

CURRICULUM VITAE

Nora Riley, PT, PhD
St. Ambrose University

Education:

Doctor of Philosophy
University of Iowa, Iowa City, IA
Physical Therapy and Rehabilitation Science
May, 2010

Master of Arts
University of Iowa, Iowa City, IA
Physical Therapy
May, 1999

Bachelor of Science
St. Louis University, St. Louis, MO
Physical Therapy
May, 1994

Licensure Information:

Iowa, 02130

Certifications:

ABPTS Neurologic Clinical Specialist, 2001, 2011, 2021
Vestibular Rehabilitation, Competency Course, 1999
Advances in Vestibular Rehabilitation, Competency Renewal Course, 2011, 2021

Employment and Positions Held:

Academic

Professor
St. Ambrose University
Davenport, IA
2013-Present

Interim Director
St. Ambrose University
Davenport, IA
2018-2018

Associate Professor
St. Ambrose University
Davenport, IA
2010-2013

Assistant Professor
St. Ambrose University
Davenport, IA
2003-2010

Adjunct Assistant Professor
St. Ambrose University
Davenport, IA
1998-2003

Lecturer
St. Ambrose University
Davenport, IA
1995-1998

Non-Academic

Per Diem Senior Physical Therapist
Genesis Visiting Nurses Association
Bettendorf, IA
2007-Present

Per Diem Senior Physical Therapist
Genesis Outpatient Rehabilitation
Bettendorf, IA
2003-Present

Physical Therapist
Genesis Outpatient Rehabilitation
Bettendorf, IA
1994-2003

Peer Reviewed Publications:

Quinn L, **Riley N**, Tyrell C, Judd D, Gill-Body K, Hedman LD, Packel A, Brown D, Nabar N, Scheets P. A framework for movement analysis: Core Concepts and recommendations for clinical practice. *Physical Therapy*. 2021. 101(9):1-8.

Gill-Body K, Hedman LD, Plummer L, Wolf L, Hanke T, Quinn L, **Riley N**, Kaufman R, Verma A, Quiben M, Scheets PL. Movement System Diagnoses for Balance Dysfunction: Recommendations from the Academy of Neurologic Physical Therapy Movement System Task Force *Physical Therapy*. 2021.101(9): 1-12.

Hedman LD, Quinn L, Gill-Body K, Brown DA, Quiben M, **Riley N**, Scheets PL. White Paper: Movement System Diagnoses in Neurologic Physical Therapy. *J Neurol Phys Ther*. 2018. 42(2):110-117.

Riley NA, Frank LF. College of Health and Human Services Inter-Professional Clinical Reasoning Event. *A Compendium for Teaching Physical Therapy Neurologic Content*. 9/2016.

Riley NA, Bilodeau, M., Changes in upper limb joint torque patterns and EMG signals with fatigue following a stroke. *Disability & Rehabilitation*, 2002, 24(18): 961-969.

Bilodeau M, Houck J, Cuddeford T, Sharma S, **Riley NA**. Variations in the relationship between the frequency content of EMG signals and the rate of torque development in voluntary and elicited contractions. *Journal of Electromyography and Kinesiology*, 2002, 12:147-155.

Riley NA, Bilodeau, M, Gaitonde S. Contribution of Central and Peripheral Mechanisms to Fatigue Following a Stroke *Neurorehabil Neural Repair*, 1999; 13:35.

Non-Peer Reviewed Publications

Hedman LD, Gill-Body KM, Quinn L, Hanke T, Judd DL, Plummer L, Quiben M, **Riley N**, Scheets PL, Tyrell CM, Wolf L. On "Reflections on the Wisdom of Profession-Specific Diagnostic Labels." Jette AM. *Phys Ther*. 2021; 101.

Hornby G, Sparto P, Perry S, **Riley N**. Moving Forward: Academy of Neurologic Physical Therapy (ANPT) Position Paper. *J Neurol Phys Ther*. Jan 2021.

Peer Reviewed Scientific and Professional Presentations:

Research Presentations

Trojanowski, **Riley**, Beato, Stephensen, Dennis, Williamson
Use of an online learning management system and supporting technologies to serve as preparation for the neurologic clinical specialist examination
APTA Combined Sections Meeting, New Orleans, LA (Poster Presentation)
February, 2018

Trojanowski S, **Riley N**, Williamson A, Beato M
Use of an online asynchronous web-based platform discussion board for individuals sitting for the neurologic clinical specialist examination
APTA Combined Sections Meeting, San Antonio, TX (Poster Presentation)
February, 2017

Scheets P, Brown D, Gill-Body K, Hedman L, Quiben M, Quinn L, **Riley N**
The Human Movement System: What's the Big Deal?
IV STEP, Columbus, OH (Poster Presentation)
July, 2016

B. Ballantyne, **N. Riley**

Balance ability, balance confidence, and postural control during gait initiation in older adults EXPACC II (Poster Presentation)
June, 2016

Riley, NA, Ballantyne, B.

iPad Use in the First Year of a DPT Program – a Pilot Study

APTA Combined Sections Meeting, Indianapolis, Indiana (Poster Presentation)

February, 2015

Frank LM, **Riley NA**, Swanson C, Trapkus J

Pilot Study: Are Visual Markers in the Home Environment Effective in Improving Parkinsonian Gait?

APTA Combined Sections Meeting, Nashville, Tennessee (Poster Presentation)

February, 2004

Riley NA, Bilodeau M, Gaitonde SS

Contribution of central and peripheral mechanisms to fatigue following a stroke

2nd World Congress in Neurological Rehabilitation, Toronto, Ontario, Canada (Poster Presentation)

April, 1999

Bilodeau M, **Riley NA**, Jactonde SS

The relationship between EMG power spectrum statistics and the rate of rise in torque during electrical stimulation of elbow flexor muscles

Twelfth ISEK Congress, Montreal, Quebec, Canada (Poster Presentation)

June, 1999

Professional Presentations

Judd DL, Tyrell CM, Plummer LS, **Riley NA**

Approaches to integrating movement system principles in entry-level DPT and residency curricula (*submitted*)

APTA Combined Sections Meeting, (Educational Session)

February 2024

Gil-Body K, Hedman LD, Plummer LS, **Riley NA**

How Movement Experts Use Movement Analysis to Guide the Diagnostic Process

ANPT Annual Conference, Minneapolis, Minnesota (Educational Session)

October 2022

Riley NA

A motor control-based framework for movement analysis of tasks across patient Populations

IPTA Meeting, Des Moines, Ia (Educational Session)

May 2022

Quinn L, **Riley NA**, Judd D, Tyrell C

A motor control-based framework for movement analysis of tasks across patient Populations

APTA Combined Sections Meeting, San Antonio, Tx (Educational Session)

February, 2022

Hedman L, **Riley NA**, Gil-Body K, Quinn L. Moving Forward with the Movement System. Academy of Neurologic Physical Therapy Annual Conference, Virtual (Educational Session)
August, 2021

Gil-Body K, Hedman L, **Riley NA**.
Standardized Task Analysis for Movement System Diagnoses: Application to Individuals with Balance Problems
APTA Combined Sections Meeting, Denver, CO (Educational Session)
February, 2020

Quinn L, **Riley NA**.
Movement System 2 – Task Analysis in Neurologic Physical Therapy
Academy of Neurologic Physical Therapy Synapse Education Center (Webinar)
April, 2019

Hedman, Scheets, Quinn, Gil-Body, Brown, Quiben, **Riley**.
A Forum on Movement System Diagnoses for Balance Dysfunction
APTA Combined Sections Meeting, Washington, DC (Educational Session)
January, 2019

Scheets P, Brown D, Gill-Body K, Hedman L, Quiben M, Quinn L, **Riley N**.
The Human Movement System: What's the Big Deal?
APTA Combined Sections Meeting, San Antonio, TX (Educational Session)
February, 2017

Invited Presentations

Sample, Non-Peer Reviewed Presentations: (last 5 years)

Riley NA

Vestibular Rehabilitation – Examination and Intervention of Balance and Dizziness Disorders Progressive Rehabilitation, Coralville, IA
June, 2021

Riley NA

Vestibular Rehabilitation – Examination and Intervention of Balance and Dizziness Disorders Learning and Training Center, Mount Laurel, NJ
September, 2019

Riley NA

Vestibular Rehabilitation – Examination and Intervention of Balance and Dizziness Disorders Learning and Training Center, Fort Lauderdale, FL
July, 2019

Riley NA

Vestibular Rehabilitation – Examination and Intervention of Balance and Dizziness Disorders Learning and Training Center, Jacksonville, FL
June, 2019

Riley NA

Vestibular Rehabilitation – Examination and Intervention of Balance and Dizziness Disorders Learning and Training Center, Charlotte, NC
November, 2018

Riley NA

Vestibular Rehabilitation – Examination and Intervention of Balance and Dizziness Disorders Learning and Training Center, Oakbrook, IL
June, 2018

Current Activity/Research Activity:

Gil-Body K, Hedman L, Quiben M, Quinn L, **Riley N**, Scheets P.
Development of examination, diagnosis, prognosis, and intervention guidelines for Neurologic Physical Therapy in line with the Human Movement System.

Ballantyne B, Cooper N, Frank LM, **Riley N**

Evidence Based Profiles of Physical Therapy Student Interns and their Clinical Instructors
Funding: \$2000, College of Health & Human Services Faculty Scholarship Grant

Membership in Scientific/Professional Organizations:

American Physical Therapy Association

1994-Present

- a) Academy of Geriatric Physical Therapy, 2019-Present
- b) Academy of Physical Therapy Education, 2016-Present
- c) Academy of Neurologic Physical Therapy, 2016-2022
 - o Treasurer
- d) Academy of Neurologic Physical Therapy, 1999-Present
 - o Mentor, 2016-Present
 - o Neurologic Certified Specialist Committee Chair, 2014-2016
 - o Neurologic Certified Specialist Committee member, 2012-2016

World Physiotherapy, 2016-Present

- a) International Neurological Physical Therapy Association (INPA), 2016-Present

American Board of Physical Therapy Specialties, SACE Content Expert-Neurology, 2012-2016

- a) Item writer

Consultative and Advisory Positions:

Movement System Task Force, Appointed member
Academy of Neurologic Physical Therapy
2015-Present

Movement System Task Force
Task Analysis Sub-Group
Academy of Neurologic Physical Therapy
2017-Present

Movement System Task Force
Balance Diagnoses Sub-Group
Academy of Neurologic Physical Therapy
2020-2023

Critical Appraisal Team for the development of the Vestibular Clinical Practice
Guidelines, Appointed member
Academy of Neurologic Physical Therapy
2019-2021

Movement System Task Analysis Work Group, Appointed member, ANPT
representative
American Physical Therapy Association
2018-2019

Critical Appraisal Team for the development of the CPG for Use of AFO and FES post-
stroke, Appointed member
Academy of Neurologic Physical Therapy
2017-2019

Diagnosis Dialogue Task Force
American Physical Therapy Association
2015-2016

Critical Appraisal Team for the development of the Vestibular Clinical Practice
Guidelines, Appointed member
Academy of Neurologic Physical Therapy
2013-2014

Standards Setting Task Force, Appointed member
American Physical Therapy Association
2012

NCS Standards Setting Committee, Appointed Member
American Board of Physical Therapy Specialties, Neurology Section
2002

Community Service:

Stroke Support Group Speaker
Genesis Medical Center, Davenport, IA
2004-Present

Quad Cities Traumatic Brain Injury Support Group Speaker
Davenport, IA
2004-Present

Music Ministry, Pianist
St. Paul the Apostle Parish
2010-Present

St. Paul the Apostle Parish Member
Davenport, IA
2004-Present

Altar and Rosary Society Member
St. Paul the Apostle Catholic Church
2011-Present

Faith Formation Commission Member
St. Paul the Apostle Catholic Church
2013-2017

Home and School Association
St. Paul the Apostle Catholic School
2004-2020

Parish Council Member
St. Paul the Apostle Catholic Church
2013-2016

Board of Education Vice President
St. Paul the Apostle School
2011-2015

St. Paul School Representative
Scott County Parochial Schools Advisory Board
2012-2015

St. Ambrose Children's Campus Stakeholders group

2012-2015

Vice President / Support Group Chairperson
Quad Cities Brain Injury Association
1995-2003

Stroke Support Group Groups Leader/Founder
Genesis Medical Center, Davenport, IA
1994-2005

Services to the University/College/School on Committees/Councils, Commissions:

University

2013-Present

SAU New Faculty Mentor

1998-Present

SAU Faculty Assembly Member

2019-2023

SAU Promotions, Tenure and Standards Committee Member

2014-2020

SAU Wine Festival Committee Social Media Chair

2016-2019

SAU Grievance Committee Member

2017

SAU HLC subgroup addressing criterions #3 and #4 – “Teaching, Learning, and Assessment” Member

2012-2014

SAU Faculty Handbook Committee Member

2010-2012

SAU Academic Support Member

2011

SAU Faculty Assembly Task Force on Web-Page Format – Information Distribution Member

2005-2011

SAU DBA program Admissions Committee Member

2007-2008

SAU Board of Studies Chair

2006-2008
SAU Board of Studies Member

2005-2006
SAU HLC subgroup addressing criterion #3 -“Student learning and effective teaching”
Member

College

2015-Present
SAU CHHS Interprofessional Health Clinic Supervisor

2009-Present
SAU CHHS Interprofessional Faculty Facilitator

2011-2015
SAU CHHS Interprofessional Committee Member

2011-2012
SAU CHHSE Master of Social Work Faculty Search Committee Member

2011
SAU Nursing Program Search Committee Member

2004
SAU Nursing Program Search Committee Member

Department

2013-Present
SAU PT Department Admissions and Retention Committee Member

2022-Present
Post Professional Education Committee

2020-2022
SAU PT Department Scholarship Committee Member

2021-2022
SAU DPT Department Faculty Search Committee Member

2018-2021
SAU PT Department Admissions and Retention Committee Chair

1998-Present
SAU DPT Department Faculty Committee Member

2018-2019
SAU DPT Department Post Professional Education Committee Member

2018
SAU PT Interim Director, served on all Department Committees

2002-2018
SAU DPT Department Curriculum Committee Member

2016-2017
SAU DPT Department Faculty Search Committee Member

2015-2016
SAU DPT Department Director Search Committee Chair

2007-2015
SAU DPT Department Curriculum Committee Chair

2011-2011
SAU DPT Department Faculty Search Committee Member

2011-2011
SAU DPT Department Director Search Committee Member

2000-2002
SAU DPT Department Admissions Committee Member

2001
SAU DPT Department Faculty Search Committee Member

Continuing Education Attended: (last 5 years):

- APTA Telehealth Certificate Series, Jun 2023, 12 hours
- CSM Programming, San Diego, California, February 2023, 12 hours
 - Satisfaction, Curriculum, Student Experience, Diversity, and Debt: Where Does Your Program Stand?
 - Clinical Practice Guideline for the Management of Falls in Community-Dwelling Older Adults
 - Novel Rehabilitation Strategies for Persons with Vestibular Disorders and Mild Brain Injury
 - Anne Shumway-Cook Lectureship: Help or Hype? From Stem Cells to Stimulation in SCI Research
 - Are They Even Awake? Evidence Based Management of Disorders of Consciousness After Severe
 - Beyond Posterior Canal BPPV: Clinical Decision Making and a Critical Appraisal of Treatment Techniques for Anterior & Horizontal Canal BPPV

- CSM Programming, San Antonio, Texas, February 2022, 18 hours
 - Designing Meaningful Course Assessments for PT Education
 - Adapting Curricular Design for a new generation of adult learners
 - Competency-Based education in PT 101
 - A collaborative Teaching Design to Improve Integration of High Intensity Interventions in Aging Adult Curriculums
 - Shifting post-stroke acute rehabilitation from facilities to patients' homes
 - Vestibular Rehabilitation for Peripheral Hypofunction: CPG Update
 - Navigating cognitive decline after treatment for COVID-19, Immune-Based Disorders, and Cancer
 - Persistent postural perceptual dizziness: navigating waters of Uncertainty
 - A motor control-based framework for movement analysis of tasks across patient Populations
- Vestibular Competency Based Course, Salt Lake City, Utah, November 2021, 42 hours
- ANPT Annual Conference Programming, Virtual, October 2021, 39.5 hours
 - Collaborative Practice for Change
 - A Decision-Making Tool (DMT) for Stratifying People with Parkinson Disease into Group Exercise Classes
 - A Personalized Approach to Retraining Functional Mobility in a Freezing of Gait Case Study.
 - A Systematic Approach to the Implementation of High-Intensity Gait Training: Making Sustainable Changes in Practice
 - Agility and Fall Prediction in Parkinson: Do we have it backwards?
 - Backward Walking: Assessment and Intervention in Neurologic Disorders
 - Behavior Management: Recognition, Analysis, and Intervention within the Brain Injury Population
 - Benign Paroxysmal Positional Vertigo: A Theory in Evolution
 - Community Reintegration Following TBI- An Interdisciplinary Perspective.
 - Demystifying vestibular function and treatment in Parkinson disease: From central to peripheral pathology.
 - Dual-Task Deficits in Mild Traumatic Brain Injury: Theoretical Foundation, Neurophysiologic Background, and Clinical Implications
 - Expanding the Balance Evaluation: Vestibular Assessment and Treatment for the Non-Dizzy Patient
 - High Intensity Gait Training after Stroke in Inpatient Rehabilitation
 - High Intensity Training in Variable Contexts: Not Just Slapping on Ankle Weights
 - Implementing the CPG for Improving Locomotor Function Part 1: Understanding Active Ingredients and Overcoming Barriers
 - Improving Wheeled Mobility Outcomes Following Acquired Brain Injury
 - It's not all about spinning: The relationship between diabetes, vestibular function, and balance
 - Knowledge translation for Physical Therapy and Multiple Sclerosis: Barriers

- and solutions
- Knowledge Translation of a Clinical Practice Guideline for PT Management of Persons with Huntington's Disease
 - Lower extremity dystonia in Parkinson's disease
 - Pain in Neurodegenerative Disease: Why We Should Pay Attention
 - Peripheral Neuropathies and Vestibular Dysfunction : Recommendations for Vestibular Screen and Benefits of Vestibular Exercises
 - Preparing the next generation of evidence-based practitioners. Integrating the five steps of evidence-based practice into a DPT curriculum.
 - The Real World – The True Story of Attempting to Implement High-Intensity Training During Inpatient Rehab (Part 1)
 - Virtual Reality, Real Change: Applying Therapeutic Virtual Reality using Motor Learning
 - Principles to Drive Neuroplasticity
 - When Do I Translate Evidence to Practice? Avoiding Too-Early-To-Implement Pitfalls Using
 - Clinical Practice Guidelines
 - Is It Really Possible to Implement Standards of Care in Rehabilitation? Yes, But It's Not Easy.
 - Do we measure up?
 - Prediction is difficult, especially about the future
 - Deeper dive into responders / non-responders
 - Value Beyond the Score: Implementation and Engagement with the Core Measures
 - Moving Forward with the Movement System
 - iKNOW-PT: Integrating Knowledge Translation across PT settings - from Academia to Clinic to Community
 - It's a marathon, not a sprint: physical therapy leadership in exercise programs for Parkinson's Disease
 - Physical therapy interventions to facilitate exercise uptake in early-stage Parkinson's disease: in person and remote delivery
 - Neurologic physical therapy practice of today and the future
 - Optimal Outpatient Treatment of Patients with Functional Neurological Disorders
 - Implementing the CPG for Improving Locomotor Function Part 2: Case Examples of Implementation Strategies
 - The Real World – The True Story of Attempting to Implement High-Intensity Training During Inpatient Rehab (Part 2)
 - Neurologic physical therapy practice of today and the future - Clinician's Perspective
 - Collaborative Practice Change: The Building Blocks for Success - Administrator's Perspective
 - Neurologic physical therapy practice of today and the future - Educator's Perspective
 - Neurologic physical therapy practice of today and the future - Researcher's Perspective

- Establishing Vestibular Concussion Rehabilitation Programs Within Two Large Hospital Systems
- CSM Programming, Virtual, February 2021
 - Having Difficulty Removing the Kid Gloves? Implementing High Intensity Training in Neurologic and Geriatric Rehabilitation. February 2021
 - Did major search in the last decade change practice? Locomotor training, gadgets, intensity, or everything works!
 - Chronic pain and chronic dizziness: parallels in pathophysiology and intervention
 - Fear-avoidance behavior in concussion management: using the pain science framework to improve outcomes
 - Patient-specific strategies to augment mobility post stroke and SCI: evidence for the movement system?
 - Virtual reality applications for balance examination and intervention: from theory to practice
 - Building capacity for knowledge translation in rehabilitation
 - Moving beyond the motor system: other factors influencing neurorehabilitation after stroke
 - Reevaluating clinical success: differentiating capacity versus performance
 - HIT-ing the mark: Exercise prescription and high intensity training for persons with MS
 - Expanding dual task training in Parkinson's disease: the intersection of treatment and technology
 - Promoting high quality evidence-based practice in rare neurodegenerative diseases: Huntington's disease as a model
- Medbridge Neurological Programming
 - Balance examination in concussion, December 14, 2020
 - Oculomotor Assessment in concussion, December 14, 2020
 - Assessment of headache and psychiatric issues in concussion, December 14, 2020
 - Concussion assessment: an overview, December 11, 2020
 - Concussion fundamentals, December 11, 2020
 - Mild brain injury and community phase: assessment and intervention, December 11, 2020
 - Moderate brain injury post-acute phase: assessment and intervention, December 11, 2020
 - Acute brain injury and disorders of consciousness: assessment and intervention; December 11, 2020
 - Clinical management of cerebellar dysfunction, December 10, 2020
 - Prevention, wellness, and health promotion in neurologic physical therapy, December 10, 2020
 - Pharmacology for the neurologic physical therapist, December 10, 2020
 - Neuroimaging and stimulation for rehabilitation part 1: Brain Imaging, December 10, 2020

- Pathophysiology and plasticity in neurologic conditions, December 10, 2020
- Foundations of cognitive impairments: understanding attention, December 9, 2020
- Foundations of cognitive impairments: attention examinations and interventions, December 9, 2020
- Cognitive impairments: memory, screening, intervention, December 9, 2020
- Cognitive impairments: executive function, December 9, 2020
- Neurological differential diagnosis and screening for referral, December 2020
- The 10-minute neurologic screening examination, December 2020
- Cranial and peripheral nerve function and impairments, December 2020
- Pain management for adults, December 2020
- Peripheral Neuropathies Part 1: Diagnostics, Examination and Treatment, December 2020
- Peripheral Neuropathies Part 2: Management of common presentations, December 2020
- Decision-making framework for neurodegenerative disease management and exercise, December 2020
- Rehabilitation Research Boot Camp: Statistical Analysis, October 23, 2020
- Comprehensive Vestibular Rehabilitation Certificate:
 - Vestibular Anatomy and Physiology, October 20,2020
 - Identification and Management of Unilateral Vestibular Disorders, October 20,2020
 - Bilateral Vestibular Disorders and PPPD, October 20, 2020
 - Central Vestibular Disorders and HINTS Testing, October 20,2020
 - Vestibular Examination: Oculomotor Testing, October 21,2020
 - Management of Vestibular-Related Dizziness in Geriatrics, October 21, 2020
 - Vestibular Examination: Postural Control Testing, October 21, 2020
 - Vestibular Compensation Exercises and Clinical Resources, October 21, 2020
 - BPPV Pathophysiology and Differential Diagnosis of Positional Vertigo, October 22, 2020
 - Diagnostic Maneuvers for BPPV, October 22, 2020
 - Treatment Maneuvers for BPPV, October 22, 2020
- Motor Learning Certificate:
 - Motor Learning Strategies: Principles for Application, October 16, 2020
 - Motor Learning Strategies: Interventions at the Environmental Level, October 19, 2020
 - Case Studies in Motor Learning Part A: Balance Deficits, October 19, 2020
 - Case Studies in Motor Learning Part B: Total Knee Arthroplasty, October 19, 2020
 - Case Studies in Motor Learning Part C: Post-Stroke, October 19,

2020

- Advanced Physical Therapy Examination of Clients with Huntington's Disease, August 27, 2020
- Advanced Physical Therapy Management of Individuals with Huntington's Disease, August 27, 2020
- Advanced Physical Examination of Clients with Parkinson's Disease, August 27, 2020
- Advanced Physical Management of Individuals with Parkinson's Symptoms, August 27, 2020
- Advanced Physical Management of Multiple Sclerosis, August 27, 2020
- Advanced Physical Therapy Examination of Individuals with Amyotrophic Lateral Sclerosis, August 27, 2020
- Considerations of Cognition: Mobility and Relation of Exercise to Cognitive Function, Aug 28, 2020
- Dementia Types: Differentiation and Appropriate Outcome Measures for Rehabilitation, Aug 28, 2020
- Inflammatory and Diabetic Neuropathies, August 28, 2020
- Spinal Cord Injury Overview, August 29, 2020
- Rehabilitation for Motor Incomplete Spinal Cord Injury, Aug 29, 2020
- Rehabilitation for Motor Complete Spinal Cord Injury, Aug 29, 2020
- Central Vestibular System: Normal Anatomy and Physiology, September 1, 2020
- Central Vestibular Disorders: Pathology and Management, September 1, 2020
- Motor Control, Motor Learning, and Gait Recovery After Stroke, September 1, 2020
- Predicting Recovery and Setting Appropriate Upper Extremity Goals Post-Stroke, September 2, 2020
- Acute Care for Management of Stroke, September 2, 2020
- Upper Extremity Strategies Along the Post-Stroke Recovery Continuum, Sept 2, 2020
- Using Neuroplasticity Principles to Guide Therapeutic Intervention Post-Stroke, September Sept 2, 2020
- Task Analysis and Task Specific Training 1: Theoretical Foundations, September 3, 2020
- Task Analysis and Task Specific Training 2: Clinical Application, September 3, 2020
- Task Analysis and Task Specific Training 3: Design and Adaptation, September 3, 2020
- Motor Learning in Neurologic Populations, September 4, 2020
- CSM Programming, Denver, CO, February 12-15, 2020, 18 hours
 - Anne Shumway-Cook Lectureship: Vestibular Rehabilitation Research: Oh, the places well go
 - High-Intensity Interval Training in Stroke Rehabilitation: State of the evidence

- and clinical implications
 - ANPT Platform 1: SCI/General Neurologic Practice
 - Removing kid gloves in neurologic and geriatric rehabilitation
 - Neuromodulation in combination with task-specific training to improve outcomes after spinal cord injury
 - Apples to apples? Experiences from implementing high intensity gait training in the US and Norway
 - Standardized task analysis for movement system diagnoses: application to individuals with balance problems
 - Update on Developing successful strategies to manage patient with functional and psychiatric vestibular disorders
 - Eugene Michaels Forum: Infobesity in practice: Is big data interfering with clinical decision making
- Concussion: Physical Therapy and Medical Management, Medbridge, September 2019, 3 hours
- Pharmacology in Rehabilitation, Davenport, IA, June 2019, 13.5 hours
- CSM Programming, Washington DC January 2019, 18 hours
 - Anne Shumway-Cook Lectureship: A Journey Through Time
 - Pearls of Post-Concussion Syndrome
 - Improving Community ambulation after Hip Fracture
 - Fake News
 - Advances and Future Direction; International Vestibular Rehabilitation Conference
 - Utilization of Knowledge Translation in Neurologic Physical Therapist Practice
 - A Forum on Movement System Diagnoses for Balance Dysfunction
 - Evidence-Based Documents in Geriatric Physical Therapy
- International Conference for Vestibular Rehabilitation, Chicago, IL, August 2018, 18 hours
- CAPTE Self Study Workshop, June 2018, 13 hours
- Pharmacology in Rehabilitation, Davenport, IA, June 2018, 13.5 hours
- The New Geriactive Patient, Medbridge, June 2018, 2 hours
- Concussion: Common Findings in the Physical Therapy Evaluation, Medbridge, April 2018, 3.5 hours
- Neuromuscular Changes with Aging, APTA learning center, June 2018, 2 hours
- Evidence-Based Practice Symposium, Davenport, IA, April 2018, 3.25 hours
- CSM Programming, New Orleans, LA February, 2018, 18 hours
 - The Pathologic Geriatric Sit to Stand
 - Clinical Practice Guidelines for Strategies that Maximize Locomotor Function
 - Applying the Movement System Diagnosis to Neurodegenerative Diseases
 - Delayed Recovery and Medical Interventions for Recalcitrant Vestibular Disorders

- Integrating Clinical Reasoning and the Movement System Across Health Conditions
- No Longer Lost in Translation: Closing the Know-Do Gap in Locomotor training
- Neuroimaging Biomarkers and Predictors of Motor Recovery: Implications for PTs
- Concussion: A Revealing Look at Mild TBI Across the Lifespan.

Current Teaching Responsibilities in the Entry-level Physical Therapy Program:

Year 1, Fall 2023, Term 1

DPT 560: Physical Procedures I

Lab Assistant

Year 1, Spring 2024, Term 2

DPT 520: Pathology and Medical Management

Lecturer

DPT 540: Neuroanatomy and Neurophysiology

Course Coordinator

Year 1, Summer 2024, Term 3

DPT 590: Pharmacology in Rehabilitation

Course Coordinator

DPT 800: Applied Anatomy and Physiology

Lecturer

Year 2, Fall 2023, Term 4

DPT 630: Neuromuscular Therapeutics

Course Coordinator

DPT 710: Evidence-Based Practice III

Lecturer

Year 2, Spring 2024, Term 5

DPT 715: Evidence-Based Practice IV

Lecturer

DPT 820: Differential Diagnosis

Lecturer

Year 2, Summer 2024, Term 6

DPT 830: Management of the Medically Complex Patient

Instructor

Years 1-3, Terms 1-7

DPT 835: Portfolio Project

Lecturer