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EDUCATION

1985-1989	University of Connecticut, Storrs, Connecticut School of Allied Health B.S. in Physical Therapy
1991-1993	Teachers College, Columbia University, NY, NY Department of Movement Sciences M.A. in Motor Learning
1993-1994	Teachers College, Columbia University, NY, NY Department of Movement Sciences Ed.M. in Motor Learning
1994-1996	Teachers College, Columbia University, NY, NY Department of Movement Sciences Ed.D. in Movement Sciences

ACADEMIC APPOINTMENTS

01/22-present	Professor of Movement Sciences and Kinesiology
09/20-present	Chair, Department of Biobehavioral Sciences
09/19-present	Director, Program in Motor Learning and Control
09/15-present	Associate Professor of Movement Sciences and Kinesiology, Department of Biobehavioral Sciences; <i>received tenure May 2018</i> Teachers College, Columbia University, New York, NY
01/16-present	Adjunct Associate Professor of Rehabilitation and Regenerative Medicine (Physical Therapy) Columbia University Irving Medical Center, New York, NY
09/19-present	Honorary Senior Research Fellow
09/16-08/19	Senior Research Fellow Cardiff University Center for Trials Research, Cardiff, UK
09/12-08/16	Senior Research Fellow School of Healthcare Sciences Cardiff University, Cardiff, UK
10/07-08/12	Honorary Research Fellow School of Healthcare Studies Cardiff University, Cardiff, UK
09/00-05/03	Associate Professor
01/06-08/00	Assistant Professor Physical Therapy Program New York Medical College, Valhalla, NY

PROFESSIONAL POSITIONS

09/97-05/03 Director of Physical Therapy Services, Early Intervention & Adult Developmental Disability Programs, Westchester Institute for Human Development, Valhalla, NY
06/95-08/95 Physical Therapist, Nantucket Cottage Hospital, Nantucket, MA
09/92-12/96 Private practitioner/physical therapist, pediatric and adult neurological practice, Advanced Therapy Associates, NY and CT
09/94-08/95 Master's Program Coordinator, Program in Motor Learning, Teachers College, Columbia University, NY, NY
09/93-05/95 Instructor, Motor Learning, Teachers College, Columbia University, NY, NY
09/92-08/94 Coordinator, Clinical Traineeship Program, Teachers College, Columbia University, NY, NY
06/93-05/94 Rehabilitation Services Coordinator, Samuel L. Bailey Huntington's Disease Family Service Center, Cooper Hospital, Camden, NJ
09/91-05/93 Physical Therapy Clinical Trainee, Teachers College, Columbia University, JFK Hartwyck Nursing Home & Rehabilitation Center, Huntington's Disease Unit, Plainfield, NJ and The Shield Institute, Flushing, NY
09/90-08/91 Staff Physical Therapist, Kessler Institute for Rehabilitation, Saddle Brook, NJ
10/89-09/90 Staff Physical Therapist, Neurological Rehabilitation Institute, New Haven, CT

PROFESSIONAL LICENSES

Physical therapist license in New York, USA
Physiotherapy HPC Registration, England

GRANTS AND FUNDING

2017-present

Teva Pharmaceuticals Fritz (PI) 06/01/22-05/31/23
Development and Validation of a Balance Outcome Measure for Huntington's disease (BALANCE-HD). Goal: To develop a disease-specific balance measure for individuals with Huntington's disease. \$100,000.
Role: co-PI

PF-CG-COE-967425 Parkinson's Foundation Quinn (PI) 07/01/22-06/30/23
Promoting physical activity engagement for people with early stage Parkinson's disease (Engage-PD)
Goal: Evaluate implementation of knowledge translation study of a clinic-based physical activity coaching program in individuals with early stage Parkinson's disease. \$15,000.
Role: PI

AOTF/MJFF21LONG.Occupational Therapy Foundation & Michael J. Fox Foundation for Parkinson's Research Long (PI) 07/01/21-06/30/23
Pre-Active PD: a randomized control trial pilot study to improve self-management of PA routines in adults with early-stage Parkinson's disease. Goal: To evaluate a Phase II randomized controlled trial of a physical activity coaching intervention delivered by occupational therapists. \$100,000
Role: Co-I

PF-CORE-856919 Parkinson's Foundation Quinn (PI) 07/01/21-06/30/22
Promoting physical activity engagement for people with early stage Parkinson's disease (Engage-PD)

Goal: Evaluate implementation of knowledge translation study of a clinic-based physical activity coaching program in individuals with early stage Parkinson's Disease. \$22,000.

Role: PI

Provost's Investment Fund, Teachers College Quinn & Troche (co-PIs) 07/01/21-06/30/22

Improving Accessibility to Multi-Disciplinary Clinical Care for Parkinson's Disease via a Telehealth Model

Goal: Our *long-term goal* of this line of research is to improve the morbidity and mortality of persons with PD by enhancing the accessibility and quality of multi-disciplinary care available to persons with PD. \$20,000

Role: co-PI

Academy of Pediatric Physical Therapy Mensah (PI) 01/01/21-06/30/22

Measuring Physical Activity in Non-Ambulatory Youth with CP, GMFCS IV-V During Daily Routines

Goal: Mentored Research grant for doctoral student Dr. Nia Mensah. Study will evaluate physical activity using wearable monitoring and video analysis in children with cerebral palsy who are non-ambulatory. \$10,000

Role: Co-I/Mentor

Jacques and Gloria Gossweiler Foundation Quinn, Busse (PIs) 09/01/17-12/31/21

Physical Activity and Exercise Intervention in Huntington's Disease (PACE-HD).

Goal: Evaluate a within-cohort randomized control trial of a 12-month exercise intervention in HD, comparing a supported and structured aerobic exercise training program to activity as usual. £178,410

Role: Co-PI

Parkinson's Disease Foundation Access to Care Grant Quinn (PI) 01/01/20-03/31/21

Promoting physical activity engagement for people with early stage Parkinson's disease (Engage-PD).

Goal: Additional travel support for Parkinson's Foundation funded Engage-PD program. \$5,000

Role: PI

Columbia University Irving Institute for Translational Science Shah (PI) 07/01/20-06/30/21

Development of a Culturally Appropriate Instrument to Address Racial Disparities in Engagement of Ethnic Minorities with Parkinson's Disease Specialists in the Washington Heights/Inwood and Harlem Neighborhoods in NYC.

Goal: To develop an instrument to understand barriers to specialist care using a community-based participatory research approach. \$40,000

Role: Co-PI

PF_CGP_2056, Parkinson's Foundation Quinn (PI) 07/01/20-06/30/21

Promoting physical activity engagement for people with early stage Parkinson's disease (Engage-PD)

Goal: Evaluate implementation of knowledge translation study of a clinic-based physical activity coaching program in individuals with early stage PD. \$18,000

Role: PI

PF-CGP_19168, Parkinson's Foundation Quinn (PI) 05/01/19-06/30/20

Promoting physical activity engagement for people with early stage Parkinson's disease (Engage-PD)

Goal: Evaluate implementation of knowledge translation study of implementing a clinic-based physical activity coaching program in individuals with early stage PD. \$25,000

Role: PI

Cardiff University Quinn, Busse (PIs) 01/01/17-03/01/19

Integrating wearable technologies to quantify meaningful activity in Huntington Disease (iWear)

Goal: Evaluate the reliability and validity of physical activity monitors and inertial sensors for mobility assessment in HD. \$40,000

Role: Co-PI

Teachers College, Columbia University	Quinn (PI)	09/01/17-09/01/19
<i>Feasibility and acceptability of implementing a physical activity coaching intervention in people with early stage PD. (PRE-ACTIVE PD)</i>		
Goal: Evaluate the feasibility and acceptability of the Engage-PD intervention in individuals with early stage PD, and using the data to make relevant adaptations to prepare for a Phase II evaluation. Peer-reviewed, competitive internal grant. \$20,000		
Role: PI		
Huntington's Study Group	Quinn (PI)	03/01/17-03/01/18
<i>Feasibility and acceptability of implementing a clinic-based physical activity coaching intervention in people with pre-manifest and early stage HD (PRE-ACTIVE HD)</i>		
Goal: Explore the feasibility and acceptability of the Engage-HD intervention in individuals with pre-manifest and early stage HD, and using the data will make relevant adaptations to prepare for a Phase II evaluation. \$10,000		
Role: PI		
National Institute of Social Care & Health Research	Busse (PI)	01/01/13-12/31/17
<i>Move to Exercise: Home based exercise for people with Huntington's Disease (Engage-HD)</i>		
Goal: Evaluate the feasibility and efficacy of a randomized controlled trial of home-based, behavioral change intervention to promote physical activity in people with HD. £687,362		
Role: Co-investigator		
Teachers College, Columbia University	Troche, Quinn (Co-PIs)	03/01/16-08/31/17
<i>Clinical Research Initiative in Rehabilitation for Neurodegenerative Diseases</i>		
Goal: To support development of neurodegenerative diseases research program evaluating gait, posture and swallowing impairments. Peer-reviewed, competitive internal grant. \$20,000		
Role: Co-PI		
Jacques and Gloria Gossweiler Foundation	Quinn (PI)	09/01/13-05/31/17
<i>Exercise Rehabilitation Trial in Huntington's Disease (ExeRT-HD)</i>		
Randomized controlled trial of combined aerobic and strengthening program for individuals with HD.		
Goal: To evaluate the feasibility and efficacy of a randomized controlled trial of a aerobic and strengthening exercise program in people with HD. £410,000		
Role: PI		
<u>2016 and earlier</u>		
Columbia University Irving Institute (CaMPR) award (Phase I)	Vanegas-Arroyave (PI)	2016-2017
<i>Deep Brain Stimulation Therapy for Autism with Self-Injurious Behavior.</i> \$15,000.		
Role: Co-I		
American Society for Neurorehabilitation	Duff (PI)	2016-2017
<i>Assessment of Interlimb Coordination in Adults with Hemiplegia.</i> \$5,000.		
Role: Co-I		
APTA Academy of Hand and Upper Extremity Physical Therapy Leslie Harris Lindsey Grant for Research in the Hand and Upper Quadrant award.	Duff (PI)	2016-2017
<i>Assessment of Interlimb Coordination in Children and Adults with Hemiplegia.</i> \$4,970.		
Role: Co-I		
Huntington's Disease Association (UK)	Quinn, Busse (Co-PIs)	2012-2013
<i>TRAIN-HD: Task-related activities in Huntington's Disease.</i> £92,000.		
Role:Co-PI		
Welsh Assembly Government, Research Funding Scheme (UK)	Busse (PI)	2009-2010

Can community supported exercise benefit subjective wellbeing, physical activity levels and abilities in people with Huntington's disease? A randomized feasibility study and process evaluation. £153,934.

Role: Co-I

European Huntington's Disease Association (UK) Quinn, Busse (PIs) 2009-2011
Reliability and minimal detectable change in physiotherapy-related outcome measures for people with Huntington's Disease. £36,000.

Role: Co-PI

Chief Medical Officers for Wales Research Budget (UK) Busse (PI) 2007-2008
Development and evaluation of a DVD resource for people with a neurodegenerative disease who may be at risk of falls. £9,938.

Role: Co-I

GRANTS IN REVIEW/SUBMITTING

1. Eunice Kennedy Shriver National Institute of Child Health and Human Development. National Institutes of Health. Promoting exercise engagement through consultative physical therapy in people with Parkinson's Disease (CONSULT-PD). Principal Investigator. Scored 32; Re-submission November 2023.
2. Department of Defense: Parkinson's Disease Program. A lifestyle intervention using coaching and mobile health technology to improve sleep hygiene and quality of life in Parkinson's disease. Co-Principal Investigator. Submitted September 2023.
3. Digital markers for clinical endpoints in Huntington's disease (MEND-HD). Foundation for National Institutes of Health, in preparation.

PUBLICATIONS (PEER-REVIEWED JOURNALS)

Complete List of Published Works in Google Scholar:

<https://scholar.google.com/citations?user=hkdE-dIAAAAJ&hl=en&oi=ao>

2752 Citations; H-index: 30; i10index 50 (accessed September 19, 2023)

1. Metelski N, Gu Y, **Quinn L**, Friel KM, Gordon AM. Safety and efficacy of non-invasive brain stimulation for the upper extremities in children with cerebral palsy: A systematic review. *Dev Med Child Neurol.* 2023 Aug 1. doi: 10.1111/dmcn.15720. Epub ahead of print. PMID: 37528530.
2. Barbuto S, Lee S, Stein J, Kuo SH, **Quinn L**, Spinner M, Derovanessian T, Stern Y. Physical Activity and Fitness Levels of Individuals with Ataxia: A Cross-Sectional Study. *Arch Phys Med Rehabil.* 2023 Jun 26;S0003-9993(23)00364-7. doi: 10.1016/j.apmr.2023.06.007. Epub ahead of print. PMID: 37380120.
3. Shih HS, **Quinn L**, Morgan-Jones P, Long K, Schreier AR, Friel CP. Wearable activity monitors to support physical activity interventions in neurodegenerative disease: a feasibility study. *Neurodegener Dis Manag.* 2023 Jun;13(3):177-189. doi: 10.2217/nmt-2022-0028. Epub 2023 Jun 15. PMID: 37317956.
4. Kipnis D, Kruusamäe H, King M, Schreier A, **Quinn L**, Shih H-J (2023): Dance interventions for individuals post-stroke - a scoping review. *Topics in Stroke Rehabilitation.* 30:8, 768-785.
5. Macpherson CE, Bartsch B, King M, Satchidanand A, Kuo SH and **Quinn L**. Telehealth delivery of a high-intensity motor priming intervention in cerebellar ataxia: a single case experimental design. *Phys Ther Rehabil.* 2023; 10:1.<http://dx.doi.org/10.7243/2055-2386-10-1>
6. Fritz NE, Kegelmeyer DA, Rao AK, **Quinn L**, Kloos AD. Clinical Decision Trees to Guide Physical Therapy Management of Persons with Huntington's Disease. *J Huntingtons Dis.* 2022;11(4):435-453. doi: 10.3233/JHD-220549. PMID: 36155527.

7. Shih S, Macpherson C, King M, Delaney E, Yu G, Long K, Reid J, Fineman J, Yu G, Rieger J, Satchidanand A, Shah H, Alcalay R, **Quinn L**. Physical Activity Coaching via Telehealth for People with Parkinson Disease - A Cohort Study. *J Neurol Phys Ther*. 2022 Oct 1;46(4):240-250. doi: 10.1097/NPT.0000000000000410. Epub 2022 Sep 1. PMID: 36170256.
8. Fritz NE, Kegelmeyer D, Rao A, **Quinn L**, Nance MA, Kloos A. Coordination of Care Among Physical Therapists and Neurologists in Huntington Disease. *Neurol Clin Pract* Aug 2022. 10.1212/CPJ.0000000000200073; DOI: 10.1212/CPJ.0000000000200073
9. **Quinn L**, Playle R, Drew CJG, Taiyari K, Williams-Thomas R, Muratori L, Hamana K, Griffin B, Kelson M, Schubert R, Friel C, Morgan-Jones P, Rosser A, Busse M. Physical activity and exercise outcomes in Huntington's disease (PACE-HD): results of a 12-month trial-within-cohort feasibility study of a physical activity intervention in people with Huntington's disease. *Parkinsonism and Related Disorders*. 2022 Aug;101:75-89. doi: 10.1016/j.parkreldis.2022.06.013. Epub 2022 Jun 29. PMID: 35809488.
10. Desai R, Blacutt M, Youdan G, Fritz N, Muratori L, Hausdorff J, Busse M, **Quinn L**. Postural control and gait measures derived from wearable inertial measurement unit devices in Huntington's disease: recommendations for clinical outcomes. *Clinical Biomechanics*. 2022 Jun;96:105658. doi: 10.1016/j.clinbiomech.2022.105658. Epub 2022 Apr 26. PMID: 35588586.
11. Duff S, Miller A, **Quinn L**, Youdan G, Bishop L, Ruthrauff H, Wade E. Quantifying intra and interlimb use during unimanual and bimanual tasks in persons with hemiparesis post-stroke. *Journal of NeuroEngineering and Rehabilitation*. 2022. 10.1186/s12984-022-01020-8
12. Atkins KJ, Friel CP, Andrews SC, Chong TT, Stout JC, **Quinn L**. A qualitative examination of apathy and physical activity in Huntington's and Parkinson's disease. *Neurodegener Dis Manag*. 2022 Apr 12. doi: 10.2217/nmt-2021-0047. Epub ahead of print. PMID: 35412856.
13. Muratori L, **Quinn L**, Li X, Youdan G, Busse M, Fritz N. Measures of Postural Control and Mobility During Dual-Tasking as Candidate Markers of Instability in Huntington's Disease. *Human Movement Science*. 2021 Dec;80:102881. doi: 10.1016/j.humov.2021.102881. Epub 2021 Sep 25. PMID: 34583142.
14. **Quinn L**, Riley N, Tyrell CM, Judd DL, Gill-Body KM, Hedman LD, Packel A, Brown DA, Nabar N, Scheets P. A Framework for Movement Analysis of Tasks: Recommendations From the Academy of Neurologic Physical Therapy's Movement System Task Force. *Phys Ther*. 2021 Sep 1;101(9):pzab154. doi: 10.1093/ptj/pzab154. PMID: 34160044.
15. Gill-Body KM, Hedman LD, Plummer L, Wolf L, Hanke T, **Quinn L**, Riley N, Kaufman R, Verma A, Quiben M, Scheets P. Movement System Diagnoses for Balance Dysfunction: Recommendations From the Academy of Neurologic Physical Therapy's Movement System Task Force. *Phys Ther*. 2021 Sep 1;101(9):pzab153. doi: 10.1093/ptj/pzab153. PMID: 34160028.
16. Keren K, Busse M, Fritz N, Muratori L, Gazit E, Hillel I, Scheinowitz M, Gurevich T, Inbar N, Omer N, Hausdorff, **Quinn L**. Quantification of daily-living gait quantity and quality using a wrist-worn accelerometer in Huntington's Disease. *Frontiers in Neurology*. 2021. 12: 719442. doi: 10.3389/fneur.2021.719442.
17. Geller D, Nilsen DM, **Quinn L**, Van Lew S, Bayona C, Gillen G. Home mirror therapy: a randomized controlled pilot study comparing unimanual and bimanual mirror therapy for improved arm and hand function post-stroke. *Disabil Rehabil*. 2021 Sep 19:1-9. doi: 10.1080/09638288.2021.1973121. Epub ahead of print. PMID: 34538193.

18. Casterano L, Nathason, R, Bassile C, **Quinn L**. Neurological Complications in COVID-19: A Single Case Study of Rehabilitation Treatment. *International Journal of Therapy and Rehabilitation*. 2021. <https://doi.org/10.12968/ijtr.2020.0140>.
19. Desai R, Fritz N, Muratori L, Hausdorff J, Busse ME, **Quinn L**. Evaluation of gait initiation parameters using inertial sensors in Huntington's Disease: insights into anticipatory postural adjustments and cognitive interference. *Gait and Posture*. 2021; 87:117-122.
20. **Quinn L**, Macpherson C, Long K, Shah H. Promoting Physical Activity via Telehealth in People With Parkinson Disease: The Path Forward After the COVID-19 Pandemic? *Physical Therapy*. 2020;100(10):1730-1736.
21. Harris EC, Earhart GM, Leventhal D, **Quinn L**, Mazzoni P. A walking dance to improve gait speed for people with Parkinson disease: a pilot study. *Neurodegenerative Disease Management*. Published Online: 3 Sep 2020. Doi: 10.2217/nmt-2020-0028.
22. Bishop L, Omofuma I, Stein J, Agrawal S, **Quinn L**. Treadmill-Based Locomotor Training With Robotic Pelvic Assist and Visual Feedback: A Feasibility Study. *Journal of Neurologic Physical Therapy*. 2020 Jul;44(3):205-213. doi: 10.1097/NPT.0000000000000317. PMID: 32516301.
23. McConlogue Ferro A, **Quinn L**. A structured goal-setting process to promote functional and measurable goals in school-based physical therapy: a knowledge translation study. *Pediatric Physical Therapy*. 2020; 32:211-217.
24. **Quinn L**, Kegelmeyer D, Kloos A, Rao AK, Busse M, Fritz NE. Clinical recommendations to guide physical therapy practice for Huntington disease. *Neurology*. 2020; 94(5):217-228.
25. Hamana K, **Quinn L**, Gambling T, Busse M. An exploration of physical activity. Experiences throughout the Huntington's disease journey: supporting development of theoretically underpinned complex interventions. *Disability and Rehabilitation*. 2019; 7:1-11.
26. Playle R, Dimitropoulou P, Kelson M, **Quinn L**, Busse M. Exercise Interventions in Huntington's disease: An Individual Patient Data Meta-Analysis. *Movement Disorders Clinical Practice*. 2019; 6(7): 567-575.
27. Drew CJ, **Quinn L**, Hamana K, Williams-Thomas R, Marsh L, Dimitropoulou P, Playle R, Griffin B, Kelson M, Schubert R, Muratori L, Reilmann R, Rosser A, Busse M. Physical Activity and Exercise outcomes in Huntington's Disease (PACE-HD): Protocol for a 12-month trial within cohort evaluation of a physical activity intervention in people with Huntington's Disease. *Physical Therapy*. 2019; 99(9):1201-1210.
28. Rodrigues FB, **Quinn L**, Wild EJ. Huntington's Disease Clinical Trials Corner January 2019. *Journal of Huntington's Disease*. 2019; 8; 115-125.
29. McIsaac TL, Fritz NE, **Quinn L**, Muratori LM. Cognitive-motor interference in neurodegenerative disease: a narrative review and implications for clinical management. *Frontiers in Psychology*. 2018 Oct 29;9:2061. doi: 10.3389/fpsyg.2018.02061
30. Miller A, Duff SV, **Quinn L**, Bishop L, Youdan G, Ruthrauff H, Wade E. Development of sensor-based measures of upper extremity interlimb coordination. *Conference Proceedings IEEE Engineering in Medicine and Biology Society*. 2018:3160-3164. doi: 10.1109/EMBC.2018.8512903.
31. Mestre T, Busse M, Davis A, **Quinn L**, Rodrigues F, Burgunder JM, Carlozzi N, Walker F, Ho A, Sampaio C, Goetz C, Cubo E, Martinez-Martin P, Stebbins G. Rating scales and performance measures for assessment of functional ability in Huntington disease. *Movement Disorders Clinical Practice*. 2018; 5(4): 361-72.

32. Steventon J, Collett J, Furby H, Ralph J, Hamana K, Foster C, O'Callaghan P, Rosser A, Murphy K, **Quinn L**, Busse M, Dawes H. Alterations in the metabolic and cardiorespiratory response to exercise in Huntington's Disease. *Parkinsonism and Related Disorders*. 2018 Apr 14. pii: S1353-8020(18)30202-5.
33. Mestre TA, Carlozzi NE, Ho AK, Burgunder JM, Walker F, Davis AM, Busse M, **Quinn L**, Rodrigues FB, Sampaio C, Goetz CG, Cubo E, Martinez-Martin P, Stebbins GT, and Members of the MDS Committee on Rating Scales Development. Quality of Life in Huntington's Disease: Critique and Recommendations for Measures Assessing Patient Health-Related Quality of Life and Caregiver Quality of Life. *Movement Disorders*, 2018. 33(5):742-749
34. Hedman L, **Quinn L**, Gill-Body K, Brown D, Quiben M, Riley N & Scheets P. Movement System Diagnoses – The Path Forward: A White Paper. Recommendations from the Academy of Neurologic Physical Therapy Movement System Task Force. *Journal of Neurologic Physical Therapy*. 2018, 42(2):110-117.
35. Fritz N, Rao A, Kegelmeyer D, Kloos A, Busse M, Hartel L, Carrier J, **Quinn L**. Physical therapy and exercise interventions in Huntington's disease: a mixed methods systematic review. *Journal of Huntington's Disease*. 2017;6(3):217-235.
36. Bishop L, Khan M, Martelli D, **Quinn L**, Stein J, Agrawal S. The exploration of two training paradigms using forced induced weight shifting with the tethered pelvic assist device to reduce asymmetry in individuals post stroke: case reports. *American Journal of Physical Medicine and Rehabilitation*. 2017; 96(10 Suppl 1):S135-S140.
37. **Quinn L**, Busse M, Fritz N, Kegelmeyer, D, Kloos A, Rao A. Physical therapy and exercise interventions in Huntington's disease: a mixed methods systematic review protocol. *Joanna Briggs Institute Database of Systematic Reviews and Implementation Reports*. 2017; 15(7):1783-1799.
38. Busse M, **Quinn L**, Drew C, Kelson M, Trubey R, McEwan K, Jones C, Townson J, Dawes H, Tudor-Edwards R, Rosser A, Hood K. Physical activity self-management and coaching compared to social interaction in Huntington's disease: results from the ENGAGE-HD randomized, controlled, pilot feasibility trial. *Physical Therapy*. 2017; 97(6): 625-39.
39. Fritz N, Busse M, Jones K, Khalil H, **Quinn L**. A classification system to guide physical therapy management in Huntington's disease: a case series. *Journal of Neurologic Physical Therapy*. 2017; 14:156-63.
40. **Quinn L**, Morgan D. From disease to health: physical therapy health promotion practices for secondary prevention in adult and pediatric neurologic populations. *Journal of Neurologic Physical Therapy*. 2017 41 Suppl 3 Supplement, IV STEP Special Issue:S46-S54.
41. Khalil H, Busse M, **Quinn L**, Nazzal M, Batyha W, Khazaaleh S, Alomari MA. A pilot study of a minimally supervised home exercise and walking program for people with Parkinson's disease in Jordan. *Neurodegenerative Disease Management*. 2017;7(1):73-84.
42. Drew C, Poile V, Trubey R, Watson G, Kelson M, Townson J, Rosser A, Hood K, **Quinn L**, Busse M. Integrating technology into complex intervention trial processes: a case study. *Trials*. 2016; 17(1):551.
43. **Quinn L**, Hamana K, Kelson M, Dawes H, Collett J, Townson J, Roos R, van der Plas AA, Reilmann R, Frich JC, Rickards H, Rosser A, Busse M. A randomized, controlled trial of a multi-modal exercise intervention in Huntington's disease. *Parkinsonism and Related Disorders*. 2016; 31:46-52.
44. Fritz N, Hamana K, Kelson M, Rosser A, Busse M, **Quinn L**. Motor-cognitive dual-task deficits in individuals with early-mid stage Huntington disease. *Gait and Posture*. 2016;49:283-289.

45. Jones C, Busse M, **Quinn L**, Dawes H, Drew C, Kelson M, Hood K, Rosser A, Edwards RT. The societal cost of Huntington's disease: are we underestimating the burden? *European Journal of Neurology*. 2016;23(10):1588-90.
46. **Quinn L**, Trubey R, Godblat, Dawes H, Edwards RT, Jones C, Townson J, Drew C, Kelson M, Poile V, Rosser A, Hood K, Busse M. Development and delivery of a physical activity intervention for people with Huntington disease: facilitating translation to clinical practice. *Journal of Neurologic Physical Therapy*. 2016;40(2):71-80.
47. Dawes H, Collett J, Debono K, **Quinn L**, Jones K, Kelson MJ, Simpson SA, Playle R, Backx K, Wasley D, Nemeth AH, Rosser A, Izardi H, Busse M. Exercise testing and training in people with Huntington's disease. *Clinical Rehabilitation*. 2015;29(2):196-206.
48. Busse ME, **Quinn L**, Dawes H, Jones C, Kelson M, Poile V, Trubey R, Townson J, Edwards RT, Rosser A, Hood K. Supporting physical activity engagement in people with Huntington's disease (Engage-HD): study protocol for a randomized controlled feasibility trial. *Trials*. 2014;15:487.
49. **Quinn L**, Debono K, Dawes H, Rosser AE, Nemeth AH, Rickards H, Tabrizi SJ, Quarrell O, Trender-Gerhard I, Kelson MJ, Townson J, Busse M. Task-specific training in Huntington's disease: a randomized controlled feasibility trial. *Physical Therapy*. 2014;94(11):1555-68.
50. Collett J, Esser P, Khalil H, Busse M, **Quinn L**, Debono K, Rosser A, Nemeth AH, Dawes H. Insights into gait disorders: walking variability using phase plot analysis in Huntington's Disease. *Gait and Posture*. 2014;40:694-700.
51. Busse M, **Quinn L**, Khalil H, McEwan K. Optimizing mobility measures in Huntington's disease. *Journal of Huntington's Disease*, 2014;3(2):175-88.
52. Busse M, **Quinn L**, DeBono K, Jones K, Collett J, Playle R, Keely M, Simpson S, Backx K, Wasley D, Dawes H, Rosser A. A Randomized Feasibility Study of a 12-week Community-based Exercise Program in people with Huntington's disease. *Journal of Neurologic Physical Therapy*. 2013; 37(4):149-58.
53. **Quinn L**, Rosser A, Busse M. Critical Features in the Development of Exercise-based interventions for people with Huntington's disease. *European Neurological Review*. 2013; 8(1):10-3.
54. **Quinn L**, Busse M, Dal Bello-Haas V. Management of upper extremity dysfunction in people with Parkinson disease and Huntington disease: facilitating outcomes across the disease lifespan. *Journal of Hand Therapy*. 2013;26(2):148-54.
55. Muratori LM, Lamberg EM, **Quinn L**, Duff SV. Applying principles of motor learning and control to upper extremity rehabilitation. *Journal of Hand Therapy*. 2013;26(2):94-102.
56. **Quinn L**, Khalil H, Dawes H, Fritz NE, Kegelmeyer D, Kloos AD, Gillard JW, Busse M. Reliability and minimal detectable change of physical performance measures in individuals with pre-manifest and manifest Huntington's disease. *Physical Therapy*. 2013;93(7):942-56.
57. Khalil H, **Quinn L**, van Deursen R, Dawes H, Playle R, Rosser A, Busse M. What effect does a structure home-based exercise programme have on people with Huntington's disease? A randomized, controlled pilot study. *Clinical Rehabilitation*. 2013;27(7):646-58.
58. Busse M, Khalil H, Brooks S, **Quinn L**, Rosser A. Practice, Progress and Future directions for Physical Therapies in Huntington's Disease. *Journal of Huntington's Disease* (Invited Review). 2012;1(2):175-85.

59. **Quinn L**, Busse M on behalf of the members of the European Huntington's Disease Network Physiotherapy Working Group. Development of physiotherapy guidance and treatment-based classifications for people with Huntington's Disease. *Neurodegenerative Disease Management*. 2012;2(1):21-31.
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PUBLICATIONS (BOOKS, CHAPTERS, AND OTHER PEER-REVIEWED)

1. Busse M, **Quinn L**, Inbar N, Marsden J. Inherited Neurological Conditions. In: Lennon S, G. Ramdharry, G. Verheyden. *Physical Management for Neurological Conditions*. 4th Ed. London: Elsevier Publishers. 2018.
2. **Quinn L** & Busse M. The role of rehabilitation therapy in Huntington's disease. In: Feigin A & Anderson K, *Handbook of Clinical Neurology: Huntington's Disease*. Elsevier Publishers. 2017; 144:151-165.
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PUBLICATIONS (NON-PEER-REVIEWED BOOKS, ARTICLES, LETTERS, MONOGRAPHS)

1. PD Movers: We Keep Moving. Co-author of storybook is a compilation of narratives of African American and Black individuals and caregivers who are living and thriving with Parkinson's disease. <https://www.neurology.columbia.edu/patient-care/specialties/movement-disorders/pd-movers-we-keep-moving-storybook>
2. Fritz N, Busse M, Muratori L, Rao A, Kloos A, Kegelmeyer D, **Quinn L**. Response to: An MDS Evidence-Based Review on Treatments for Huntington's Disease. *Movement Disorders*, 2022. <https://doi-org.ezproxy.cul.columbia.edu/10.1002/mds.29059>
3. Macpherson C, Shih HJS, Pacheco A, Magill R, **Quinn L**. On “Updates in Motor Learning: Implications for Physical Therapist Practice and Education.” Leech KA, Roemmich RT, Gordon J, Reisman DS, Cherry-Allen KM. *Phys Ther*. 2022; 1093:pzab250, *Physical Therapy*, 2022;, pzac083, <https://doi-org.ezproxy.cul.columbia.edu/10.1093/ptj/pzac083>
4. Hedman L, 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*.

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5. McConlogue Ferro A, **Quinn L**, Gayner-Wood K, Barry A. Dancers Realize Excellence through Arts and Movement (DREAM): An Inclusive Dance Program to Promote Participation in Children with Developmental Disabilities. *The Kennedy Center VSA Intersections: Arts and Special Education Exemplary Programs and Approaches*. Vol. 4, 2018.
6. Gordon AM, **Quinn L**, Kaminski T, Magill, R. In Memoriam: Antoinette M. Gentile (1936 – 2016). *Journal of Motor Behavior*. 2016; 48(6): 479-481.
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SCIENTIFIC PAPER AND POSTER PRESENTATIONS

1. Shah H, Coley B, Coley D, Coplin C, Delaney E, Dillard V, Haye L, Huckabee A, Huckabee R, Kipnis D, Lin M, Macpherson C, Mensah N, Pacheco A, Parker A, Peacher-Ransom, Pearson R, Ransom R, Smith K, **Quinn L**. Using Story to Raise Awareness, Reach and Connect African American and Black individuals affected by Parkinson’s disease. World Parkinson’s Congress, July 2023.
2. Sevitz, JS, **Quinn, L**, Dakin, AE, Lowell, ER, Elkarif, SP, MacPherson, CE, Troche, MS. Patient-reported experience of an interdisciplinary telehealth model to rehabilitate airway protection in neurodegenerative disease. Poster Presentation at Dysphagia Research Society. March, 2023. San Francisco, CA.
3. Macpherson C, Bartsch B, King M, Kuo, S-H, **Quinn L**. Engage-Ataxia: Preliminary results after 1 year from a physical activity coaching intervention in individuals newly diagnosed with ataxia. International Congress of Ataxia Research. Annual meeting 2022, Dallas, TX.
4. Macpherson C, Bartsch B, King M, Kuo, S-H, **Quinn L**. Telehealth High Intensity Interval Training prior to Balance in Cerebellar Ataxia: A Case Series. International Congress of Ataxia Research. Annual meeting 2022, Dallas, TX.
5. Muratori L, **Quinn L**, Fritz N, Cruickshank T. EHDN physiotherapy working group: understanding the perspectives of the HD community regarding the presentation and dissemination of the physiotherapy practice guidelines. *Journal of Neurology, Neurosurgery & Psychiatry* 93 (Suppl 1), A72-A72.
6. Drew C, Hamana K, Williams-thomas R, Playle R, Busse M, **Quinn L**. Exploring the acceptability and key components for success of a 12 month physical activity intervention in early to mid-stage Huntington’s disease. *Journal of Neurology, Neurosurgery & Psychiatry* 93 (Suppl 1), A100-A100.
7. Agarwal V, Kloos A, Ekwall C, Filip M, Delgado V, Sia T, Fritz N, **Quinn L** on behalf of the Members of the European Huntington’s Disease Network Physiotherapy Working Group, HD specialist Clinic Workstream.

Translating Physiotherapy Guidelines for Huntington's Disease in clinical specialist and outpatient settings. *Journal of Neurology, Neurosurgery & Psychiatry* 93 (Suppl 1), A72-A72.

8. Fritz NE, Kegelmeyer DA, Rao AK, **Quinn L**, Nance M, Kloos A. Coordination of Care among Physical Therapists and Neurologists in Huntington's Disease. *Journal of Neurology, Neurosurgery & Psychiatry* 93 (Suppl 1), A71-A71.
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10. Schreier AR, King M, Leventhal D, Kelly MP, **Quinn L**, Shih HJS. Dance for PD- Towards a Unified Language for Dance Educators and Rehabilitation Professionals. *International Association for Dance Medicine and Science*. Limerick, IE, 2022.
11. Shih HJS, Morgan-Jones P, Long K, Schreier A, **Quinn L**, Friel C. Wearable activity monitors as part of physical activity intervention for people with neurodegenerative diseases: opportunities and considerations. *American Society of Neurorehabilitation*. St. Louis, MO, March 30-April 2, 2022.
12. **Quinn L**, Shih HJS, Playle R, Taiyari K, Williams-Thomas R, Muratori L, Friel C, Morgan-Jones P, Rosser A, Busse M. Consultative Coaching Model for Long-Term Exercise Engagement in People with Huntington's Disease. Platform presentation. Combined Sections Meeting, American Physical Therapy Association. San Antonio, TX, February 2-5, 2022.
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14. Fineman J, Macpherson CE, Shih H-J, **Quinn L**. Development of the Physical Therapy Brief Telehealth Battery for Parkinson's Disease. Combined Sections meeting, American Physical Therapy Association, February 2-5, 2022.
15. Kloos AD, Kegelmeyer DA, Rao A, **Quinn L**, Fritz NE. Knowledge translation of a clinical practice guideline for physical therapy management of persons with Huntington's disease. *J Huntington Dis*. 2021; S10: S1-S41.
16. **Quinn L**, Playle R, Drew C, Taiyari K, Williams-Thomas R, Muratori L, Friel C, Morgan-Jones P, Shih H-J, Hamana K, Griffin B, Kelson M, Schubert R, Rosser A, Busse, M. Exploring outcomes of long-term Physical ACTivity and Exercise in people with Huntington's Disease. Huntington Study Group Annual Meeting, November 4-6, 2021.
17. **Quinn L**, Shih H-J, Playle R, Drew C, Taiyari K, Williams-Thomas R, Muratori L, Friel C, Morgan-Jones P, Rosser A, Busse M, on behalf of the PACE-HD Trial Management Group and PACE HD site principal investigators. Consultative Coaching Model for Long-Term Exercise Engagement in People with Huntington's Disease. Combined Sections meeting, American Physical Therapy Association, February 4, 2022.
18. Shih HJS, Rieger J, Satchidanand A, Macpherson C, King M, Yu G, Fineman J, Shah HG, Alcalay RN, **Quinn L**. (2021) Engage-PD: Which Patients Benefit Most from a Telehealth Physical Activity Coaching Program for Parkinson's Disease? Academy of Neurologic Physical Therapy Virtual Conference. October 2021.
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20. Kipnis D, Shah H, **Quinn L**. Yoga for Functional Neurologic Disorder. American College of Sports Medicine New York Chapter Meeting, poster presentation April 10, 2021
21. Kegelmeyer D, Fritz N, **Quinn L**, Rao A, Busse M, Kloos A and members of the Huntington Study Group Rehabilitation Therapists Working Group. Clinical Practice Guidelines for Physical Therapy for Huntington Disease. *Neurotherapeutics* (2020) 17:S3, <https://doi.org/10.1007/s13311-020-00945-z>
22. Desai R, Blacutt M, Fritz N, Muratori L, **Quinn L**. Postural control measures derived from wearable IMU devices in Huntington's disease: recommendations for clinical outcomes. *Neurotherapeutics* (2020) 17:S28, <https://doi.org/10.1007/s13311-020-00945-z>
23. Atkins K, Friel C, Andrews S, Chong T, Stout J, **Quinn L**. A qualitative examination of apathy and physical activity in Huntington's disease. *Neurotherapeutics* (2020) 17:S30, <https://doi.org/10.1007/s13311-020-00945-z>
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25. **Quinn L**, Macpherson C, Long K, King M, Shah H. Rapid implementation of a physical activity coaching program via telehealth for people with Parkinson's disease. Movement Disorders Society, Annual Conference poster presentation, September 2020.
26. Miller A, **Quinn L**, Duff SV, Wade E, "Comparison of Machine Learning approaches for Classifying Upper Extremity Tasks in Individuals Post-Stroke," *2020 42nd Annual International Conference of the IEEE Engineering in Medicine & Biology Society (EMBC)*, Montreal, QC, Canada, 2020, pp. 4330-4336, doi: 10.1109/EMBC44109.2020.9176331.
27. Fineman J, McIsaac T, Kaminski T, Busse M, **Quinn L**. Dual Task Performance and prioritization in Parkinson's disease: comparison of a seated vs upright assessment. American Physical Therapy Association Combined Section Meeting, February 2020.
28. Desai R, **Quinn L**. Cognitive interference of gait initiation in Huntington's Disease. *Neurotherapeutics*. 2019. <https://doi.org/10.1007/s13311-019-00788-3>
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30. Drew C, Handley O, Townhill J, Williams-Thomas R, Busse M, **Quinn L**. Use of the Enroll-HD Observational Study as a Platform for Enriching Data Collection in a 12-month Nested Randomized Controlled Feasibility Study of a Physical Activity Intervention in People with Huntington's Disease (PACE-HD). *Neurotherapeutics*. 2019. <https://doi.org/10.1007/s13311-019-00788-3>
31. Williams-Thomas R, Drew C, Fernandez F, Taiyari K, Playle R, Gilling M, **Quinn L**, Busse M. Piloting Data Linkage with the Enroll-HD Dataset: Linking Between Enroll-HD and PACE-HD. *Neurotherapeutics*. 2019. <https://doi.org/10.1007/s13311-019-00788-3>
32. Rao A, Youdan G, Li X, Fiaz N, Muratori L, Inbar N, Gurevich T, Hausdorff J, Poile V, Marder K, Busse M, **Quinn L**. Falls and Life-space Mobility in Huntington Disease. *Neurotherapeutics*. 2019. <https://doi.org/10.1007/s13311-019-00788-3>
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Interlimb Coordination in Persons with Hemiparesis. Platform presentation, Combined Section Meeting, American Physical Therapy Association. Washington DC. January 24, 2019

34. Fineman J, McIssac T, Kaminski T, **Quinn L**. Dual task performance and prioritization in Parkinson's disease: a pilot study using a novel assessment with increasing complexity. Academy of Neurologic Physical Therapy 2019 Combined Section Meeting Poster Presentations. *Journal of Neurologic Physical Therapy*. 43(1): 69-81.
35. Miller A, Duff SV, **Quinn L**, Bishop L, Youdan G, Ruthrauff H, Wade E. Quantitative Assessment of Interlimb Coordination in Persons with Hemiparesis. *Progress in Clinical Motor Control I: Neurorehabilitation*. Pennsylvania State University. State College, PA. July 23-25, 2018.
36. Miller A, Duff SV, **Quinn L**, Bishop L, Youdan G, Ruthrauff H, Wade E. Development of Sensor-Based Measures of Upper Extremity Interlimb Coordination. 40th International IEEE Engineering in Medicine and Biology Conference, (EMBC), Honolulu, HI, July, 2018.
37. Duff SV, Miller A, **Quinn L**, Bishop L, Youdan G, Ruthrauff H, Wade E. A Novel Method for Quantifying Interlimb Coordination in Persons with Hemiparesis Post-Stroke. Poster presentation at the American Society of Neurorehabilitation (ASNR) Annual Conference, San Diego, CA. November 2018.
38. Hamana K, Gambling T, **Quinn L**, Busse M. Development of theoretically underpinned physical activity interventions for Huntington's disease. *J Neurol Neurosurg Psychiatry*. 2018; 89(S1): A101.
39. Youdan G, Fritz N, Muratori L, Busse M, **Quinn L**. Gait and balance dual task performance in Huntington's disease. *Neurotherapeutics*. 2018; 15(4):1168-1214.
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42. Busse M, **Quinn L**, Drew C et al. A randomised controlled feasibility trial of a physical activity behaviour change intervention compared to social interaction in Huntington's disease. *J Neurol Neurosurg Psychiatry*. 2016; 87:Suppl 1, A105.
43. Busse M, **Quinn L**, Trubey R. Facilitating Physical Activity Behaviour Change In Neurodegenerative Diseases: Lessons From A Huntington's Disease Intervention Trial. Poster presentation at Academies of Pediatric and Neurologic Physical Therapy IV STEP conference, Columbus, Ohio, July 2016.
44. McConologue A, **Quinn L**. Dancers Realize Excellence through Arts and Movement (DREAM): An inclusive dance program to promote participation in children with developmental disabilities Poster presentation at Academies of Pediatric and Neurologic Physical Therapy IV STEP conference, Columbus, Ohio, July 2016.
45. Inbar I, **Quinn L**, Hamana K, Busse M. Functional screening for Huntington's disease: a phased approach. *J Neurol Neurosurg Psychiatry*. 2016; 87:Suppl 1, A74.
46. **Quinn L**, Hamana K, Kelson M, Dawes H, Collett J, Townson J, Roos R... Busse M. Multimodal exercise improves fitness and motor function in people with Huntington Disease: results from a randomized, feasibility trial. *Neurotherapeutics*. 2015; 13(1):248-249.

47. **Quinn L**, Debono K, Dawes H et al. Task-specific Training In Huntington's Disease: A Randomised, Controlled Feasibility Trial *J Neurol Neurosurg Psychiatry* 2014;85:Suppl 1 A66-A67.
48. Jones K, Debono K, **Quinn L** et al. Physiotherapy Task Orientated Approach: A Case Report. *J Neurol Neurosurg Psychiatry* 2014; 85:Suppl 1, A68.
49. Busse M, **Quinn L** et al. A randomized feasibility study of a 12-week exercise programme in Huntington's disease (HD). *Journal of Neurology, Neurosurgery & Psychiatry*. 2012; 83(S1), pp. A58-A59, 2012.
50. Debono K, Wasley D, Riley J, Enright S, Collett J, Dawes H, **Quinn L**, Busse M. Perspectives of participating in a 12-week exercise programme for people with early-mid stage Huntington's disease. *Journal of Neurology, Neurosurgery & Psychiatry*. 2012; 83(S1), pp. A59, 2012.
51. Debono K, Wasley D, Riley J, Enright S, Collett J, Dawes H, **Quinn L**, Busse M. Perspectives of participating in a 12-week exercise programme for people with early-mid stage Huntington's disease. *Journal of Neurology, neurosurgery & Psychiatry*. 2012; 83(S1), pp. A59.
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53. Khalil H, **Quinn L**, van Dursen, Dawes H, Playle R, Rosser A, Busse M. A pilot study of an exercise intervention to improve motor function in people with Huntington's Disease (HD). *Journal of Neurology, Neurosurgery and Psychiatry*. 2012; 83(S1), pp. A59.
54. Khalil H, van Dursen R, **Quinn L**, Rosser A, Busse M. Clinical measurement of sit to stand performance in people with Huntington's disease: reliability and validity for 30 seconds chair sit to stand test. *Journal of Neurology, Neurosurgery and Psychiatry*. 2010; 88:1.
55. Busse M, **Quinn L**, Dawes H, Sackley C & Rosser A. Physiotherapy led exercise for people with Huntington's Disease. *Dementias & Neurodegenerative Diseases Research Network Meeting*, November 2008.
56. **Quinn L**, Busse M, Rosser A. Reliability, validity and minimal detectable change of physiotherapy outcomes measures for people with Huntington's Disease. *Dementias & Neurodegenerative Diseases Research Network Meeting*, November 2008.
57. Reilmann R, Kirsten F, Henningsen H, **Quinn L**, Marder K, Gordon AM. Quantitative neurophysiological analysis of chorea in Huntington's Disease. *Society for Neuroscience*. 2001; 66:1.
58. Reilmann R, Kirsten F, Henningsen H, **Quinn L**, Marder K, Gordon AM Variability of isometric grip forces in Huntington's Disease: a Correlation with cognitive deficits. *J Neural Transm*. 2001; 108:30.
59. Reilmann R, Kirsten F, Henningsen H, **Quinn L**, Marder K, Gordon AM. An objective, quantitative, neurophysiological method to assess involuntary choreatic movements in Huntington's Disease. *J Neural Transm*. 2001; 108:30.
60. Reilmann R, Kirsten F, Henningsen H, **Quinn L**, Marder K, Gordon AM. Objective assessment of progression in Huntington's disease - a three-year follow-up study. *J Neural Transm*. 2001; 108:30-31
61. **Quinn L**, Gordon J. Functional Outcomes Documentation. Poster presented at Combined Sections Meeting. New Orleans, LA:1999.

62. Farrell A, **Quinn L**, O'Sullivan C. What really matters to families: parent focus groups as a study of practice in early intervention. Society for Research in Child Development Biennial meeting. Albuquerque, NM:1999.
63. **Quinn L**, Gordon AM, Reilmann R, Marder K. Effect of object weight on reaching and grasping in Huntington's Disease. Movement disorders. 1998; 13,Supplement 2, 156.
64. Reilmann R, **Quinn L**, Marker K, Gordon AM. Coordination of manipulative forces in Huntington's Disease. Movement disorders. 1998; 13,Supplement 2, 156.
65. Moskowitz CB, **Quinn L**, Francis K, Schwartz R. Clinical characteristics of adults with Huntington's Disease at Summer Camp. Annals of Neurology (suppl). 1998.
66. Dorcy R, **Quinn L**, Stolove R, LaColla J. Perceived risk of falling in nursing home residents: validity of a new instrument. Empire State Physical Therapy, Poster presentation. 1998.
67. **Quinn L**, Dorcy R, Budney V, LaCola J, Brand L, Chau E, Stolove R. Perceived risk of falling in nursing home elderly. Issues in Aging, 1998; 21(1):28-29.
68. Hamel V, Kaminski T, **Quinn L**, Flanagan R. Effects of trunk support on multijoint arm movements in Huntington's Disease. Society for Neuroscience. 1995.
69. **Quinn L**, Hamel V, Flanagan, JR, Kaminski T. Control of multijoint arm movements in Huntington's Disease. Society for Neuroscience. 1994.
70. **Quinn L**. Analysis of multijoint arm movements in Huntington's Disease. Neurology Report. Combined Sections meeting poster presentation. 1994.

INVITED PRESENTATIONS – NATIONAL AND INTERNATIONAL

1. New York Physical Therapy Association Research Keynote. Physical Activity and Exercise as Modifiers of Neurodegenerative Disease. Saratoga Springs, NY, October 7, 2023.
2. A motor control framework for analysis of tasks across patient populations. Co-presentation with Dana Judd, Nora Riley and Christine Tyrell. Combined Sections Meeting, American Physical Therapy Association. San Antonio, TX, February 4, 2022
3. Enhancing Swallowing Outcomes Using Motor Learning Principles: A Guide for SLP. American Speech-Language-Hearing Association Annual Meeting. Washington DC, November 18, 2021
4. Knowledge Translation of a Clinical Practice Guideline for PT Management of Persons with Huntington's Disease. Co-presentation with Nora Fritz, Ashwini Rao, Deb Kegelmeyer and Anne Kloos. Academy of Neurologic Physical Therapy Annual Conference (Virtual) October 1-3, 2021
5. Moving Forward with the Movement System. Co-presentation with Kathy Gill-Body, Lois Hedman and Nora Riley. Academy of Neurologic Physical Therapy Annual Conference (Virtual) October 1-3, 2021
6. Physical therapy interventions to facilitate exercise uptake in early-stage Parkinson's disease: in-person and remote delivery. Co-presentation with Miriam Rafferty. Academy of Neurologic Physical Therapy Annual Conference. (Virtual), October 1-3, 2021
7. Bringing the Multidisciplinary Rehabilitation Team Together via Telehealth. Movement Disorders Society Congress 2021. Invited Speaker. (Virtual) September 20, 2021

8. Management Strategies in Parkinson's Disease: Implementation of Telehealth-Delivered Physical Therapy. MDS-AOS 4th Allied Health Course: Rehabilitation for Parkinson's Disease and Other Movement Disorders. Invited Speaker. (Virtual) July 25, 2021
9. Physical Therapy and Exercise for Neuroacanthocytosis Syndromes. 10th International Meeting on Neuroacanthocytosis Syndromes. Invited Speaker. (Virtual), March 11, 2021
10. Effective goal setting for optimal outcomes. Chicago Community School District 200. Invited speaker with Agnes McConlogue Ferro, half-day course. Chicago, IL (Virtual), February 26, 2021
11. Effective goal setting for optimal outcomes. Naperville203 School District. Invited speaker with Agnes McConlogue Ferro, 2-hour conference, (Virtual), February 22, 2021
12. Promoting High-Quality Evidence-Based Practice in Rare Neurodegenerative Diseases: Huntington's Disease as a Model. Combined Sections meeting of the American Physical Therapy Association (Virtual) February 23, 2021
13. Physical and occupational therapy in Huntington's disease: promoting evidence-based interventions and new models of care. Huntington Study Group, invited speaker for plenary session (Virtual), October 30, 2020
14. The Use of Physical Activity Monitors to Measure & Promote Exercise in Parkinson's & Huntington's Disease. 5th annual IMPACCT: mHealth in Clinical trials conference (held remotely due to COVID-19), August 5, 2020
15. The Promises & Perils of Telehealth. American Physical Therapy Association, Rothstein Roundtable Invited Speaker (held remotely due to COVID-19). June 11, 2020
16. "P" for Participation: Lessons Learned from Dancers Realize Excellence Through Arts and Movement (DREAM), an Inclusive and Collaborative Dance Program. Academy of Pediatric Physical Therapy, Anaheim, CA. November 16, 2019
17. Using Augmented Reality in Rehabilitation to Optimize Gait Training in People with Parkinson's Disease. American Congress of Rehabilitation Medicine, Chicago, IL. November 6, 2019
18. American College of Rehabilitation Medicine Early Career Development Course: Promoting Your Science to Secure Collaborators, Funding & Tenure/Promotion. Panelist. American Congress of Rehabilitation Medicine, Chicago, IL, November 5, 2019
19. A forum on movement system diagnoses for balance dysfunction. American Physical Therapy Association Combined Section Meeting. Washington DC, January 26, 2019
20. Physical Therapy Guidelines. Huntington Disease Study Group Annual Meeting, Houston, TX, November 8, 2018
21. Coaches and Partners: New Roles for Therapists in Physical Activity and Lifestyle Management. Invited Keynote Speaker, Ahart Leadership Series, Bellarmine University, Louisville, KY, April 4, 2017
22. Can exercise and physical therapy alter disease progression in Huntington's Disease? Community Talk, Norton Healthcare, Louisville, KY, April 3, 2017
23. Movement system Diagnosis in Neurologic Physical Therapy: Where are we? American Physical Therapy Association Combined Sections Meeting, Nashville, TN, February 17, 2017

24. Can Exercise and Physical Therapy Alter Disease Progression in Huntington's Disease? European Huntington's Disease Network Bi-annual Plenary Meeting, Plenary Speaker, September 16, 2016
25. From Disease to Health: Physical Therapy Health Promotion Practices for Prevention in Adult Neurologic Populations. IV STEP meeting, American Physical Therapy Association, Academies of Pediatric and Neurologic Physical Therapy, Plenary Speaker, July 17, 2016
26. Goals that Drive Intervention: what is relevant and realistic in the school setting? Therapy in the Schools conference, Education Resources. 2-part lecture and workshop with Agnes McConlogue, MA, PT. Framingham, MA, November 21, 2014
27. Task-Related Training in Huntington's Disease (TRAIN-HD). Dissemination Event, Cardiff, UK, March 7, 2014
28. Task-oriented training – implications for neurological rehabilitation. Wales Association of Chartered Physiotherapists Interested in Neurology. One-day course, Cardiff, Wales, February 5, 2012
29. Physiotherapy and occupational therapy in Huntington's Disease. Huntington's Disease Association Study Day, Liverpool, England, November 30, 2011
30. Physiotherapy in Huntington's Disease. Huntington's Disease Study Day, Huntington's Disease Association, London, England, November 29, 2005
31. A model for task-oriented intervention in neurologic rehabilitation: promoting transfer and functional carryover. Speaker with James E. Gordon, EdD, PT, American Physical Therapy Association, Combined Sections Meeting, San Antonio, TX, February 16, 2001
32. Physical Therapy for all. Invited speaker for one-day course on Huntington's Disease, Great Barrington, MA, July 31, 1999
33. Function-oriented model of rehabilitation: applications for physical therapists. Speaker for two-day conference, RehabExcel, Santa Barbara, CA, October 1997
34. Function-oriented model of rehabilitation: applications for physical therapists. Speaker for two-day conference, RehabExcel, Dallas, TX, September 1997
35. Function-oriented model of rehabilitation: applications for the rehabilitation team. Speaker for two-day conference, RehabExcel, Orlando, FL, July 1997
36. Current issues in neurologic physical therapy. Speaker for two-day conference, Detroit, MI, June 1997.
37. Seeing beyond chorea: analysis of motor control deficits in Huntington's Disease. Invited Speaker, Annual Conference in the Movement Sciences, Teachers College, Columbia University, New York, NY, April 1997
38. Function-oriented model of rehabilitation: applications for physical therapists. Speaker for two-day conference, RehabExcel, Orlando, FL, February 1997
39. Motor Learning and Motor Control: Applications for Clinical Practice in Adult Rehabilitation. Speaker for two-day conference, RehabExcel, Miami, FL, March 1996
40. An overview of motor control and motor learning: implications for clinical practice in pediatrics. Speaker for one-day conference, Cerebral Palsy of North Jersey, Fairfield, NJ, March 1996

41. Motor Learning and Motor Control: Applications for Clinical Practice in Adult Rehabilitation. Speaker for two-day conference, RehabExcel, Richmond, VA, October 1995
42. Motor Learning and Motor Control: Applications for Clinical Practice in Adult Rehabilitation Speaker for two-day conference, RehabExcel, Detroit, MI, September 1995
43. Outpatient physical and occupational therapy. Second Interdisciplinary Conference on Caring for People with Huntington's Disease, Atlanta, GA, October 1994
44. Motor Learning and Motor Control: Applications for Clinical Practice in Adult Rehabilitation. Speaker for two-day conference, Baylor Rehabilitation Center, Dallas, TX, June 1994
45. Seeing beyond chorea: the role of physical therapy in the treatment of Huntington's Disease. Platform presentation, Combined Sections Meeting, American Physical Therapy Association, February 1994.

WEBINARS AND PODCASTS

1. Best practice physiotherapy for people with Huntington's disease. Arcademy Rehab Center, Sydney, Australia, June 24, 2023.
2. Physiotherapy Clinical Guidelines for Huntington's Disease: Clinical and Research Implications. Webinar presentation for: How to Optimize Physiotherapy in Residential Care: Insights from the EHDN Physiotherapy Working Group. May 25, 2023.
3. Get Moving: Exercising for a Healthy Brain. Michael J Fox Foundation Webinar. May 18, 2023.
4. Dr. Gilbert Hosts: PD in the Black and African American Community. March 22, 2023.
<https://www.youtube.com/watch?v=8KsPlfD8ajw&list=PLWc6Kqj5B4-KcMCUzYjoQAmhbIAIChcvl&index=1>
5. DD SIG: CSM 2022 Platform Award: Consultative Coaching Model for Long-Term Exercise Engagement in People with Huntington's Disease – with Lori Quinn. 4D: Deep Dive into Degenerative Diseases. May 26, 2022. <https://www.neuropt.org/special-interest-groups/degenerative-diseases/podcasts>
6. How to Live Well and Thrive with Parkinson's Disease. Webinar presented by Columbia University Irving Medical Center and Neurorehabilitation Research Lab. <https://www.youtube.com/watch?v=-cIxKpPpc0I>. October 19-21, 2021.
7. HD Physical Therapy Panel: Teva Pharmaceuticals
<https://vimeo.com/617815309/9d0ac8b8cb>
<https://vimeo.com/617813379/c92764ca6a>
<https://vimeo.com/617809151/b983f1f708>
<https://vimeo.com/617812732/2fbda1dbae>
<https://vimeo.com/617807827/a62389ebff>
<https://vimeo.com/617816320/d2aa68b3ee>
<https://vimeo.com/617802796/33b2703d6d>
8. Physical Therapy in HD. Help4HD Podcast. December 22, 2021
<https://podcasts.apple.com/podcast/id475556127?ls=1&mt=2>
9. Whose Movement is it anyway? Fitness for Consumption. Think Fit Be Fit Podcast. November 25, 2021
<https://thinkfitbefit.libsyn.com/whose-movement-is-it-anyway-dr-lori-quinn-part-1>

10. Whose Movement is it anyway? Fitness for Consumption. Think Fit Be Fit Podcast. December 3, 2020
<https://thinkfitbefit.libsyn.com/whose-movement-is-it-anyway-part-2>
11. Huntington's Disease and Exercise. Huntington's Disease Society of America Webinar. April 23, 2020.
https://www.youtube.com/watch?v=OcCYpa8tc8&list=PLLOmMRDsNEY1qLyfXqSbkvFxz5NYHIJt_&index=3&t=0s
12. Rehabilitation for people with Huntington's Disease. 4D: Deep Dive into Degenerative Diseases. March 5, 2020.
<https://www.neuropt.org/special-interest-groups/degenerative-diseases/podcasts>
13. Physical Therapy's Role in Huntington's Disease. HD Insights Podcast. February 27, 2020
<https://huntingtonstudygroup.org/hd-insights-podcast/>
14. Task Analysis in Physical Therapy. Invited Webinar for Academy of Neurologic Physical Therapy. May 13, 2019.
<https://www.anptsynapsecenter.com/public/course-detail/?id=122>
15. Defensible Documentation: A framework for physical therapy documentation. Invited webinar for American Physical Therapy Association. February 6, 2018.
<http://learningcenter.apta.org/Student/MyCourse.aspx?id=8fd1b5bb-9103-4499-88cd-cc422208739c&ProgramID=dcca7f06-4cd9-4530-b9d3-4ef7d2717b5d>
16. Exercise for the body and brain: the benefits of physical activity in Huntington's disease. Invited webinar for Huntington's Disease Society of America, May 24, 2018.
<https://www.youtube.com/watch?v=PgVUoMMKKMY>
17. Physical Therapy Management of Individuals with Early to Mid-Stage Huntington's Disease. Invited webinar for Huntington's Disease Society of America, April 12, 2016.
<https://hdsa.org/healthcare-professionals-resources/pt-continuing-education/pt-module-3-physical-therapy-management-of-individuals-in-early-to-middle-stages-of-hd/>

INVITED PRESENTATIONS – LOCAL

1. Exercise and Brain Health. Seniors Get Fit at the Armory. May 2, 2023
2. Exercise and Brain Health. Washington Heights/Inwood YMCA. April 11, 2023
3. Neurorehabilitation in Parkinson's Disease. New York-Presbyterian's 2023 Annual Parkinson's Disease Symposium. April 4, 2023
4. Evidence-based strategies for promoting exercise uptake in Parkinson's disease. Mid-Hudson Parkinson's Disease Support Group, March 25, 2022 (virtual)
5. The Latest Science on Parkinsonism and Movement. 3rd Annual Older Adult Falls Prevention Symposium. New York Presbyterian/Weill Cornell Medicine & Carter-Burden Network. September 22, 2021 (virtual)
6. Physical therapy for Huntington's disease. Huntington Disease Society of America – Tennessee Chapter. June 8, 2021 (virtual)

7. Physical activity coaching for people with Parkinson's Disease. Shaker's Anonymous Support Group, Greenwich, CT. April 13, 2021 (virtual)
8. Dementia with Lewy-Body, Living with Lewy Body Dementia Seminar Series, Columbia University, February 11, 2021 (virtual)
9. Brain health: What is it and how do we maintain it? Washington Heights/Inwood YMCA Coffee Chat, January 14, 2021 (virtual)
10. Brain health: What is it and how do we maintain it? Brain Health Series, Columbia University, December 2, 2020 (virtual)
11. Engage-PD Conference. Columbia University Irving Medical Center, June 26, 2020 (virtual)
12. Brain Health and Movement. Central Harlem Senior Center, NY, NY, March 4, 2020
13. Movement and the Brain. YMCA of Inwood and Washington Heights, NY, NY, April 24, 2019
14. Getting ready to get ready for clinical trials. Huntington's Disease Society of America, Connecticut Chapter 7th Annual HD Education Conference, Norwich, CT, March 30, 2019
15. Exercise and Physical Therapy for Parkinson's Disease. Parkinson's Disease Support Group, Washington Heights, NY, November 27, 2018
16. Exercise and Physical Therapy in Huntington's Disease. HD Family Day, Columbia University, NY, NY. October 28, 2017
17. Dancing Your Way to Mobility: Integrating Dance and Rehabilitation in Parkinson's Disease. Teachers College, Columbia University Academic Festival, April 8, 2017.
18. Teaching the brain new tricks: altering disease progression in basal ganglia disorders. Ann Gentile Memorial conference, Teachers College, Columbia University, November 6, 2016
19. Exercise and Physical Therapy in Huntington's Disease. Invited presentation, Archcare at Ferncliff Nursing Home, March 15, 2016
20. Occupational and physical therapy in Huntington's disease. Family Education day, Terence Cardinal Cooke Health Care Center, NY, NY, October 4, 2015
21. The Role of Physical Activity and Exercise in Huntington's Disease. Sussex Health Care Huntington's Disease Conference, Horsham, England, October 9, 2013
22. Physiotherapy and Exercise in Huntington's Disease. South Coast DenNDRoN Study Day. Basingstoke, England, November 9, 2012
23. Physiotherapy in Huntington's Disease. Young Person's Conference, Huntington Disease Association, Telford, England, February 27, 2010
24. Balance and gait in Progressive Supranuclear Palsy. PSP Study day, Cardiff, UK, September 16, 2009
25. Physiotherapy in Huntington's Disease. Huntington's Disease Support Group, London, UK, November 21, 2008

26. Rehabilitation strategies for Huntington's Disease. Speaker for evening course, New York Presbyterian/New York State Psychiatric Institute New York, NY, November 12, 1999
27. Motor control issues in spasticity management. Speaker for ½ day course on Spasticity Management, Isabella Geriatric Center, New York, NY, October 26, 1999
28. Documenting Functional Outcomes. Speaker for Inservice Training, St. Joseph's Hospital, Yonkers, NY, June 17, 1998
29. Documenting Functional Outcomes. Speaker for Continuing Education Program for Health Star Network, Phelps Hospital & White Plains Hospital, May 28 & 30, 1998.
30. Facilitating skill acquisition. Speaker for Continuing Education Program, New York Medical College, Valhalla, NY, November 1997
31. Documenting Functional Outcomes. Speaker for Continuing Education Program, New York Medical College, Valhalla, NY, May 1997
32. Functional Outcomes Documentation. Speaker for half-day conference, Connecticut Association for Home Care Therapists' Special Interest Group, Wallingford, CT, December 1996
33. Conceptual models for therapeutic practice. Invited respondent, Teachers College, Columbia University, New York, NY, April 1996
34. Skill Acquisition Conference. Group Discussion Leader for 2-day conference, Teachers College, Columbia University, New York, NY, April 1993
35. Workshop in Motor Learning and Control. Conference Coordinator & Group Discussion Leader, Teachers College, Columbia University, New York, NY, October 1992

HONORS AND AWARDS

1. Honoree, Parkinson's Mind and Body Inaugural Gala, Greenwich, CT. October 5, 2023.
2. Degenerative Diseases Special Interest Group Best Platform Presentation. **Quinn L**, Shih HJS, Playle R, Taiyari K, Williams-Thomas R, Muratori L, Friel C, Morgan-Jones P, Rosser A, Busse M. Consultative Coaching Model for Long-Term Exercise Engagement in People with Huntington's Disease. Platform presentation. Combined Sections Meeting, American Physical Therapy Association. San Antonio, TX, February 2-5, 2022.
3. Catherine Worthingham Fellow, American Physical Therapy Association. May 20, 2021.
4. Best case study presentation. Kipnis D, Shah H, **Quinn L**. *Yoga for Functional Neurologic Disorder*. Greater New York American College of Sports Medicine Conference, poster presentation. April 10, 2021.
5. Ahart Leadership Award, Keynote speaker 2017, Bellarmine University, Louisville, KY, April 4, 2017.
6. Training in Grantsmanship for Rehabilitation Research (TIGRR) Award, 2016.
7. Golden Synapse Award, Journal of Neurologic Physical Therapy. Most outstanding paper in 2013 for: Busse M, **Quinn L**, DeBono K et al. A Randomized Feasibility Study of a 12-week Community-based Exercise Program in people with Huntington's disease. Journal of Neurologic Physical Therapy 2013;37(4):149-58.

PRESS

1. PD Movers: We Keep Moving Highlights the Lived Experiences of Black and African American Families Navigating Parkinson's Disease. Michael J. Fox Foundation. February 7, 2023. <https://www.michaeljfox.org/news/pd-movers-we-keep-moving-highlights-lived-experiences-black-and-african-american-families>
2. This Project is Helping Black and African American Communities Cope with Parkinson's Disease. January 2023. <https://www.tc.columbia.edu/articles/2023/january/this-project-is-helping-black-patients-cope-with-parkinsons-disease/>
3. Coached exercise via telehealth shows promise in Parkinson's disease. Parkinson's News Today. August 5, 2020. <https://parkinsonsnewstoday.com/2020/08/05/coached-telehealth-exercise-program-shows-promise-in-parkinsons-group/>
4. The Power of Ping Pong Over Parkinson's Disease. China Daily.com, October 2019 http://www.chinadaily.com.cn/global/2019-10/30/content_37519408.htm
5. Looking at Physical Therapy Holistically. PT in Motion, July 2019 <http://www.apta.org/PTinMotion/2019/7/Feature/PTHolistically/>
6. Teachers College Interview, Neurorehabilitation Research Lab, November 2018 <https://www.youtube.com/watch?v=maoUMNvaORY>
7. Summary of systematic review of physical activity and exercise in Huntington's disease, February 2018 <https://huntingtonsdiseaseneews.com/2018/02/01/physical-activity-helps-huntingtons-disease-patients-study-finds/>

MEMBERSHIP IN SCIENTIFIC/PROFESSIONAL SOCIETIES

1. World Federation of Neurorehabilitation, 2022-present
2. American Society of Neurorehabilitation (ASNR), 2018-present
3. Huntington Study Group (HSG), 2014-present
Co-Chair, Digital Markers Working Group, 2019-present
Member, Rehabilitation therapists Working Group 2015-present
4. Movement Disorders Society, Health Professionals Special Interest Group, 2013-present
5. Chartered Society of Physiotherapists (CSP), 2008-present
Member, Association of Chartered Physiotherapists interested in Neurology (ACPIN) 2008-present
6. European Huntington's Disease Network, 2007-present
Member, Physiotherapy Working Group 2008-present
7. American Physical Therapy Association, 1988-present
Member - New York Chapter; Sections on Neurology (1988-present), and Research (2014-present)
Degenerative Diseases Special Interest Group, Neurology Section, 1999-present

LEADERSHIP AND ADVISORY POSITIONS

1. Spark Therapeutics. Natural History Study Advisory Board. April 2021
2. Huntington Disease Center of Excellence, Co-Chair, Digital Markers Working Group, 2019-present

3. APTA Neurology Section Task Analysis Task Force Leader, 2017-present
4. APTA Neurology Section Task Force on the Human Movement System, 2015-present
5. Consulting physical therapist, Huntington's Disease Center of Excellence, New York State Psychiatric Institute, Columbia University, NY, NY, September 2014-present
6. APTA Task Force on the Human Movement System, 2015-2018
7. Movement Disorders Society Task Force on Review of Huntington's Disease Functional and Quality of Life Rating Scales, 2015-2017
8. Teva pharmaceuticals consultant. Developed standard operating procedures for an international pharma company that has been used to support outcome measure training in two 50 site phase III drug trials in HD. The procedures have been developed under license from Cardiff University based on the Cardiff Physiotherapy Group's research into outcome measures, 2013-4
9. National Institute for Neurological Disorders and Stroke, Common Data Elements for Huntington's Disease, Functional Outcomes Task Force, 2011-12
10. European Huntington's Disease Network, Co-Lead Facilitator, Physiotherapy Working Group 2008-2014
11. Consultant, Laurel Lake Nursing Home, Huntington's Disease Unit, 2000-2003
12. Consultant, Terrence Cardinal Cooke Nursing Home, Huntington's Disease Unit 2000-2003, 2015-2017
13. American Physical Therapy Association, Degenerative Diseases Special Interest Group, Neurology Section, Founder and Chairperson, 1999-2003
14. Consulting physical therapist, Huntington's Disease Center of Excellence, New York State Psychiatric Institute, Columbia University, NY, NY, 1996-2003

REVIEW ACTIVITIES

Editorial Boards

1. Physical Therapy Journal, Editorial Board Member, 2017-present
2. Journal of Huntington's Disease, Associate Editor, 2017-present

Ad hoc journal review activities

1. Physical Therapy Journal, 2007-2017
2. Journal of Neurologic Physical Therapy, 2000-present
3. Pediatric Physical Therapy, 2000-present
4. Movement Disorders, 2017- present
5. Medicine & Science in Sports & Exercise, 2017-present
6. BMC Neurology, 2017-present
7. Journal of Motor Learning and Development, 2020-present
8. BMC Health Services Research, 2022-present

External Grant Activities

1. National Institutes of Health, Fellowships: Risks, Prevention and Health Behavior, 2019
2. Irving Institute, Columbia University. Pilot Award Reviewer, 2015

TEACHING

1. Teachers College, Columbia University, NY, NY (2015-present). Full-time faculty in Movement Sciences program
 - Research Training Seminar
 - Research Design in Movement Sciences
 - Advanced Topics Seminars
 - Bases of Motor Control
 - Movement Disorders
 - Dissertation Training Seminar
2. Guest lecturer, Marist College, Poughkeepsie, NY (2019-present). Topic: Huntington's Disease

3. Cardiff University, Cardiff, UK (2008-2013). Honorary Researcher Fellow. Lecturer on topics of motor learning and motor control, and neuroplasticity
4. New York Medical College (1997-2005), Full-time faculty in graduate physical therapy program with problem-based learning teaching framework. Responsible for all pediatric and adult neurologic rehabilitation curriculum.
 - Acute Care Conditions
 - Chronic Care Conditions (including Pediatrics)
 - Neuroscience lecturer (basal ganglia, cerebellum, motor control)
 - Documentation
5. Teachers College, Columbia University (1993-1995). Instructor in Motor Learning Program for Clinical Seminar Courses, integrating clinical practice in physical/occupational therapy with motor learning and motor control theories.
6. Guest Lecturer (1997-2003): Adelphi University, Garden City, NY; UMDNJ/Kean College, Newark, NJ; Hahnemann University, Philadelphia, PA

ADVISING AND MENTORING

Doctoral Students (Sponsor)

1. 2017-2023
Nia Mensah, PhD
Teachers College, Columbia University
Role: Sponsor
Dissertation: *EngageCP: Defining & Measuring Physical Activity in Children with Cerebral Palsy who are non-ambulatory at GMFCS levels IV & V*
2. 2017-2021
Radhika Desai, PhD
Teachers College, Columbia University
Role: Sponsor
Dissertation: *Neurophysiological Correlates of gait initiation in Huntington's and Parkinson's disease*
2. 2016-2020
Nicholas Lee Parker, EdD
Teachers College, Columbia University
Role: Sponsor
Dissertation: *The Effects of Attentional Focus on Novice and Expert Dynamic Indoor Rowing Performance*
3. 2016-2019
Katrina Long, EdD
Teachers College, Columbia University
Role: Sponsor
Dissertation: *Pre-active PD: a therapist delivered physical activity behavior change program for people with early stage Parkinson's disease*
4. 2016-2019
Julie Fineman, EdD
Teachers College, Columbia University
Role: Sponsor
Dissertation: *Dual task performance and prioritization in Parkinson's disease and healthy elderly individuals: analysis of a novel assessment with increasing complexity*

5. 2015-2018 Lauri Bishop, PhD
 Teachers College, Columbia University
 Role: Sponsor
 Dissertation: *The Integration of Principles of Motor Learning to Reduce Gait Asymmetry Using a Novel Robotic Device in Individuals Chronically Post-Stroke*

Dissertation Committees

1. James Borders, 2023
Role: Defense Moderator
Dissertation: *Maximizing Cough Motor Learning with Skill Training in Parkinson's Disease*
2. Haimei Sun, PhD, 2022
Role: Outside Reader
Dissertation: *Using Eye Tracking to Investigate Reading Task Complexity Effects on L2 Learners' Content Learning and Language Use*
3. Laura Johanson, PhD, 2021
Role: Third Reader/Chair
Dissertation: *Psychological Resilience as a protective factor for the motor system in multiple sclerosis*
4. Julia Guzman, EdD, 2021
Role: Second Reader
Dissertation: *Telewrite: A new telehealth-based assessment to evaluate the handwriting skills of children in first through third grade*
5. Rand Hidayah, PhD, Columbia University, 2021
Role: Outside examiner
Dissertation: *Modular Cable-driven Leg Exoskeleton Designs for Movement Adaptation with Visual Feedback*
6. James Curtis, 2021
Role: Second Reader
Dissertation: *Mechanisms of Respiratory-Swallow Coordination and the Effects of Skill Training on Swallowing Rehabilitation in Parkinson's Disease*
7. Ashley Goodwin, PhD, 2021
Role: Third Reader/Chair
Dissertation: *Oxygen Uptake Kinetics in Skeletal Muscle Using Near-Infrared Spectroscopy (NIRS): Evaluating Healthy Responses of Muscle Deoxygenation*
8. Kate Nealon, PhD, 2021
Role: Examiner
Dissertation: *reliability of perceptual measurement of Apraxia of Speech characteristics*
9. Role: Bhavini Surana, EdD, 2021
Role: Second Reader
Dissertation: *Development of Segmental Intensive Trunk Training (SITT) for Children with Cerebral Palsy GMFCS IV-V*
10. Katherine Newhouse, EdD, 2020
Role: Outside Reader
Dissertation: *Small spaces, big moments: understanding the spatialized lived experiences of youth and adults in restricted educational programs*

11. Pablo Rodriguez
Role: Outside Reader
Dissertation: *Music Teaching Strategies for Students with Low Vision, Including Blindness*
12. Ernest Byers, 2019
Role: Outside Reader
Dissertation: *Leadership, Action Logics and Application of Lean in an Organizational Health Care Setting*
13. Mark Louie
Role: Third reader/Chair
Dissertation: *Exploring the Relationship Between Resistance Training and Resilience in Black/African American Men with Depressive Symptoms*
14. Trevor Lee Miller, PhD, 2019
Role: Second Reader
Dissertation: *Transfer and Generalization of Learned Manipulation between Unimanual and Bimanual Tasks*
15. Daniel Geller, EdD, 2018
Role: Second Reader
Dissertation: *Home mirror therapy: a randomized control study comparing unimanual and bimanual mirror therapy for improved arm and hand function post-stroke*
16. Alexis Sidiropoulos, PhD, 2018
Role: Third reader/Chair
Dissertation: *The Influence of Upper Extremity Intensive Motor Learning Intervention on Inter-Limb Coordination in Children with Unilateral Spastic Cerebral Palsy*
17. Shorhreh Anand, EdD, 2017
Role: Outside Reader
Dissertation: *Learning to be involved: what does it mean for scleroderma patients?*
18. Franchino Porcuincola, EdD, 2017
Role: Second Reader
Dissertation: *Relationship of postural control and gait in Huntington's Disease*
19. Lisa Vernale, EdD, 2016
Role: Outside Reader
Dissertation: *The Design, Implementation and Evaluation of an E-Health Video for Women Under Age Forty Not Eligible for Mammograms: Predictors of a High Rating of the Video*
20. Chaviva Wolff, EdD, 2016
Role: Third Reader/Chair
Dissertation: *Effect of alternating inter-manual training on hand shaping during grasp in children with unilateral spastic cerebral palsy*
21. Norberto Quiles, EdD, 2016
Role: Chair
Dissertation: *Physical Activity and Post-Exercise Cardioautonomic Function in People Living with HIV*

Masters Student Advisement

1. Miguel Blacutt, Advanced Master's Degree, Teachers College, Columbia University 2019-2021
2. Lorenzo Casterano, Teachers College, Columbia University 2019-2021

3. Ashrita Satchidanand, Teachers College, Columbia University 2019-2021
4. James Allen, Teachers College, Columbia University, 2019-2021
5. Haoyu Li, Teachers College, Columbia University, 2018-2021
6. Sophie Needleman, Teachers College, Columbia University, 2017-2020
7. Allegra Romita, Teachers College, Columbia University, 2017-2020
8. Gregory Youdan, Teachers College, Columbia University, 2016-2020
9. Danit Mark, Teachers College, Columbia University, 2017-2019
10. Talita Campos, Teachers College, Columbia University, 2018-2019
11. Shreya Jain, Teachers College, Columbia University, 2017-2019

Undergraduate and other Student Advisement (supervised internships in Neurorehabilitation Research Lab)

1. Marina Kaplan, Columbia University STAR U PROGRAM, Summer 2023
2. Michelle Lin, Barnard College, 2021-2023
3. Maya Campbell, Barnard College, 2022-2023
4. Abigail Schreier, Barnard College, 2019-2021
5. Jamie Rieger, Barnard College, 2019-2021
6. Sam Landa, Columbia University, 2018-2020
7. Elizabeth McAneny, Barnard College, 2017-2018

COMMITTEES

Teachers College, Columbia University

1. 2023-present Affirmative Action committee
2. 2022-present Research Advisory Committee
3. 2019-2020 Institutional Review Board
4. 2018-2020 Doctoral Dissertation Grant Review committee
5. 2018-2020 Dean's grant proposal
6. 2016-2018 Diversity committee