OA on physical activity: is it all about the pain. Daniel White, PT, ScD; 12-17-14; 30 minutes Webinar
- **TPTA Annual Convention, Arlington, TX**
 - The Etiology of Running Injuries (2 CCU) 10-25-13
 - Sports Performance in Rehabilitation: Bridging the Gap (4 CCU) 10-26-13
- **APTA Annual Convention-Tampa Bay, FL (6-8-12 – 6-10-12)**
 - Select Interventions for Functional Retraining of the Hip, Pelvis and Knee (1 CCU) 6-8-12
- **GANNETT Education Online**
 - Sesamoiditis: Pushing off From Pain. (1 CCU) 5-22-12
- **Medscape Online Continuing education(AMA)**
 - Lower Back pain and Stiffness in a Diabetic Man, (0.25) 8-7-12
- **APTA Combined Sections Meeting, New Orleans, LA, 2-10-11- 2-12-11**
 - Biomechanical Factors Underlining Running Injuries: Proximal and Distal Factors 2-10-11 (1.5 CCU)
- **Kinesiotaping KT1-KT2: Fundamental and Advanced Kinesiotaping, (16 CCUs)by Pam Samaniego,PT, HSU, Abilene, TX 4-8 to 4-9-11**
- **Kinesiotaping KT3 Advanced Specific Kinesiotaping (8 CCUs) by Pam Samaniego, PT, @HSU, Abilene, TX 7-16-11**
- **North American Sports Medicine Institute**
 - Selective Functional Movement Assessment by Michael Voight 10-7-11 to 10-8-11(16CCU) , Ft Worth
- **TPTA ANNUAL CONFERENCE**
 - Mechanisms of Therapeutic Exercise Progression by Allan Besenick (3 CCUs)
 - Neural, Immune, and Endocrine Substrates of Ortho, Dysfunction: Implications for Ortho Rehab by Rob Henderson (3 CCU)

PHARMACOLOGY

_Opioid Trends

RESEARCH

HSU Scientific Inquiries: Annual Presentation of Professional Projects

28th: 3-1-24 (3.5 hours)

27th: 3-3-23 (3.5 hours)

26th: 3-4-22(3.5 hours)

25th: 3-5-21 (3 hours)

24th: 3-4-20 (3 hours)

TEACHING

- **ELC, Milwaukee, WI:**
 -
- **HSU:**
 - **Burnout: What ? How? And Why All the Surveys?™** Lunch and Learn by Jill Jumper, PT, DPT 2-8-22 (1 CCU)
 - **Title IX Updates: 10-22-19, 11-20 (1 hr)**
 - **Title IX for Employees Refresher 12-3-18, 11-20**
- **Federation of State Boards: Ok City, OK:** Legal Issues with Sexual Predators (10-26-19)
- **Lawn Baptist Church:** How to Recognize Sexual Predators, 3-19
- **Helping the Underprepared Student in Anatomy (11-7-19)** 1 hr Webinar through McGraw Hill
- **APTA-CSM: Washington, DC (1-19)**

- Light Them Up! Unplugged Teaching Tools to Facilitate Active Learning (1-25-19)
- **Educational Leadership Conference, Jacksonville, FL 10-12-1,2019**
- **APTA-CSM: San Antonio, TX (2-17)**
 - Ethical Challenges: Down the Rabbit Hole into Academic and Clinical Wonderland (2-17-19) 2 CCU)
 - The Sunk Cost Fallacy by Chad Cook, 2-17-19 (2 CCU)
 - Sleepless in San Antonio: Guiding Patients to better Sleeping and Wellbeing
- **FA Davis: Actionable Tips & Strategies for Distance Education(1hr) webinar: 4-28-20**
- **Federation of State Boards for Physical Therapy**
 - Item Writing Task Force Meeting for the National Physical Therapist Examination (NPTE)- Alexandria, VA; April 20-24th, 2017
 - Item Writing Task Force Meeting for the National Physical Therapist Examination (NPTE)- Alexandria, VA; 9-16 to 9-18-16 (20 CCU)
 - Regional Item Writer Workshop, Dallas, TX 1-15-1-16-14 (16.75 CCU)
 - Basic Item Writer Workshop, April 5-7, 2013, Abilene, TX (16.25 hrs)
- **CENGAGE learning**
 - From Koala to Kangaroo: Getting your students hopping with Active Learning in the Classroom. Webinar by Shawn Orr, April 2nd, 2015 (1 hr)
- **Educational Leadership Conference-APTA (Jacksonville, FL10-12/13-18)**
 - **12 hrs of conferences/ posters/ presentations**
- **Rocky Mountain University**
 - Providing Quality Feedback on Assignments. (1.0 hr) 4-2-15
- **EIM/ Rocky Mountain Webinar**
 - Flipping the Classroom by Tim Flynn and Rob Wainer, PT 6-3-13 (1 hr) no CCU credit
- **APTA Annual Convention-Tampa Bay, FL (6-8-12 – 6-10-12)**
 - Responding to the Needs of the “Millennials”: Promoting Student Competence in the Classroom and Beyond by Diane Clark, Ceclia Graham, et al.(2 CCU) 6-8-12
 - Professional Integrity in a Challenging Health Care Environment (2 CCU) 6-8-12
- **Healthleaders Webinars: "Vicarious Trauma: Tackling Occupational Hazards of the Pandemic, 7-23-20 (1 hr)**
- **HSU Pedagogical Workshop**
 - Teaching Practices Using Blackboard Tools, 4-13-11 (1 hr)
- HSU Scientific Inquiries (3-6-20; 3-8-19, 3-9-18) (3-4 CCUs)
- **HSU Lunch and Learn: 3-8-19 (3 CCUs)**
 - Infant Massage: Promoting Nurturing Touch to Babies by JoBeth Willis, 11-9-21
 - Is it a Need for Speed or Slow and steady that wins the race? Driving evaluations and Reaction Times 9-14-21(1CCU)
 - Undiagnosed Psychiatric Illness and Treatment Outcomes by Kathy Robinson, PA 4-9-19
 - Motivating Patients by Sherry Rosenblad, 3-5-19
- **HSU FAN the FLAME (1-11-18) 4 hrs**
 - Using Tech to Connect in an Online, Hybrid or Face-to-Face Class by Scott Hamm(1-12-18)
 - Dangers of Long-term Stress/Anxiety by Jennifer Eames, Nikki Rhodes (1-12-18)
 - Not Just an Accommodation, but an Opportunity for Inclusivity, Diversity, and Commitment to Civil Rights (1-12-18)
 - Canvas Tips, Tricks and Practical uses in a Face-to Face, Hybrid, or Online Class(1 CCU)1-11-17
 - Teaching Special Student Populations in College Classes (2 CCU)1-11-17
- **Magna Online Teaching Professor: Grade Less, Teach Less, Learn More** by Thomas Tobin, 1 hr webinar 7-20-22
- **Magna Online Teaching Professor Trauma-Informed Pedagogy: Teaching in Uncertain Times** by Mays Imad (1 hr) Webinar: 4-28-20
- **PT Management Support Systems**

-Cultivating a professional PT/OIT Culture -Giving and Receiving Feedback on Professionalism (9-25-18 (1.0CCU)

- **Wylie:**
Transitioning to Online Learning for Anatomy and Physiology by Dr. Erica Harrison 4-21-20(1 hr)
Using Digital Resources to Increase Success in A&P by Tina Fay(1 hr) 4-15-2020
Developing Critical Thinking in the Classroom (1 hr webinar) 4-15-19

Introduction to Clinical Diagnosis and Management I

- **TPTA**
- Optimizing Outcomes; Evidence Based exercise Prescription (3.5)
- **GRASTON M1-Basic Training: Clinical Foundations for Graston Technique** by Mike Polinski, PT 2-5-6-16 (12 hours), San Angelo, TX
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-Influence of an aquatic environment on cognition and gait. , 4-21-15, 1 hr
-Strategies for Treating Low Back Injuries with Aquatic Therapy 3-19-15, 1 hr
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Combined Section Meeting-APTA, Las Vegas, NV, 2-3-14 to 2-6-14
-Exercise Prescription for Common Lower Extremity Pathologies (1.5 CCU) 2-6-14
-Response of Cartilage, Bone and Muscle to Functional Loading (2 CCU) 2-5-14
-Pearls for the Tough Ones: Manual and Exercise Techniques (2 CCU) 2-4-14
-Therapeutic Exercise Prescription: Part 1 (2 CCU) 2-5-15
-Development and the Throwing Athlete (2 CCU) 2-4-14
- **GANNETT Home Education(online) offered though Today in PT.com**
-Back in Action with Joint Replacements, Part 1(PT411): 10-14-13 (1 CCU)
-Assistive devices for Ambulation: An update (PT48) 4-3-13 (1 CCU)
- **GSC Home Study Course**
-Q3380 Lumbar Spinal Stenosis: A Comprehensive Review for Rehab Professionals, 5-22-13(3 CCU)
- **JOSPT- online CEUS**
-Which exercises target the gluteal muscles while minimizing activation of the TFL? EMG assessment using fine wire electrodes. 2-22-13 (2 CCUs)

PHARMACOLOGY

-Adverse Drug Reactions: unwanted, Undesirable, but Inevitable by Greg Perry, PharmD 11-29-22 (HSU Lunch and Learn) 1 hr

CURRENT TEACHING RESPONSIBILITIES IN THE ENTRY-LEVEL PHYSICAL THERAPY PROGRAM (IN SEQUENCE, BY QUARTER OR SEMESTER):

Courses Taught in 2022-24:

PHYT 7101	Orientation to Physical Therapy (Fall 1)
PHYT 7401	Clinical Anatomy I (Fall I)
PHYT 7302	Clinical Anatomy II (Spring I)
PHYT 7233	Foundations for Clinical Diagnosis and Management II-Diagnostic Imaging (Summer I)
PHYT 7428	Healthcare Management (Spring II)
PHYT 7101	Campus clinic (all semesters)
PHYT 7134	Therapeutic Exercise (Sp 23)
PHYT 7134	Pharmacology (F 2023)
PHYT 7305	Clinical Anatomy for the Anatomy Certification program
PHYT 7308	Clinical Anatomy Lab for Anatomy Certification Program
PHYT 7202	Diagnostic Imaging for the Anatomy Certification Program

Courses Taught in 2013-2021:

PHYT 7101	Orientation to Physical Therapy (Fall 1)
PHYT 7421	Introduction to Clinical Diagnosis and Management I (Fall I)(until 2018)
PHYT 7401	Clinical Anatomy I (Fall I)
PHYT 7302	Clinical Anatomy II (Spring I)
PHYT 7223	Foundations for Clinical Diagnosis and Management II-Diagnostic Imaging (Summer I)
PHYT 7428	Healthcare Management (Spring II)
PHYT 7101	Campus clinic (all semesters)
PHYT 7134	Pharmacology (2020)
PHYT 7133	Foundations for Clinical Diagnosis and Management II-Diagnostic Imaging (Summer I) to 2022

Courses that I have/ or presently provide assistance with:

PHYT 7303	Applied Physiology I (Fall): guest lecturer-FCE (1.5 hr 2019-2023) (3 hr class till 2018)
PHYT 7421	Introduction to Clinical Diagnosis and Management I (Fall I): guest lecturer for Therapeutic Ex(3 hr- 2023); in past: 2 classes(FCE, Pediatrics) (2019-2 class, 3 classes 2018)
PHYT 7322	Introduction to Clinical Diagnosis and Management II (Spring I): past: guest lecturer for Aquatics-3 hrs, lab assistant (2006-2018)
PHYT 7425	Clinical Diagnosis and Management II: Cardiopulmonary (Summer I): lab assistant-(2000-2018)
PHYT 7424	Clinical Diagnosis and Management I: Musculoskeletal (Fall II): guest lecturer –Orthotics and Prosthetics/ Taping (3 hrs)
PHYT 7334	Clinical Diagnosis and Management II: Pediatrics/Geriatrics (Fall II) in past till 2022- guest lecturer – Pediatric Orthopedic (3 hrs)
PHYT 7427	Introduction to Clinical Diagnosis and Management: Neurorehabilitation (Fall II): guest Lecturer-CVA (1.5 hrs)
PHYT 7423	Clinical Diagnosis and Management I: Musculoskeletal (Summer I): guest lecturer Orthotics and Prosthetics/ Taping (4 hrs(2023) hrs)
PHYT 7244	Professional Seminar III: Ethics- 3 hrs(2023) in past: 2 hrs)

PA program: 2nd year: 1 hr presentations on Plantarfasciitis, Brachioplexus, Shoulder Impingement (in past_