

CURRICULUM VITAE

Rebecca Ann Martin

Education

PhD in Physical Therapy

Nova Southeastern University

Physical Therapy

Dissertation: Effects of Cueing During Sit to Stand in Parkinson Disease

December 2020

Doctor of Physical Therapy

MGH Institute of Health Professions

Physical Therapy

May 2010

Master of Science in Physical Therapy

Misericordia University

Physical Therapy

May 2008

Bachelor of Science in Health Sciences

Misericordia University

Health Sciences

May 2008

Licensure Information/Registration Number

New York State Physical Therapy License #034114-1

2011-Present

Indiana State Physical Therapy License #05014160A

2021-Present

Arizona State Physical Therapy License #8120

2008-2012, voluntarily inactivated license

ABPTS Certifications

Board Certified Clinical Specialist in Neurologic Physical Therapy

#44093 American Board of Physical Therapy Specialties

2014-2024 (currently in process of renewing until 2034)

Other Most Relevant Certifications

Onsite Reviewer

Commission on Accreditation in Physical Therapy Education

2024

Applying the Quality Matters Rubric Certification
Quality Matters
2022

Credentialed Clinical Instructor
American Physical Therapy Association
2009

Leading Remote Teams Executive Certification
Cornell University
2022

Hybrid Learning Certification
Evidence in Motion Institute of Health Professions
2020

Credentialed Telehealth Provider
American Physical Therapy Association
2020

Employment and Positions Held

Owner, Lead Consultant and Medical Writer
Wildfire Global Consulting, LLC
Potsdam, New York
January 2019 – present

- Creation of materials for a variety of clients including the Parkinson Foundation, the F.A. Davis textbook company, and individuals presenting at conferences

Faculty and Patient Management Expert
EnTandem DPT and the University of Montana's tDPT Program
RehabEssentials
Columbia Falls, Montana (hybrid)
March 2021 – present

- Responsible for designing, creating, implementing, and assessing neurologic coursework

Lead Neurologic Physical Therapist (2 days per week)
Matthew S. Hayes Physical Therapy, PLLC
Private practice
Massena, New York
June 2023 – present

- Treat neurological and sports conditions in a private practice setting
- Train others clinicians in best practices related to neurologic conditions

Owner, Physical Therapist
Martin Physical Therapy
Cash-based private practice
Potsdam, New York (hybrid)
March 2018 – June 2023

- Treated neurological and sports conditions in a community yoga center, athletic training offices, patient homes, and through telehealth

Clinical Assistant Professor of Physical Therapy
Hanover College
Hanover, Indiana (hybrid)
March 2021 – October 2022

- Designed, created, implemented, and assessed outcomes from neurologic, pharmacologic, movement science, and pediatric coursework
- Held many services roles outlined in the “Services to University/College/School on Committees/Councils/Commissions” section below

Faculty, Department of Physical Therapy
Clarkson University
Potsdam, New York
Positions held:

- Clinical Associate Professor (June 2018- June 2020)
- Clinical Assistant Professor (August 2013- June 2018)
- Clinical Instructor (January 2012- August 2013)

Responsibilities:

- Led a team of 6-9 faculty in the design, creation, implementation, and outcome assessment of the neurologic coursework
- Taught within cardiology, orthopedic, ethics, professional foundation, research, and multiple systems courses
- Held many services roles outlined in the “Services to University/College/School on Committees/Councils/Commissions” section below

Physical Therapist (per diem)
Canton Potsdam Hospital

Acute care, swing bed, and hospital-based outpatient

- Full lifespan, variety of conditions with 50% focus on neurological conditions

Potsdam, New York

2011- 2018

Physical Therapist (per diem)

Access VR

- Office ergonomic assessments

Malone, New York

2016-2017

Staff Physical Therapist

Yuma Rehabilitation Hospital

Inpatient rehabilitation hospital

- Full lifespan, variety of conditions with approximately 75% focus on neurological conditions in children and adults

Yuma, Arizona

2009-2011

Staff Physical Therapist

Life Care Center of Yuma

Skilled nursing facility

Older adults with significant impairments due to a variety of health care related causes

Yuma, Arizona

2008-2009

Peer Reviewed Publications (*students)

Journal Articles

1. Martin J, Huang H, Johnson R, Yu LF, Jansen E, **Martin R**, Yager C, Boolani A. Association between Self-reported Sleep Quality and Single-task Gait in Young Adults: A Study Using Machine Learning. *Sleep Science*. 2023; 16(04):e399-e407.
2. **Martin RA**, Fulk G, Dibble L, Boolani A, Vieira ER, Canbek, J. Modeling Cues May Reduce Sway Following Sit-To-Stand Transfer for People with Parkinson's Disease. *Sensors*. 2023; 23(10): 4701.
3. Boolani A, Martin J, Huang H, Yu LF, Stark M, Grin Z, Roy M, Yager C, Teymouri S, Bradley D, **Martin R**, Fulk G, Kakar RS. Association between Self-Reported Prior Night's Sleep and Single-Task Gait in Healthy, Young Adults: A Study Using Machine Learning. *Sensors (Basel)*. 2022; 22(19):7406. doi: 10.3390/s22197406. PMID: 36236511; PMCID: PMC9572361.
4. Stark M, Huang H, Yu L, **Martin R**, McCarthy R, Locke E, Yager C, Smith M, Jacobson B, Boolani A. Manifestations of Anxiety in Gait. *Medicine & Science in Sports & Exercise*. 2022; 54(9S):187. doi: 10.1249/01.mss.0000877404.18087.70.
5. Boolani A, Huang H, Johnson R, Yu L, Jansen E, **Martin R**, Yager C, Jacobsen B, Martin J. Association Between Self-Reported Sleep Quality and Gait in Young Adults: A Study Using Machine Learning. *Medicine & Science in Sports and Exercise*. 2022; 54(9S):187. doi: 10.1249/01.mss.0000877408.44080.fa.
6. Boolani A, Moghaddam M . . . **Martin R**, et al. The Effects of Vision-Deprived Progressive Resistance Training on One-Repetition Maximum Bench Press Performance: An Exploratory Study. *Vision*. 2022; 6(3): 47-59.
7. Wells C, Kegelmeyer D, Mayer K, Kumble S, Reilley A, Campbell A, **Martin R (senior author)**. APTA Cross Academy/Section COVID-19 Core Outcome Measures Task Force APTA Cross Sections and Academies Recommendations for COVID-19 Core Outcome Measures. *JACPT*. September 09, 2021. Doi: 10.1097/JAT.000000000000172.
8. Mahoney G, Martin J, **Martin R**, Yager C, Smith M, Grin Z, Vogel-Rosbrook, Bradley D, Appiah-Kubi K, Boolani A. Evidence that feelings of energy and fatigue are associated differently with gait characteristics and balance: an exploratory study. *Fatigue: Biomedicine, Health, and Behavior*. 2020; 9(3), 125-138. DOI: 10.1080/21641846.2021.1950405.
9. Boolani A, Banerjee N, Banerjee S, Smith M, Ryan J, Fulk G, **Martin R (senior author)**. Do changes in mental energy and fatigue impact functional assessments associated with fall risks? An exploratory study using machine learning. *Physical & Occupational Therapy in Geriatrics*. 2020; 38(3), 283-301. DOI: 10.1080/02703181.2020.1748788.
10. Stark M, Yager C, Taladay P, Teymouri S, Alvarez J, Vogel-Rosbrook C, **Martin R**, Boolani, A. (2020). Manifestation of Anxiety in Gait. *The FASEB Journal*. 2020; 34(S1):1.
11. Boolani A, Yager C, Smith Lee, Mondal S, Sathiyakumar T, Senarathna D, Teymouri S, Vogel-Rosbrook C, Alvarez J, Taladay P, **Martin R (senior author)**
12. Boolani A, **Martin R**, Goodwin A,* Avolio A,* Sur S, Smith M, Fulk G. Associations of tasks requiring single stimulus and working memory with different aspects of gait and posture: An exploratory study. *International Journal of Rehabilitative Research*. 2019; 42(2), 160-167.
13. Rogers E, Avolio A, Goodwin A, Vaccaro R, Fulk G, **Martin R**, Boolani A. Relationship between higher and lower level serial subtraction task performance and gait during a 6-minute walk test. *The FASEB Journal*. 2018; 32: 877-15.

14. Avolio A, Goodwin A, Fulk G, **Martin R**, Boolani A. Impact of mood after cognitive fatigue on gait in older adults. *The FASEB Journal*. 2018; 32(S1):877.14.
15. Wormley M, Romney W, Schweizer K, Fein B, LaFay V, **Martin R**, Greer A. Using a valid and reliable measure to assess clinical instructor self-perception of teaching behaviors. *Journal of Physical Therapy Education*. 2018; 32(4): 344-354.
16. Page S, Fulk G, **Martin R**. Clinically important differences of the Arm Motor Ability Test in stroke survivors. *Neurorehabilitation and Neural Repair*. 2017; 31(3): 272-279.
17. **Martin R**. Mere vehicles – a white paper. *Distance Learning*. 2016; 13(3).

Peer-Reviewed Scientific and Professional Presentations

Education Sessions

1. Hand R, **Martin R**, Rowland K. Skilled Maintenance Therapy in Chronic or Degenerative Neurologic Conditions: Myth or Missed Opportunity? Accepted for Combined Sections Meeting of the American Physical Therapy Association in February-March 2023. (Chosen for in-person and online learning.)
2. **Martin R**, Kegelmeyer D, Wells C, Botkin R. COVID-19 and PASC/Long COVID: dual health crises. Combined Sections Meeting of the American Physical Therapy Association in February-March 2022. (Chosen for in-person and online learning.)
3. Terhune H, Brown A, **Martin R**, DiGangi A. COVID-19: Pediatric Assessments Across the Continuum. APTA Pediatrics Annual Conference in November 2021.
4. **Martin R**, John R, Decrary S, Ngeh E, Brown D. Long Covid Panel Discussion. Presented virtually at the World Physio Congress in March 2021.
5. **Martin R**, Mayer K, Ridgeway K. COVID-19: Recovery Across the Continuum. Presented at the Combined Sections Meeting of the American Physical Therapy Association in February 2021. (Chosen for in-person and online learning.)
6. **Martin, RA**. Effective patient cuing and feedback. New York Physical Therapy Association Central District Meeting, Watertown, NY. September 2014.

Platform and Poster Presentations

1. Boolani A, Huang H, Johnson R, Yu L, Jansen E, **Martin R**, Yager C, Jacobson B, Martin J. Association between self-reported sleep quality and single-task gait in young adults: A study using machine learning. Platform presentation at the American College of Sports Medicine National Conference, 2022.
2. Dowd D, Stark M, Huang H, Yu L, **Martin R**, McCarthy R, Locke E, Yager C, Smith M, Jacobson B, Boolani A. Do healthy young adults with current feelings of anxiety have impaired balance? An exploratory study. Poster presentation at the American College of Sports Medicine National Conference, 2022.
3. Stark M, Huang H, Yu L, **Martin R**, McCarthy R, Locke E, Yager C, Smith M, Jacobson B, Boolani A. Identifying individuals who currently report feelings of anxiety through gait and balance using machine learning. Platform presentation at the American College of Sports Medicine National Conference, 2022.
4. Siddiq B, Boolani A, Huang H, Yu L, Stark M, Grin Z, Yager C, Teymouri S, Bradley D, **Martin R**, Martin J, Stamatis, A. Association between Self-Reported Prior Nights' Sleep and Single-Task Gait in Healthy Young Adults: An Exploratory Study Using Machine Learning. Poster presentation at the International Journal of Exercise Science Conference Proceedings, 2022.

5. **Martin R**, Fulk G, Dibble L, Boolani A, Canbek J. Effects of modeling on postural control and sway during sit to stand in Parkinson disease. "New" poster presentation at the Academy of Neurologic Physical Therapy Annual Conference, virtually, in September 2021.
6. Boolani, A, Yager, C, Smith, M, Monday, S, Sathiyakumar, T, Senarathna, D, Teymouri, S, Vogel-Rosbrook, C, Alvarez, J, Taladay, P, **Martin, R**. State Mental Energy Influences Posture During Vision-Occluded States. Poster presentation at the World Congress on Falls and Postural Stability, December, 2019, Kuala Lumpur, Malaysia.
7. Wormley M, Romney W, Fein B, Schweizer K, LaFay V, **Martin R**, Greer A. Using a valid and reliable measure to assess clinical instructor self-perception of teaching behaviors in physical therapy. Poster presentation at CSM APTA in Washington, D. C. January, 2019.
8. Rogers, E, Goodwin, A, Avolio, A, Fulk, G, **Martin, R**, Boolani, A. Relationship between higher and lower level serial subtraction task performance and gait during a 6-minute walk test. Poster presentation at American Physiological Society- Experimental Biology, April 2018.
9. Goodwin, A, Avolio, A, **Martin, R**, Boolani, A. The impact of cognitive fatigue on aerobic output in a 6-minute walk test among older adults. Poster presentation at American Physiological Society- Experimental Biology, April 2018.
10. Avolio, A, Goodwin, A, Fulk, G, **Martin, R**, Boolani, A. Impact of mood after cognitive fatigue on gait in older adults. Poster presentation at the American Physiological Society- Experimental Biology, April 2018.
11. **Martin RA**, Fulk C, Cavanaugh JT, Ellis TD, Ford MP, Foreman KB, Earhart GM, Dibble LE, Fulk GF. Predicting walking activity in Parkinson's disease. Poster presentation at CSM APTA. February, 2018. New Orleans, LA.
12. **Martin RA**, Fulk GF, Page S. Estimated clinically meaningful improvement in Arm Motor Ability Test scores for individuals with stroke. Poster presentation at CSM APTA. February, 2018. New Orleans, LA.
13. Boolani A, Fulk G, LaFay V, Reid J, Towler C, **Martin RA**. Differences in Physical Activity Levels Across Three Cohorts of Doctor of Physical Therapy Students. Poster presentation at CSM APTA. February, 2018. New Orleans, LA.
14. Boolani A, Fulk G, LaFay V, Reid J, Towler C, **Martin RA**. Mood differences between three cohorts of doctor of physical therapy students. Poster presentation at CSM APTA. February, 2018. New Orleans, LA.
15. Page S, **Martin RA**, Fulk GD. Clinically Important Difference of the Arm Motor Ability Test in Stroke Survivors. Poster presentation at American Congress of Rehabilitation Medicine, October 23-28, 2017. Atlanta, GA. Grobe S, Baghurst T, **Martin R**, Boolani A. Relationship between polyphenol consumption and physical activity and sleep. Poster presentation at Experimental Biology. April, 2017. Chicago, IL.
16. **Martin RA**, Fulk G, Duncan R, Cavanaugh J, Ellis T, Ford M, Foreman K, Earhart G, Dibble L. Estimated clinically meaningful decline in Freezing of Gait Questionnaire and self-selected gait speed for individuals with Parkinson's disease. Poster presentation at CSM APTA. February, 2017. San Antonio, TX.
17. **Martin RA**, Fulk GF, Duncan RP, Cavanaugh JT, Ellis TD, Ford MP, Foreman KB, Earhart GM, Dibble LE. Quality of life measures that detect clinically important decline in Parkinson's disease. Poster presentation at CSM APTA. February 15-17, 2017. San Antonio, TX.
18. Zeigler S, Fulk GD, Russek L, Minor S, Rigsbee J, LaFay V, **Martin R**, and Towler C. Development and utilization of a professional development

assessment process across a doctor of physical therapy curriculum. Poster presentation at CSM APTA. February 17-20, 2016. Los Angeles, CA.

International Invited Speaking Opportunities

1. **Martin R.** Outcome measures for people with or recovering from COVID-19
Innovaciones Medicas
Virtually presented for in person conference in Guatemala
October, 2021
2. **Martin R,** John R, Decrary S, Ngeh E, Brown D. Long Covid Panel Discussion.
Presented virtually at the World Physio Congress in March 2021.
Virtually presented.
March, 2021.
3. **Martin R.** Management of Parkinson's Disease
Lima, Peru
September, 2019
4. **Martin R.** Concussion
Universidad Peruana de Ciencias Aplicadas
Lima, Peru
September, 2018

Funded Grant Activity:

1. CO-Primary Investigator
NGMH and CDED: Early detection of Dementia using machine Learning
Clarkson University Ignite Grant
Co-Investigators: Boolani A, Dey S, Banerjee S, Banerjee N, **Martin R**
Five years of funding for graduate student
Funded 2020- Clarkson University
2. Primary Investigator- **R Martin**
Physical Therapy Faculty Research Award- Internal Grant
The Effects of Cueing on Sit to Stand Transfer in Parkinson's Disease
Funded 2019- Clarkson University

Local and Regional Reviewed Presentations:

1. Stark M, **Martin R,** Boolani A. The manifestation of anxiety in gait. Poster session at Clarkson University Spring Research & Project Showcase (RAPS). Potsdam, NY. April, 2019.
2. Avolio A, Boolani A, **Martin R,** Goodwin A, Fulk G. Tasks Requiring Single Stimulus and Working Memory Predict Different Aspects of Gait and Posture. Poster session presented at 8th Annual New York Six Undergraduate Research Conference, Canton, NY. September, 2018.
3. Fuller D, Boolani A, Moghaddam M, **Martin R,** Mondal S. Statistical Methods for Low-N Non-Normal Intergroup Strength Data. Poster presentation at the Clarkson University Summer Research and Project Showcase (RAPS), July 2018.
4. Rogers E, Goodwin A, Avolio A, Fulk G, **Martin R,** Boolani A. Relationship between higher and lower level serial subtraction task performance and gait during a 6-minute walk test. Presented at the Clarkson University Spring Research & Project Showcase (RAPS), April 2018
5. Goodwin A, Avolio A, **Martin R,** Boolani A. The impact of cognitive fatigue on aerobic output in a 6-minute walk test among older adults. Presented at the Clarkson University Spring Research & Project Showcase (RAPS), April 2018.

6. Avolio A, Goodwin A, Fulk G, **Martin R**, Boolani A. Impact of mood after cognitive fatigue on gait in older adults. Presented at the Clarkson University Spring Research & Project Showcase (RAPS), April 2018.

Other Peer Reviewed Products

1. Brown D, Appel C, Baldi B, . . . **Martin R**, . . . Wood J. Safe Rehabilitation Approaches for People Living with Long COVID: Physical Activity and Exercise: World Physio Briefing Statement 9. Published by World Physio, June 2021.
2. Decrary S, DeChane T, DeMars J, **Martin R**, Thomson, C. WorldPhysio PT Day Toolkit. Published by World Physio, September 2021. (Authors appeared in alphabetical order. Martin R was a primary writer for one quarter of this paper.)
3. **Martin R**, DiGangi A, Parish A, Terhune H, Wells C. COVID-19 Pediatric Core Outcome Measures: APTA Academies and Sections Consensus Statement. American Physical Therapy Association. January 2021. Available at: <https://www.apta.org/your-practice/outcomes-measurement/covid-19-core-outcome-measures>.
4. **Martin RA**, Botkin R, Campbell A, Faucheux C, Kegelmeyer D, Kendig T, Kumble S, Manal TJ, Mayer K, Michener L, Reilley A, Wells, C, Wenker S. COVID-19 Core Outcome Measures: APTA Academies and Sections Consensus Statement. American Physical Therapy Association. July 2020. Available at: <https://www.apta.org/your-practice/outcomes-measurement/covid-19-core-outcome-measures>.
5. **Martin RA**. Wheelchair Letter of Medical Necessity Triple Jump Assignment. In: Cormack J and Perry S eds; A Compendium for Teaching Professional Level Physical Therapy Neurologic Content, v. 2016. Academy of Neurologic Physical Therapy. August 2016. Available at: <http://www.neuropt.org/education/compendium>.
6. **Martin RA**. LaFay V, Fulk G. Balance Assessment Lab and Integrated Patient Experience. In: Cormack J and Perry S eds; A Compendium for Teaching Professional Level Physical Therapy Neurologic Content, v. 2016. Academy of Neurologic Physical Therapy. August 2016. Available at: <http://www.neuropt.org/education/compendium>

Awards

Degenerative Disease Special Interest Group Clinical Research Award 2021

Current/Active Research Activity

Under Review

1. Terhune H, Brown A, DiGangi A, Wells C, **Martin RA(senior author)**. Recommendations for COVID-19 Outcome Measures in Pediatric Populations. *Pediatric Physical Therapy*.
2. Stark M, Huang H, Yu C, **Martin R**, McCarthy R, Locke E, Yager C, Kadry A, Torad A, Elwan M, Bradley D, Smith M., Boolani A. Identifying individuals who report feelings of anxiety using walking gait and quiet balance: An exploratory study using machine learning Sensors (revising to re-submit)

Active

1. Primary Author and Co-investigator
Martin RA, Fulk G, Dibble L, Boolani A, Canbek J. The effects of cueing on sit to stand in Parkinson disease. (manuscript revision)

2. Primary Author and Co-investigator
Martin RA, Fulk G, Dibble L, Boolani A, Canbek J. The effects of cues to stand taller than typical in Parkinson disease. (manuscript revision)
3. Co-Investigator
Jacks D, **Martin R**, Moore J, Smalls M. Impact of not reporting a concussion on likelihood of persistent post-concussion syndrome at least 2 years after the event
4. Co-Investigator
Boolani A, Seward N, **Martin, R**. Influence of prior night's sleep on gait.
5. Co-Investigator
Boolani A, Seward N, **Martin, R**. Influence of sleep quality on gait.
6. Co-Investigator
Robertson B, Fowler G, Faris A, Sallahian A, Yager C, Taladay P, **Martin R**, Martin J, Boolani A. (revising to resubmit) Evidence of mental and physical energy and fatigue traits in quiet balance. Journal of Non-verbal behavior
7. Co-Investigator
Barrios N, Martin J, Obiefule K, **Martin R**, Yager C, Boolani A. (in preparation) Influence of physical activity and sedentary behavior on gait in young adults

Membership in Scientific/Professional Organizations

American Physical Therapy Association member 2006-present

- Cross-Academy/Section COVID-19 Core Outcome Measures Task Force Chair 2020-present
- Scholarship Awards Subcommittee member 2014-2016

APTA Component Membership

- Academy of Neurologic Physical Therapy
 - Member 2012-present
 - CSM Program Committee
 - Co-chair July 2023 - present
 - Committee member - 2017-2020 and 2022-2023
 - Degenerative Disease Special Interest Group
 - Chair 2019-2023
 - Podcast Host 2021-2022
 - Nominating committee Member 2017-2019
 - APTA COVID-19 Response Panel ANPT Representative 2020-2022
- Academy of Physical Therapy Education member 2014-present
- APTA Section on Health Policy and Administration member 2018-present
- APTA Pediatrics 2021-present
- New York Physical Therapy Association member 2012-present
- Arizona Physical Therapy Association member 2008-2012
- Pennsylvania Physical Therapy Association member 2006-2008

World Confederation of Physical Therapy member 2006-present

- International Neurologic Physical Therapy Association 2019-present

Movement Disorder Society member 2019

Consultative and Advisory Positions Held

Parkinson Foundation expert consultant for the guide:

Staying Active and Engaged

Spring of 2022

New York Times expert consultant for the article:
Fairbank R. [For Some Parkinson's Patients, Boxing Can Be Therapy](#). *New York Times*.
March 23, 2022.

Clarkson University Athletic Training Volunteer Consultant/Collaborator
2018-present

Clinical Track Promotion Reviewer
Department of Physical Therapy at Stony Brook University
Spring, 2020

Invited manuscript reviewer
Journal of Acute Care
Fall, 2020

Invited manuscript reviewer
Perceptual and Motor Skills
Spring, 2020

Continuing Education Lab Instructor
University of Vermont's Herschorn Symposium
September 30 – October 2016

Parkinson's Disease Case Facilitator
IV STEP Conference
Academy of Neurologic Physical Therapy and APTA Pediatrics
July 15-18, 2016

Community Service

Parkinson's Disease Related Community Service

- Seaway Parkinson's Coalition Founding Board Member (non-profit) - Vice President, 2016-present
- Reduced cost exercise class that is specifically geared toward for individuals with Parkinson's disease but inclusive in nature, held twice a week, 2018-present (held virtually during physical distancing for Covid-19)
- Parkinson's Disease and Functional Movement Disorders Support Group Coordinator, 2014- present
- Parkinson's Disease and Functional Movement Disorders Support Group Community Education Sessions:
 - Adaptive Equipment to Reduce Effects of Dyskinesias and Tremor, January 2024 (planned)
 - Research – A Year in Review, December 2023
 - Staying Strong and Maintaining Muscle as We Age, October 2023
 - Keeping Our Bones Strong as We Age, September 2023
 - Local Resource Update, July 2023
 - Staying Safe in the Sun with Parkinson Disease, June 2023
 - To Stretch or Not to Stretch, May 2023
 - Posture and Parkinson Disease, April 2023
 - Speech Language Therapy, March 2023
 - Staying Mentally Sharp as We Age, February 2023

- Exercises to Reduce Risk of Lung Infections, January 2023New Exercise Ideas, December 2022
- Dysautonomia, November 2022
- COVID-19 and Parkinson Disease, October 2022
- Life with Fatigue, September 2022
- More on Deep Brain Stimulation, July 2022
- Preventing Falls, June 2022
- Update on Local Resources, May 2022
- Research Update, April 2022
- Focused Ultrasound, March 2022
- Deep Brain Stimulation, February 2022
- Freezing, January 2022
- Aerobic Exercise and PD, December 2021
- Parkinsonism vs Parkinson disease, November 2021
- Tools to Help with Hand Problems, October 2021
- How to Deal with Tremor, September 2021
- Caregiver Wellbeing, August 2021
- Educating Our Community About PD, July 2021
- Anxiety, Depression, and PD, June 2021
- Principles of Stretching May 2021
- Exercises to Improve Your Cough, April 2021
- Traveling with PD, March 2021
- Setting Your Home Up for Success, February 2021
- Singing to Keep Your Voice, January 2021
- Preventing Winter Falls, December 2020
- Online Exercise Options, November 2020
- Managing Loss (moderator for hospice guest speaker) October 2020
- Masks and Handwashing in COVID, September 2020
- Avoiding the Store, August 2020
- Staying Connected in COVID Times, July 2020
- Staying Active at Home, June 2020
- COVID 19, May 2020
- Tai Chi and Parkinson Disease, February 2020
- Dance and Parkinson Disease, January 2020
- Botox Injections and PD, December 2019
- Medication Update, November 2019
- Planning for the Future, October 2019
- Home Modifications, September 2019
- Tracking your change in symptoms, August 2019
- Preparing for healthcare visits, July 2019
- Advocating for your health, June 2019
- When to go to the ER and when to call your MD, May 2019
- Dental Hygiene and PD, April 2019
- Benefits of SLP for PD, March 2019
- How Parkinson's effects males and females differently, February 2019
- Tips on Improving Posture in Parkinson's disease, January 2019
- Caring for the Caregiver, December 2019
- Overcoming freezing, November 2019
- Role of massage in Parkinson's management, October 2019
- Self-care for muscle cramping, July 2019
- How hard should I exercise? June 2019

- PD and Melanoma, April 2019
- Research update, March 2019
- Assistive Technology for Parkinson's Disease, February 2019
- Benefits of Music for PD, January 2019
- Sleep Hygiene, December 2018
- Tai Chi and PD, current research, November 2018
- Yoga and PD, current research, October 2018
- Reiki and PD, current research, July 2018
- Medication Update, June 2018
- The "other" Parkinsonisms, May 2018
- Cognition and PD, April 2018
- Prevention of falls in PD, March 2018
- Community resources, January 2018
- Research Update, December 2017
- Deep Brain Stimulators and Parkinson's Disease, November 2017
- Parkinson's Disease Care Network for New York, September 2017
- Research Update, July 2017
- How to Manage Fatigue, June 2017
- Parkinson's Medications, April 2017
- Research Update, January 2017
- The "Other" Parkinsonisms, December 2016
- Advanced directives, November 2016
- Cognitive changes and Parkinson's, October 2016
- Computers, technology, and Parkinson's, September 2016
- Research Update, June 2016
- Local Resources, April 2016
- Dance and Parkinson's disease, March 2016
- Research Update, January 2016
- Fall prevention for individuals with Parkinson's disease, October 2016
- Deep brain stimulators- introduction in relation to Parkinson's disease, September 2015
- Exercise and Parkinson's, August 2015
- Anxiety and Parkinson's disease, July 2015
- Tips for Managing Your Health, June 2015
- Sleep hygiene and Parkinson's disease, May 2015
- Depression and Parkinson's disease, April 2015
- Community Resources for Individuals with Parkinson's Disease, March 2015
- Invited Parkinson's disease related radio programming series
 - Preventing falls, January 2019
 - Helping people with Parkinson's disease through a hospital stay, November 2018
 - Preventing falls for the older adult, September 2018
 - Benefits of exercise, July 2018
 - Sleep hygiene, May 2018
- Design and implementation of a bi-annual Parkinson's clinic in Lima, Peru, first clinic held in September 2019, second iteration planned for March 2020 postponed due to Covid-19
- Co-organizer of a joint support group (People with Parkinson and People with Fibromyalgia) presentation on Medical Marijuana Legalization in the State of New York, May 3, 2016

- Faculty advisor for students assisting with the Parkinson's support group for PT617, 2016-2018
- SOAR Invited Speaker- Understanding Parkinson's Disease September 2017
- Faculty advisor for student run Parkinson's disease exercise group, 2017
- Science Café Invited Speaker- Unmasking Parkinson's Disease April 2017
- Lead organizer of the First Annual Seaway Parkinson's Coalition/ Fox Trot 5k to raise money for Parkinson's Research through the Michael J Fox Foundation, October 2016
- Faculty advisor for the Second Annual Seaway Parkinson's Coalition to raise money for the Seaway Parkinson's Coalition, October 2017
- Co-organizer of the Third Annual Seaway Parkinson's Coalition 5k to raise money to support local individuals with Parkinson's disease
- Organizer of a public Salsa Night for People with Parkinson's Disease, April 4, 2016

Other Health-Related Community Service

- Faculty coordinator of a responsible intercultural learning exchange with faculty and students from a Peruvian university during which pro bono services were provided to children in need. September 2019
- Faculty coordinator of a responsible intercultural learning exchange with faculty and students from a Peruvian university during which pro bono services were provided to children and women in need. September 2018
- Assisting the Fédération Nationale des Étudiants en Kinésithérapie (French Student Physical Therapy Association) to find American University Partners, 2019
- Co-organizer of a Physical Therapy Day of Service event through the American Physical Therapy Association, 2018
- Science Café Invited Speaker- Coming Back From Concussion April 2018
- Wise Women Wise Choices Guest Speaker, September 2017
- Faculty advisor for student project to promote local knowledge of an Adirondack based camp for children and families of children with special needs, 2016
- Co-organizer of a Physical Therapy Day of Service event through the American Physical Therapy Association, 2017
- Participant in a focus group on improving education of new physical therapists on wheelchair seating and management, 2015
- Ice Bucket Challenge to raise awareness of ALS and to raise money for related research, 2014
- High school athlete screening, St. Lawrence County, New York, 2012-2013
- Mexico nursing home volunteering- participated in planning, donation collection, and training of nursing home workers in San Luis, Sonora, Mexico, including education for safe exercises, ambulation, transferring patients, and diabetes management, 2011
- Therapeutic Horseback Riding Volunteer, Saddles of Joy, Yuma, Arizona, 2009-2010
- Adaptive Skiing Aide at Jack Frost Ski Resort, Blakeslee, Pennsylvania, 2006-2007
- Muscular Dystrophy Association Summer Camp Counselor, MDA Harrisburg, Pennsylvania branch, 2004-2007

Other Community Service

- Tri-Town Little League – parent volunteer 2021-2022
- USA Hockey Certified Coach – Head Coach of 6 and Under Team - Potsdam Minor Hockey, 2019-2020
- Tri-Town Minor Hockey Parent Representative, 2018-2019
- Saint Lawrence Central School District Little Larries Soccer Coach, 2017
- Tri-Town Summer Festival committee member, 2013-2014

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

Hanover College

Curriculum Committee Member 2021-2022
Faculty Wellness Committee Member 2022
Admission Open House Faculty Representative 2021-2022
Administration Committee Member 2021-2022
Student Success Summit February 2022
DPT Seminar Series – Recovering from Concussion 2022
Academic Progression Committee, Summer 2021

Clarkson University

Curriculum Coordinator (2019-2020)
Curriculum Committee Member, 2013-2020
Physical Therapy Graduate Advising, 2013-2020
NCAA Concussion Protocol Update Team 2018-2019
Student Activity Committee Member, 2018
Hiring Board for Occupational Therapy Faculty Member, 2018
Undergraduate Thesis Committee Member- 2020
Undergraduate Honors Thesis Reviewer- 2019
Faculty Coordinator of the Global Education Program, 2016-2018
Expert Advisor for EM456 Capstone Project, 2016
Doctor of Physical Therapy Admissions Committee, 2014-2017

- Chair of the Doctor of Physical Therapy Admissions Committee, 2015-2017

Faculty Advisor of the Endowed Kafka- Phillips Memorial Scholarship Committee, 2013- 2016 (ended with endowment)
Commission on Accreditation in Physical Therapy Onsite Visit preparation, 2015-2016

- Updating the Student Handbook
- Updating the Faculty Handbook
- Ensuring alignment with University Policy and Procedures
- Preparation of required documents
- Updating the Department webpage

Invited presenter at Clarkson University faculty workshop on technology in the classroom, 2016
Science, Technology, Engineering, and Mathematics (STEM) Local High School Outreach Program

- Physical Therapy Introduction: Shoulder, April 2016
- Physical Therapy Introduction: Spinal Cord Injury, July 2015
- Physical Therapy Introduction: Knee, April 2015

Hiring Board for Physical Therapy Professor, 2015- 2016
Faculty reviewer of honors program capstone project, 2014
Hiring Board for Physical Therapy Clinical Instructor, 2014
Undergraduate Advising, 2013-2014

Honors and College-Related Awards and Patents:

Patents

- Gilbert A, **Martin, R**, Recchia, R, and Wierzba, J. "Assistive Reading Device," Application 62/422136, filed November 15, 2016.

Continuing Education Attended:

Onsite Reviewer Training

Commission on Accreditation in Physical Therapy Education
January 2024

Combined Sections Meeting, February 2023

San Diego, CA

- Maximizing Motor Learning, Engagement, and Participation: Applications in Autonomy
- Sleep and Health in People with Neurological Disorders
- Bridging Care Gaps with Music-Based Digital Interventions: Evidence in Stroke, Multiple Sclerosis, and Parkinson Disease
- Solving the Balance Problem in Medically Complex Patients across the Lifespan
- Neuroimaging of Reactive Balance Control: Identifying Therapeutic Targets to Inform Fall Prevention
- Novel Rehabilitation Strategies for Persons with Vestibular Disorders and Mild Brain Injury
- Implementation Strategies for the Clinical Practice Guideline for People with Parkinson Disease

Applying the Quality Matters Rubric

Quality Matters

June 2022

Pharmacology in Rehabilitation

APTA Learning Center

April 2022

Ciccone

Elevating the Student Experience in a Hybrid Model

Evidence in Motion

January 2022

- Asynchronous Lectures, Activities and Assignments – Andrea Jones-Pierre and Brian Reynard
- Synchronous/Virtual Class Sessions – Jasmine Alcoser

Rehabilitation in Emergencies

APTA Centennial Lecture Series

March 2021

Skelton

Combined Sections Meeting 2021

Virtual

- Evolution of Physical Therapy in Primary Care, Part 1: Past, Present, and Future Projections
- Evolution of Physical Therapy in Primary Care, Part 2: Models of Care
- TechnoPalooza: Technology Innovation in PT to Improve Human Experience
- Having Difficulty Removing the Kid Gloves? Implementing High-Intensity Training in Neurologic and Geriatric Rehabilitation
- Teaching Clinical Reasoning Using Illness Scripts, Rehab Scripts, and ICF-Based Concept Mapping
- Using the Peer Review Process to Improve Research: A Guide for Reviewers and Authors
- Beyond the Manikin: Selecting the Appropriate Patient for Your Simulation
- Promoting High-Quality Evidence-Based Practice in Rare Neurodegenerative Diseases: Huntington's Disease as a Model
- HIT-ting the Mark: Exercise Prescription and High-Intensity Training for Persons with MS
- The Virtual Application of IPE: The Future of Learning With, From, and About Each Other

Telehealth Certificate Series

APTA Learning Center

September 2021

- Introduction: Evidence-Based Provision of Telehealth Services
- Provision of Telehealth Services: Clinical Application
- Provision of Telehealth Services: Technological Considerations
- Provision of Telehealth Services: Administrative/Marketing
- Provision of Telehealth Services: Regulatory Considerations
- Provision of Telehealth Services: Ethical Considerations

Combined Sections Meeting, February 2020

Denver, CO

- A Bit of a Stretch: The Lived Experience of Spasticity after SCI and Promising Interventions, Edelle Carmen Field-Fote, PT, PhD, FAPTA, Lynn Worobey, PT, DPT, PhD and Mary Schmidt-Read, PT, DPT, MS
- High Intensity Interval Training in Stroke Rehabilitation: State of the Evidence and Clinical Importance, Pierce E. Boyne, PT, DPT, PhD and Darcy Schwartz Reisman, PT, PhD
- Academy of Neurologic Physical Therapy Platform 1: SCI/General Neurologic Practice
- Removing Kid Gloves in Neurologic and Geriatric Rehabilitation, Thomas George Hornby, PT, PhD, Christopher Edward Henderson, PT, DPT, PhD, Margaret K. Danilovich, PT, DPT, PhD and Maghan Colleen Bretz, PT, MPT
- When Our Patients Are Using Cannabis: What Every Physical Therapist Should Know, Ellen Anderson, PT, PhD, Rhea Beth Jacobson, PT, DPT and Lori S Zucker, PT, DPT
- Is Research Making You Dizzy? How to Translate the Vestibular Clinical Practice Guidelines into Clinical Practice, Julie Kristin Tilson, PT, DPT, Sara Gaudet MacDowell, PT, Karen Skop, Linda Joan D'Silva, PT, PhD, Heidi Rebecca Roth,

PT, DHS, Elizabeth Dannenbaum, Clarisa Andrea Martinez, PT, DPT and Robbin Eileen Howard, PT, DPT

- Standardized Task Analysis for Movement System Diagnoses: Application to Individuals with Balance Problems, Patricia Lou Scheets, PT, DPT, MHS, Kathleen M Gill-Body, PT, DPT, MS, FAPTA, Lois Deming Hedman, PT, DScPT, MS, Lori Quinn, PT, EdD, Nora Ann Riley, PT, PhD and Myla U. Quiben
- What We've Learned about Learning: Updates in Motor Learning and Clinical Application, Darcy Schwartz Reisman, PT, PhD, Kendra Michelle Cherry-Allen, PT, DPT, PhD, Ryan Roemmich and Kristan Anne Leech, PT, DPT, PhD

Administering the MDS-Unified Parkinson's Disease Rating Scale
Movement Disorder Society
Completed August, 2019

World Confederation of Physical Therapy Congress, May, 2019
Geneva, Switzerland

- Physical Therapist Education Seminar
- Service Delivery and Emerging Roles
- Strengthening Rehabilitation Leadership
- Rehabilitation in Low-Resource Countries
- Migrant Health
- Rehabilitation in Humanitarian Emergencies
- Paediatrics
- Private Practice

Combined Sections Meeting, January, 2019
Washington, D.C.

Academy of Neurology

- How to Avoid a Fall: Protective Limb Responses in Aging and Stroke, Westlake K, Rogers MW, Gray VL, Hsiao H
- Pearls of Post-Concussion Syndrome, Lambert K, Hoppes C, Mucha A
- Telehealth in Vestibular Rehabilitation: Are You Ready Or Are You Spinning? Gallagher S, Lee A, Skop K, Oxborough S, D'Silv J
- Multiple Sclerosis Management for PTs: What to Expect and What to Do About It
- Academy of Neurology PT Platform Sessions, Karpatkin H, Cohen E
- Advances and Future Direction: International Vestibular Rehabilitation Conference, Helminski J, Hoppes C, Schubert M, Whitney S
- PPPD: Early Detection and Integrative Rehabilitation Therapy Improves Outcomes, Fay JL, Youssefnia A, Denham TV, Mihovich E
- AFO and FES for Foot Drop in Post-Stroke Hemiplegia: Clinical Practice Guidelines, Johnston TE, Brown LE, Denzer-Weiler C, Keller SA
- It's All In Your Head: Using Neuroanatomy to Maximize Outcomes for Stroke, Hessel S

Combined Sections Meeting February 2018
New Orleans, LA

Academy of Neurology

- Dual Task Training: if, who, when, and how?

- Multiple Sclerosis in Underserved Populations: Symptoms, Pharmacology, and Practice Updates
- Diagnosing and Treating Deficits in Propulsion to Improve Walking After Stroke
- Exercise, walking, and cognition in multiple sclerosis: a lifespan perspective
- No fear: treating the stroke patient in the neurological ICU with confidence
- Rest vs Activity: Debating the Current Evidence in Concussion Management
- Understanding and Managing Pain in Neurodegenerative Diseases
- Understanding the Causes of Vertical Diplopia- Red Flag or Muscle Weakness

Combined Sections Meeting February, 2017

San Antonio, TX

Academy of Neurology

- Anne Shumway-Cook lecture: "You Can Let Go of Me Now," Andrea Behrman, PT, PhD, FAPTA
- Optimizing Motor Learning in Rehabilitation: OPTIMAL Theory and Application, Rebecca Lewthwaite, PhD, Mike Studer, PT, MHS, NCS, CEES, CWT, CSST, and Gabriele Wulf, PhD
- A Core Set of Outcome Measures for Neurologic Physical Therapy: A CPG, Jennifer Moore, PT, DHS, NCS, Kirsten Potter, PT, DPT, MS, Jane Sullivan, PT, DHS, MS
- Harnessing Neuroplasticity with Brain Stimulation and Rehabilitation, Bernadette Gillick, PhD, MSPT, PT, Teresa Kimberely, PhD, PT, Colum MacKinnon, PhD, Cecilia Prudente, PT, PhD
- Education Section
- Disability Competence Education: Not Just "Wheelchair for a Day," Kiersten Garrand, B.S., Nancy Gell, PT, MPH, PhD, Liliana Jimenez, B.S. in Kinesiology, Dawn Magnusson, PT, PhD, Celia Pechak, PT, PhD, MPH, Nancy Sharby, DPT
- Health Policy and Administration
- Love Global Health? Then Care About Policy! Jill Black, PT, EdD, DPT, Ira Gorman, PT, PhD, MSPH, Dawn Magnusson, PT, PhD, Celia Pechak, PT, PhD, MPH
- Oncology Section
- Exercise and Cancer Rehabilitation: The Past, the Present, and the Future, Steve Morris, PT, PhD, FACSM, Roberto Sandoval, PT, PhD, Jason B, Winchester, PhD

The International Classification of Functioning, Disability, and Health Overview

American Physical Therapy Association Learning Center

January, 2017

Parkinson's Disease Foundation Faculty Scholar Program

Parkinson's Disease Foundation

Boston, MA

July, 2016

IV STEP 2016

Academy of Neurologic Physical Therapy and the Pediatric Section

- Movement System Diagnosis and Prediction- Ann VanSant, PT, PhD, FAPTA
- Prediction of Outcomes Using Movement System Diagnoses- Susan Harkema, PhD, Elizabeth Ardolino, PT, PhD, Andrea Behrman, PT, PhD, FAPTA

- Genetics and Epigenetics; Prediction and Plasticity- Steven Cramer, MD, Jill Stewart, PT, PhD
- Regenerative Rehabilitation; Plasticity- Chet Moritz, PhD, Fabrisia Ambrosia, PT, PhD
- Telehealth Practice for Prevention, Plasticity, Participation- Alan Chong W Lee, PT, PhD, CWS, GCS, Jane Burrige, PhD
- Primary Health Promotion Practices for Prevention- Edgar van Mil, MD, PhD, Ellen McGough, PT, PhD
- Secondary Health Promotion Practices for Prevention- Lori Quinn, PT, EdD, Don W. Morgan, PhD
- Dosage and Timing for Plasticity and Participation- Catherine Lange, PT, PhD, Michele Basso, PT, EdD, Mary Gannotti, PT, PhD
- Technology Use for Plasticity and Participation- Judy Deutsch, PT, PhD, Sarah Westcott McCoy, PT, PhD, FAPTA, Arun Jayaraman, PT, PhD
- Interprofessional Practice for Participation- Lisa Chiarello, PT, PhD, PCS, FAPTA
- Research Design Options for Individual and Complex Interventions and Participation Outcomes- Michele Lobo, PT, PhD, Sarah H. Kagan, PhD, RN, FAAN, John Corrigan, PhD, ABPP, Deborah Backus, PT, PhD
- Knowledge Translation: Your Role as an Attendee- Jennifer Moore, PT, DHS, NCS, Keiko Shikako-Thomas, OT, PhD

Combined Sections Meeting February, 2016

Los Angeles, CA

Neurology Section

- The B-FIT Model for Huntington Disease Rehab, Megan Danzel, PT, DPT, PhD, NCS, Justin Phillips, MD, Elizabeth Ulanowski, PT, DPT, NCS
- The Unrelenting Misperceptions of Spasticity and Hypertonicity, Beth Fisher, PT, PhD
- Ryan Friendewey, DPT, Joseph Robinson, DPT
- Fitting the Wheelchair Like a Prosthetic, Patricia Garven, MPT, ATP, Amy Morgan, PT, ATP
- Aquatic Neurorehabilitation across the lifespan. Megan Danzel, PT, DPT, PhD, NCS
- Elizabeth Ennis, PT, EdD, PCS, ATP

LSVT BIG Recertification Online Course.

LSVT Global.

2015

Teaching Effectiveness Conference

Effective Teaching: Engaging a Variety of Learners.

Michele DiPietro.

Associated Colleges of the St. Lawrence Valley

October, 2015

Comprehensive Concussion Management: "Need to Know" Information for Physical Therapists,

Neurology Section continuing education course

April, 2015

Current Teaching Responsibilities in University of Montana's Transitional Doctor of Physical Therapy Program:

- PT 662 Management of Patients with Neurological Disorders

Current Teaching Responsibilities in Video Library and Test Bank Created for Entry-Level Doctor of Physical Therapy Programs:

- Neuroplasticity
- Motor Learning
- Integration of evidence into practice
- Management of individuals with degenerative disease
- Management of individuals with traumatic brain injury, including concussion
- Management of individuals with stroke
- Management of individuals with vestibular conditions

Recent Teaching Responsibilities in a Hybrid Entry-Level Doctor of Physical Therapy Program:

- DPT 640 Movement Science, Primary Faculty
- DPT 613 Clinical Neuroscience, Primary Faculty
- DPT 660 Neuromuscular Practice I, Primary Faculty
- DPT 661 Neuromuscular Practice II, Secondary Faculty
- DPT 680 Pharmacology, Secondary Faculty
- DPT 682 Primary Care Physical Therapy, Secondary Faculty
- DPT 641 Physical Therapy Fundamentals, Adjunct Faculty