COMPREHENSIVE PROFESSIONAL VITAE

DATE: 01/31/2024
NAME: O'Neil, Margaret E.
Department: Physical Therapy and Kinesiology (PTK)
College: Zuckerberg College of Health Sciences
Rank or Title: Associate Professor, Tenure Track Field: Physical Therapy

A. EDUCATION AND ACADEMIC QUALIFICATIONS

1. *Education (specify degree institutions, dates, honors, major fields of study, etc.)*

8/95 – 5/99 Ph.D., Pediatric Rehabilitation, MCP Hahnemann University (now Drexel University), College of Nursing and Health Professions, Department of Physical Therapy and Rehabilitation Sciences, Philadelphia, PA

8/94 – 8/95 Master's in Public Health (MPH), University of North Carolina at Chapel Hill, School of Public Health, Department of Maternal & Child Health, Chapel Hill, NC

8/83 – 5/85 Master of Science, Physical Therapy (MS, PT); Duke University, Durham, NC

9/77 – 5/81 Bachelor of Science (BS), Biology, Providence College, Prov., RI

2. *Academic Experience (length of time at each institution, rank(s) held, etc.)*

9/22-pres University of Massachusetts, Zuckerberg College of Health Sciences, Lowell, MA. Associate professor (tenure track), Department of Physical Therapy and Kinesiology.

9/18-6/22 Columbia University Irving Medical Center, NY, NY. Professor, Programs in Physical Therapy

1/00-8/18 Drexel University, Department of Physical Therapy and Rehabilitation Sciences, College of Nursing and Health Professions. Philadelphia, PA. Associate professor (with tenure); Secondary appointments: 1) Department of Nutrition and 2) School of Public Health, Departments of Community Health & Prevention and Health Management & Policy.

B. PROFESSIONAL ACTIVITIES

1. Professional Association Participation (state nature of participation: paper read, panel discussant, office holder, etc.)

<u>International Level</u>

2004- pres World Physiotherapy (WPT) - International Organization of Physical Therapists in Paediatrics (IOPTP)

- Member - IOPTP Research Committee – participate in writing committee vision, mission statements; write proposals, mentor junior members and present at international WPT conferences
- 2023 - Mentored junior faculty and clinicians from low-middle income countries (LMICs) to prepare and submit a proposal for a focused symposium at WPT 2025 conference and to form a special interest group (SIG)

<u>National Level</u>

1990- pres American Physical Therapy Association (APTA) – Active Member

- Co-director (2020-pres) – writing Clinical Practice Guidelines for Cerebral Palsy (CPG-CP) – leading a national group of expert clinicians and researchers to develop a CPG-CP.
    - Academy of Pediatric Physical Therapy (APPT) – (1990-pres)
        - Member, Research Committee for the APPT (2003 – pres) - Chair (2012 -2015) – mentor junior faculty and members of Academy; review grants; write strategic plan; conduct research training sessions for members of Academy
        - Task Force member – Research Summit VI (2022-2023) – plan the 2023 Summit meeting in Oct. 2023 including identifying and inviting keynote speakers and finding

and supporting a family to travel to DC from Philadelphia to participate on the parent panel.
    - *Topic: Precision Rehabilitation in Pediatric Physical Therapy*
    - Task Force (co-chair) – Pediatric PT Roles in Obesity (2011- 2013) – identify PT roles in management of childhood obesity
    - Task Force (chair) – Health Promotion and Wellness (2010 - 2012) – write position papers and publications on pediatric PT roles in health promotion
    - Chair, Subcommittee on Research Grants (2008 - 2009)
    - Task Force Member – Research Strategic Plan Development (2008-2009 & 2020 – 2023)- work with group to write plan.
    - Task Force Co-chair – Research Summit II: Effectiveness of early intervention for children with or at risk for physical disabilities (2007)
    - Task Force member– Research Summits I (fitness, 2003) III (dosing, 2011) and IV (technology, 2014) – planned events, identified speakers, wrote documents, participated in writing Summit Proceedings.
- Academy of Research, Member (2009 – pres) – participate in meetings on research advances in PT
- Academy for Health Policy and Administration, Member (2010 - pres) - presentations on topics to promote health and wellness and DEI in PT services

2000- pres American Academy for Cerebral Palsy & Developmental Medicine (AACPDM)
- Member – International Physical Activity (PA) Work Group – Research meetings and planning on PA in cerebral palsy (2013-2020)
- Member – Awards Committee – grant reviewer (2014 - 2020)

1994- pres American Public Health Association (APHA) – Member – networking to integrate rehab topics in health promotion and physical activity research and services
- Member, Section on Maternal and Child Health
- Member, Section on Disability and Health
- Member, Physical Activity Special Interest Group

State Level

APTA, MA – active member of the Massachusetts chapter of the APTA.

2. *Professional Honors and Awards*

Special Appointments
- 8/2020-present: American Physical Therapy Association (APTA), Academy of Pediatric Physical Therapy (APPT), Co-leader of the National Guideline Development Group for the Clinical Practice Guideline (CPG) entitled: Physical Therapy Intervention to Improve Mobility in Children Aged 5-22 years old with Cerebral Palsy (CP) Classified at GFMCS I, II or III
- 2/2015-2/2021: Foundation for Physical Therapy Research, Scientific Review Committee
- 3/2015-9/2020: American Academy of CP and Developmental Medicine Awards Committee
- 2/2012-2/2015: Chair, Research Committee, APTA, APPT
- 4/2010-4/2013: Scientific Advisory Board, President's Council on Fitness, Sports and Nutrition, I Can Do It! (Health promotion program for individuals with disabilities)

Professional Awards
- 11/2023 – APTA Massachusetts Annual Conference, Best Research Poster Award "Pediatric physical therapists' perspectives on active video games for ambulatory youth with cerebral palsy'
- 5/2015: Drexel University, Academic Innovators Award
- 2/2009: APTA, Academy of Pediatric Physical Therapy, Research Award recipient

Invited Lectureships
- 9/2022: Invited keynote speaker for the Arkansas PT Association Annual Conference, Rogers, AK.

- 10/2016: Invited keynote speaker for the Montana PT Association Annual Conference, Kalispell, MT.
- 4/2016: Bayada Health Care Lectureship: Technology in Health: Presentation on Wearable Sensors to Measure Physical Activity in Youth with CP. Drexel University, Phila, PA.
- 11/2009: 10th Annual Susan K. Harryman Lectureship on Cerebral Palsy (CP) at Kennedy Krieger Institute, Baltimore MD: "Strength and Fitness Interventions in Children with CP." Invited speaker for panel presentation at the 10th Anniversary celebration.

3. Non-Teaching Activities (Consulting and Other Professionally Related Work)

Grant Reviewer

2023- pres	National Science Foundation, FW-HTF Research Grant Review Panel (Future of Work at the Human Technology Frontier)
2015 - 2021	Foundation for Physical Therapy, Scientific Review Committee – grant reviewer for all grant mechanisms (PhD, Post Doc, Research Grants)
2010- pres	US Department of Education, National Institute on Disability and Rehabilitation Research, Various review Panels for disability, health promotion and physical activity
2010 – pres	Review panel member - NIH Small Business Innovative Research: Neuro/Psychopathology, Lifespan Development, and STEM Education Special Emphasis Panel
2009- 2016	Review panel (temporary member) – NIH, Community-Level Health Promotion

Advisory Board & Task Forces

2013 – 2018	Member, Medical Advisory Board, HealthyNewsWorks – a nonprofit organization to support youth in middle and high schools to become health journalists
2013-2015	Member, Public Health Sector Expert Panel for National Physical Activity Plan review and revision
2013-2015	PTNow: Chair, Task Force on APTA Clinical Guidelines for Childhood Obesity
2013-2014	Member, National Task Force on Physical Therapists' Role in Prevention, Wellness, Fitness and Disease Management Outcome: White Paper to Board of Directors to inform new position paper.
2009 -2013	YMCA Activate America! Pioneering Healthy Communities Advisory board member to YMCA of Philadelphia for this grant to create healthy communities in YMCA neighborhoods.

Journal Manuscript Reviewer

Archives of Physical Medicine and Rehabilitation
Games for Health
International Journal of Obesity Research
Journal of Adolescent Health
Journal of the American Dietetic Association
Journal of Pediatric Rehabilitation
Medical Science in Sports and Exercise
Obesity Research
Pediatric Physical Therapy Journal
Pediatric Rehabilitation Research
Physical Therapy
Preventing Chronic Disease – Public Health, Research, Practice and Policy

Editorial Boards

Physical and Occupational Therapy in Pediatrics

4. Hospital/Clinical Appointments

10/2022-present	Boston Children's Hospital (BCH), Boston, MA Research Associate - established an MOU between BCH and PTK for research collaboration & to developed ICE experiences for DPT students in the Peds PT course
09/2018 -2022	Columbia University, NY, NY, College of Physicians and Surgeons, Weinberg CP Center, Clinical Research Team Member
05/2011- 2020	Nemours AI duPont Hospital for Children, Wilmington, DE Cerebral Palsy and Rehabilitation Research Program, Research Associate
05/2010- 2019	Franciscan's Children's Hospital, Boston, MA Research Center, Department of Physical Therapy and Rehabilitation, Research Associate
09/2017-2018	St. Christopher's Hospital for Children, Philadelphia, PA, Research Associate, Center for Children and Youth with Special Health Care Needs
03/2005-2018	Shriners Hospital for Children, Philadelphia, PA, Scientific Staff Member

5. Licensure – Physical Therapy

5533	Commonwealth of Massachusetts, Division of Professional Licensure, in Allied Health Professions, Physical Therapist
045003-01	New York State – PT license
PT009190E	Commonwealth of Pennsylvania, Department of State Bureau of Professional and Occupational Affairs, Physical Therapist (inactive)

6. Patents and Inventions

Inventors: Diefenbach PJ, Gray RC, Day TJ, O'Neil ME. (Drexel University, Philadelphia, PA)
Patent #: US 12,005,317, B2
Patent Ddte: June 11, 2024 (Application date: Feb 2018)
Title: Patient Data Visualization, Configuration of Therapy Parameters from Remote Device, and Dynamic Constraints.

C. RESEARCH

1. Grants & Contracts

Active Grants

APTA, Clinical Practice Guidelines (CPG) Grant — O'Neil (Co-PI) — 01/02/2024-12/2025
Title: PT intervention to improve mobility in children aged 5-22 years old with cerebral palsy (CP) classified at GMFCS I, II or III — $9,000

- This grant will fund a CPG writing weekend at UML in Fall 2024 when I will bring the Guideline Development Group to campus to work on CPG recommendations and to prepare the manuscript.

University of Massachusetts — O'Neil (Co-PI) — 06/2023 – 05/2025
Seed Grant Program — $15,000
Title: Exploring efficacy of Haptic Games and Virtual Reality Games to promote activity, functional mobility, and participation in ambulatory youth with cerebral palsy.
Role: Project Director & Administration (no salary support)

University of Massachusetts — Koran (PI) — 06/2023 – 05/2025
Seed Grant Program — $15,000
Title: SMART infant shirt: Sensors embedded in infant clothing to measure movement in prone.
Role: Expert PT consultant (no salary support)

Select Grants - Completed

NIH R01 NICHD – RFA-HD-20-005 Agrawal (PI) 07/2020-05/2025
Columbia University Morningside Campus $1.5 million
Title: Improving seated postural control and upper extremity function in bilateral CP with a robotic Trunk-Support-Trainer (TruST)
Role: Co-I (5%) - my role on the grant is completed.

APTA Mensah (PI) 01/2021-06/2022
Academy of Pediatric Physical Therapy, Mentored Research Grant $10,000
Title: Measuring Physical Activity in Non-Ambulatory Youth with CP during daily routines
Role: Mentor for this EdD student (in kind contribution as a member of her dissertation committee)

Columbia University Irving Medical Center (CUIMC)
DOD MA150167 Finkelstein (PI) 07/2016-12/2019
Title: Physical telerehabilitation in patients with multiple sclerosis with significant mobility impairment.
Role: Key personnel (3%)

Drexel University
NIH 1 R21 HD 086745 O'Neil (PI) 09/2016-08/2019
NICHD NCMRR $275,000
Title: Machine learning algorithms to measure physical activity (PA) in children with cerebral palsy (CP)
Role: PI (20%)

Drexel Coulter Translational Grant Program O'Neil (Co-PI) 07/2015-12/2016
Title: KOLLECT: Virtual reality rehabilitation for youth with cerebral palsy. $100,000
Role: Co-PI (20%)

Drexel Coulter Translational Grant Program O'Neil (Co-PI) 10/2014-12/2015
KOLLECT: Virtual reality rehabilitation for youth with cerebral palsy $125,000
This grant is a collaboration between Drexel University College of Nursing and Health Professions, Physical Therapy and Rehabilitation Sciences and College of Media Art and Design (COMAD), Digital Media and Gaming Program
Role: Co-PI (20%)

Select Grants – Not funded

Thrasher Foundation Concept Paper July 2024
Title: Virtual Reality Interventions to Promote Health and Mobility in Ambulatory Youth with Cerebral Palsy
This concept paper outlined a 3-year grant study with a total budget of $375,000 to be implemented from Spring 2025 – 2028. We received notification on August 13 that our concept paper did not meet the threshold required for an invitation to submit a full proposal.

American Academy of Cerebral Palsy and Developmental Medicine Fall 2024-2025
Pilot study
Title: "Perspectives of ambulatory youth with cerebral palsy, their parents, and rehabilitation providers on virtual reality with and without haptic input to promote functional mobility and physical activity"

C-PROGRESS – NIH, National Pediatric Rehabilitation Resource Center. Spring 2024 - 2025
Pilot studies program for innovation projects. $50,000.00.
Title: Deriving quantitative metrics from virtual reality (VR) motion data to measure motor performance of children with cerebral palsy when playing VR games.
Role: (PI)

Foundation for PT Research O'Neil (Co-I) 01/2024-12/2025
Pediatric Research Grant $40,000

Title: Virtual reality for youth with cerebral palsy: Establishing clinically valid and meaningful outcome metrics from motion tracking data

APTA, Academy of Pediatrics — O'Neil ME (PI) — 09/2023-05/2024
Academy of Pediatric Physical Therapy — $30,000
Title: Informing clinical practice: Establishing quantitative movement measures using data recorded from motion trackers during virtual reality interventions for youth with cerebral palsy
Role: PI (5%)

CUIMC, Irving Institute for Clinical Grants — Kim (PI) — 03/2022-02/2023
Research: Intervention and Implementation Science Pilot Awards — $30,000
Title: A Tele-Rehabilitation Home Exercise Program (TRHExP) Using Innovative Technology to increase Physical Activity, Fitness, and Functional Mobility in Ambulatory Adults with CP: A Feasibility Study.
Role: Co-PI (in kind – to fund a DPT capstone project)

APTA, Academy of Pediatrics — O'Neil ME (PI) — 01/2021-12/2021
Academy of Pediatric Physical Therapy — $30,000
Title: Custom Immersive Virtual Reality Games to Promote Functional Mobility and Fitness in Ambulatory Youth with Cerebral Palsy: A Feasibility Study
Role: PI (5%)

Columbia University — O'Neil (PI) — 10/2019-09/2020
Research Initiative in Science & Engineering (RISE) Grants — $80,000
Title: Virtual Reality in Rehabilitation: Promoting Adherence and Functional Task Acquisition in Ambulatory Youth with Cerebral Palsy
Role: PI (10%)

Drexel University — Diefenbach (PI) — 09/2017-08/2019
NIH NICHD R41 (STTR): — $150,000
Title: Remote Active Video Games in Home Exercise Programs for Youth with Cerebral Palsy
Role: Co-I (14%)

2. *Academic & Professional Publications (Citations must include full and exact references; reprints of publications must be available for submission and must be submitted when requested. Use the back of this page if additional space is needed).*

Peer Reviewed Publications - Manuscripts

1) Wengrovius C, Fragala-Pinkham M, Miles C, O'Neil ME**.** Health Promotion and Wellness in Pediatric Physical Therapy. *Pediatri Phys Ther*. Feb. 2024 *(accepted – publication date – Jan. 2024).*
2) Mensah N, O'Neil ME, Quinn L. Measuring physical activity in non-ambulatory children with cerebral palsy: Exploratory case series. *Pediatri Phys Ther. (accepted, Fall 2023; publication date - May, 2024)*
3) Gannotti ME, O'Neil ME, Fragala-Pinkham M, Gorton GE, Whitney DG. Policy Brief: Adaptive Cycling Equipment for Individuals with Neurodevelopmental Disabilities as Durable Medical Equipment. *Frontiers in Rehabilitation Sciences*. Vol 4 (05). June 2023
4) Bhat AN, Fiss A, O'Neil ME, Sansom JK, Heathcock JC, Dusing SC, Christy JB,[APTA APPT Research Agenda Task Force]: Steps to Revising the APTA Pediatrics Research Agenda. *Pediatri Phys Ther.* 2021.
5) Luna A, Casertano L, Timmerberg J, O'Neil M, Machowsky J, Leu CS, Lin J, Fang Z, Douglas W, Agrawal S. Artificial intelligence application versus physical therapist for squat evaluation: a randomized controlled trial. Scientific Reports. 2021; *Scientific Reports*. Nature Portfolio. 2021; 11: 18109. https://doi.org/10.1038/s41598-021-97343-y.

6) Ahmadi M, O'Neil M, Baque E, Boyd R, Trost SG. Machine learning to quantify physical activity in children with cerebral palsy: comparison of group, group-personalised and fully-personalised activity classification models. *Sensors.* 2020; 20, 3976; doi:10.3390/s20143976.
7) Habib-Hasan, Sheikh MS, Hoodbhoy Z, Azam I, O'Neil M. Early intervention physical therapy using "Parent Empowerment Program" for children with Down syndrome in Pakistan: A feasibility study. *Journal of Pediatric Rehabilitation Medicine*.1 Jan. 2020:1- 8; doi: 10.3233/PRM-190605.
8) O'Neil ME. Examining the relationship between weight gain trajectories and pain free interference during transitions from adolescents to adulthood: Informing prevention and intervention strategies. *Pain Medicine*. Oct.2019.doi: 10.1093/pm/pnz305.
9) Landis C, O'Neil ME, Finnegan A, Shewokis PA. Calculating heart rate variability from ECG data from youth with cerebral palsy During Active Video Game Sessions. *Journal of Visualized Experiments (JOVE)*. 2019; 148: e59230; doi:10.3791/59230.
10) Ahmadi M, O'Neil M, Fragala-Pinkham M, Lennon N, Trost S. Machine learning algorithms for activity recognition in ambulant children and adolescents with cerebral palsy. *Journal of NeuroEngineering and Rehabilitation.* 2018;15 (105): 1-9. https://doi.org/10.1186/s12984-018-0456-x.
11) Liljenquist K, O'Neil ME, Bjornson K. Utilization of Physical Therapy Services during Transition for Young People with Cerebral Palsy: A Call for Improved Care into Adulthood. *PTJ.* 2018; 98(9):796-803.
12) Gannotti M, Bailes AF, Bjornson K, O'Neil ME, Grant-Buettler M, Dusing S. Pediatric rehabilitation services for children with cerebral palsy: what can existing data sources tell us? *Pediatr PhysTher*.2017;29:179-186.
13) Christy JB, Lobo MA, Bjornson KB, Dusing SC, Field-Fote E, Gannotti M, Heathcock J, O'Neil ME, Rimmer J. Technology for Children with Brain Injury and Motor Disability: Executive Summary from Research Summit IV. *Pediatr Phys Ther.* 2016; 28: 483-489.
14) O'Neil ME, Ideishi RI, Benedetto M, Ideishi SK, Fragala-Pinkham M. A yoga program for preschool children in Head Start and Early Intervention: A feasibility study. *J Yoga Phys Ther*. 2016; 6:238. doi:10.4172/2157-7595. 1000238
15) Trost SG, Fragala-Pinkham M, Lennon N, O'Neil ME. Decision trees for detection of activity intensity in youth with cerebral palsy. *Med Sci Sports Exerc*. 2016; 48(5): 958-66.
16) Gannotti ME, Bailes A, O'Neil ME, Williams U, DiRezze B, Law M. Comparative effectiveness research and children with cerebral palsy: identifying a conceptual framework and specifying measures. *Pediatri Phys Ther.*2016:28;58-69.
17) O'Neil ME, Fragala-Pinkham M, Lennon N, George A, Forman J, Trost SG. Reliability and validity of objective measures of physical activity in youth with cerebral palsy who are ambulatory. *Phys Ther*.2016; 96:37-45.
18) Lennon N, Thorpe D, Dallmeijer AJ, Balemans ACJ, Fragala-Pinkham MA, O'Neil ME, Bjornson K, Clanchy K, Boyd RN. A Systematic Review of the Clinimetric Properties of Measures of Aerobic and Anaerobic Fitness in Adolescents and Adults with Cerebral Palsy. *Res in Dev Disabilities.*2015:45- 46:316-328.
19) Fragala-Pinkham M, O'Neil ME, Lennon N, Forman J, Trost SG. Validity of the OMNI rating of perceived exertion for children and adolescents with cerebral palsy. *Dev Med Child Neurol*.2015;57(8):748-53.
20) Rowland JL, Fragala-Pinkham M, Miles C, O'Neil ME. The Scope of Pediatric Physical Therapy Practice in Health Promotion and Fitness for Youth with Disabilities. *Pediatr Phys Ther.*2015;27: 2-15.
21) O'Neil ME, Fragala-Pinkham M, Forman J, Trost S. Measuring reliability and validity of the ActiGraph GT3X accelerometer for children with cerebral palsy: A feasibility study. *J Pediatr Rehabil Med.*2014; 7:233-240.
22) Abeysekara P, Turchi R, O'Neil ME. Obesity and Children with Special Health Care Needs: Special Considerations for a Special Population. *Current Opinions in Pediatrics*. 2014; 26(4): 508-515.
23) Aaron CA, Chiarello LA, Palisano RJ, Gracely E O'Neil ME, Kolobe T. Relationships among Family Participation, Team Support and Intensity of Early Intervention Services. *Physical and Occupational Therapy in Pediatrics*. March 25, 2014.
24) Kolobe THA, Christy JB, Gannotti ME, Heathcock JC, Damiano DL, Taub E, Majsak MJ, Gordon AM, Fuchs RK, O'Neil ME, Caiozzo VJ. Research Summitt III proceedings on dosing in children with an injured brain or cerebral palsy. *Phys Ther.* 2014: July; 94(7):907-920.
25) Trost SG and O'Neil ME. Clinical use of objective measures of physical activity. *British Journal of Sports Medicine*. 2014;48(3):178-181
26) Fragala-Pinkham M, Smith HJ, Lombard KA, Barlow C, O'Neil ME. Aquatic aerobic exercise for children with cerebral palsy: A Pilot Study. *Physiother Theory Pract,* 2014; 30(2): 69–78
27) Almasri N, O'Neil ME, Palisano RJ. Predictors of need for families of children with cerebral palsy *Disabil*

Rehabil. April 2013. 1-10. (doi: 10.3109/09638288.2013.783123)
28) Dumas HM, Fragala-Pinkham MA, Rosen EL, Klar D, Lombard K, Smith H, Shewokis PA, O'Neil ME. Cardiorespiratory response during physical therapist intervention for infants and young children with chronic respiratory insufficiency. *Pediatri Phys Ther.*2013; 25 (2): 178-185.
29) Balemans ACJ, Fragala-Pinkham MA, Lennon N, Thorpe D, Boyd RN, O'Neil ME, Bjornson K, Becher JG, Dallmeijer AJ. A Systematic Review of the Clinimetric Properties of Laboratory and Field based Measures of Aerobic & Anaerobic Fitness in Children with Cerebral Palsy. *Archives of Physical Medicine and Rehabilitation*. 2013; 94:287-301
30) Feehan KA, O'Neil ME, Abdalla D, Fragala-Pinkham M, Kondrad M, Berhane Z, Turchi R. Factors influencing physical activity in children and youth with special health care needs: A pilot study. *International Journal of Pediatrics.* vol. 2012. Article ID 583249,11 pgs, 2012. (doi:10.1155/2012/583249).
31) Almasri, N., Palisano, R. J., Dunst, C., Chiarello, L. A., O'Neil, ME, & Polansky, M. (2012). Profiles of family needs of children and youth with cerebral palsy. *Child: Care, Health and Development, 38*(6), 798-806.
32) Fragala-Pinkham M, Haley SM, O'Neil ME. Group swimming and aquatic exercise programme for children with autism spectrum disorders: A pilot study. *Developmental Neurorehab,* Aug, 2011; 14(4):230-241.
33) Sullivan KJ, Wallace J, O'Neil ME, Musolina, G, Mandich M, Studer MT, Bottomly JM. A Vision for Society: Physical Therapy as Partners in the National Health Agenda. *Phys Ther.* 2011;91(11):1-9.
34) Almasri N, Palisano RJ, Dunst C, Chiarello L, O'Neil ME, Polansky M. Determinants of Needs of Families of Children and Youth with Cerebral Palsy. *Children's Health Care.* 2011; 40(3).
35) Ideishi R, O'Neil ME, Chiarello LA, Nixon-Cave K. Perspectives of therapist's role in care coordination between medical and early intervention services. *Physical and Occupational Therapy in Pediatrics.* 2010; 30(1): 28-42.
36) Fragala-Pinkham MA, Haley SM, O'Neil ME. Summative Evaluation of a Pilot Aquatic Exercise Program for Children with Disabilities. *Disability and Health Journal*. Jan, 2010.
37) O'Neil ME, Shewokis PA, Falkenstein K, DeLago CW, Vaughn N, Costigan T, Smith SA. Psychosocial factors and health perceptions in parents and children who are overweight or obese. *Obesity.*2010; 18, 1558–1565.
38) O'Neil ME, Costigan TE, Gracely EJ, Wells N. Parents perspectives on access to rehabilitation services for their children with special health care needs. *Pediatri Phys Ther*.2009;21:254-260.
39) Fragala-Pinkham MA, Haley SM, O'Neil ME. Group aquatic aerobic exercise program for children with disabilities. *Dev. Med. Child Neuro.* 2008; 50: 822-827.
40) O'Neil ME, Ideishi R, Nixon-Cave K, Khort A. Care coordination between medical and early intervention services: Family and provider perspectives. *Families, Systems & Health.* 2008; 26(2): 119-134.
41) Fowler EG, Kolobe THA, Damiano DL, Thorpe DE, Morgan DW, Brunstrom JE, Coster WJ, Henderson RC, Pitetti KH, Rimmer JH, Rose J, Stevenson RD, Section on Pediatrics Research Summit Participants, Section on Pediatrics Research Committee Task Force. [O'Neil ME contributed as a participant and Task Force member]. Promotion of physical fitness and prevention of secondary conditions for children with cerebral palsy: Section on Pediatrics Research Summit Proceedings. *Phys Ther.*2007; 87: 1495-1510.
42) O'Neil ME, Rubertone P, Villanueva, A. Community experiential learning opportunities in the Drexel University professional Doctor of Physical Therapy program. *Journal of Physical Therapy Education.* 2007; 21(2):63-69.
43) O'Neil ME, Fragala-Pinkham M, Westcott SL, Martin K, Chiarello LA, Valvano J, Rose RU. Physical therapy clinical management recommendations for children with cerebral palsy-spastic diplegia: Achieving functional mobility outcomes. *Pediatr Phys Ther* 2006;18: 49-72.
44) Chiarello L, O'Neil ME, Dichter C, Westcott S, Orlin M, Tieman B, Gocha V, Unanue R. Exploring physical therapy clinical decision making for children with spastic diplegia: Survey of Pediatric Practice. *Pediat Phy Ther* 2005; 17: 46-54.
45) Kaminker M, Chiarello L, O'Neil ME, Dichter C. Decision making for service delivery in schools: A survey of pediatric physical therapists. *Phys Ther.* 2004;84: 919-933.
46) Tieman B, Palisano R, Gracely E, Rosenbaum P, Chiarello L, O'Neil ME. Changes in mobility of children with cerebral palsy over time & across environmental settings. *Physical & Occupational Ther in Pediatrics.* 2004;(1):109-128.
47) O'Neil ME, Fragala M, Dumas H, Russo K. Physical therapy intervention for children with cerebral palsy who receive botulinum toxin injections.*Pediatr Phys Ther* 2003,15:204-15.

48) Fragala M, O'Neil ME, Russo K, Dumas H. Impairment, disability, and satisfaction outcomes after lower extremity botulinum toxin injections for children with cerebral palsy. *Pediatr Phys Ther.*2002;14:132-44
49) O'Brien JE, Dumas H, Haley S, O'Neil ME, Renn M, Bartalocci T, Kharasch V. Clinical findings and resource use of infants and toddlers dependent on oxygen and ventilators. *Clin Peds.* 2002;41:155-62
50) Dumas HM, O'Neil ME, Fragala MA. Expert consensus on physical therapist intervention following Botulinum Toxin A injection for children with cerebral palsy. *Pediatr Phys Ther* 2001;13: 122-132.
51) O'Neil, ME, Palisano, R, Westcott, S. Relationship of therapists' attitudes, children's motor ability, and parenting stress on mothers' perceptions of therapists' behaviors during early intervention. *Phys Ther*. 2001; 81:1412-1424.
52) O'Neil, ME, Palisano, R. Attitudes toward family-centered care & clinical decision making in early intervention among physical therapists.*Pediatr Phys Ther* 2000;12:173-82.
53) O'Neil, ME., Farel, A., & Palisano, R. Parents' perspectives of managed care: Implications for pediatric physical therapy. *Pediatr Phys Ther* 1999;11: 24 – 32.
54) O'Neil ME. Web-site Review: The Family Empowerment Network. *Pediatr Phys Ther* 1998;10:38-39.

Peer Reviewed Publications - Abstracts

1) Fokin K, O'Neil M. DPT student perspectives on a pediatric integrated clinical education (ICE) experience. APPTAC poster presentation; Nov.22,2024. https://aptapediatricsac2024.eventscribe.net/PosterTitles.asp?pfp=BrowsebyPosterTitle
2) McElhinney O, Lewis E, Damice B, DeFabio R, O'Neil M. Interprofessional interventions to decrease musculoskeletal impairments and pain and increase physical activity in youth with complex regional pain syndrome. APPTAC, poster presentation; Nov. 23, 2024. https://aptapediatricsac2024.eventscribe.net/PosterTitles.asp?pfp=BrowsebyPosterTitle
3) Ray L, Wentzell E, Mensah N, O'Neil M. Promoting physical activity in natural environments where children live, learn and play. APPTAC educational program panel; Nov. 23, 2024. https://aptapediatricsac2024.eventscribe.net/agenda.asp?startdate=11/23/2024&enddate=11/23/2024&BCFO=&pfp=FullSchedule&fa=&fb=&fc=&fd=
4) Rosen J, Rizzolo R, Lefkowitz J, Mueller I, Nicholas J, Reda C, Chheda A, Bennett M, Feiner S, O'Neil ME. Virtual reality to promote fitness in ambulatory youth with cerebral palsy: A case series. *Pediatr Phys Ther.* Feb. 2023. https://apta.confex.com/apta/csm2023/poster/papers/index.cgi?username=38028&password=347825
5) Byrnes J, Russo JE, Winterbottom L, DeMartini N, Shatsky N, Spinner M, Bellisimo E, Kim H, Gannotti ME, O'Neil ME. Telerehabilitation home exercise program for adults with cerebral palsy: A mixed methods feasibility case series. *Pediatr Phys Ther.* Feb. 2023. https://apta.confex.com/apta/csm2023/meetingapp.cgi/Paper/38067
6) Branton JM, Wrotniak BH, O'Neil ME. Evidence to support physical therapy management of childhood obesity and the pediatric obesity syndrome: A scoping review. *Pediatr Phys Ther.* Oct. 2021.
7) Jezequel J, Selber P, Gannotti M, Frumberg D, Liquori B, O'Neil ME. An Integrated Collaborative Model to Promote Shared Decision Making in the Clinical Management of Cerebral Palsy. *Dev Med Child Neurol*. 2020.
8) O'Neil ME, Jezequel J, Gannotti M, Frumberg D, Liquori B, Selber P. Promoting parent-provider partnerships in the clinical management of cerebral palsy (CP): Shared decision making and The Phases of Grief Framework. *Pediatr Phys Ther.* April 2020.
9) O'Neil ME, Dagan, M, Mensinger J, Chopski SG, Wojciechowicz C, Feehan K, Turchi R. Measuring Physical Activity During Functional Tasks in Ambulatory Youth with Cerebral Palsy. *Dev. Med. Child Neurol*. Oct 2019
10) O'Neil ME, Lennon N, Fragala-Pinkham M, Landis C, Finnegan AG, Liu Y, Ramakrishnan A, Ayaz H, Diefenbach PJ, Shewokis PA. Physical Activity Level and Aerobic Demand during Active Video Game Play in Ambulatory Youth with Cerebral Palsy. *Dev. Med. Child Neurol*. Oct 2019
11) O'Neil ME, Chopski S, Dagan M, Mayer A, Lint S, Jurcik D, Brody M, Betta J, Goetschius C, Kondrad M, Feehan K,Turchi R. Measuring Physical Activity Intensity in Youth with Cerebral Palsy who are Ambulatory: Considerations for 'Dosing' Physical Therapy Interventions. *Pediatr Phys Ther.* April 2019.
12) O'Neil ME, Fragala-Pinkham M, Lennon N, Trost SG. Active video games to promote physical activity in youth with CP. APTA IV Step, July 2016.

13) Mendonca CJ, Smith S, O'Neil ME. The relationship between lower extremity functional strength and aerobic performance in youth with cerebral palsy. *MSSE;* May 2016.
14) Hawkins J, O'Neil ME. Youth who are obese sustain moderate to vigorous physical activity during active video games. *Med Sci Sports Exerc*. May 2016.
15) O'Neil ME, Shields N, O'Malley G, Oberg GK, Van Sant AF. An International Survey of pediatric physical therapist researchers: Assessing qualifications, resources and needs among pediatric physical therapist researchers. *Physiother*. April 2015; 101 (S1): e1115.
16) Fragala-Pinkham MA, O'Neil ME, Lennon N, Trost S. Validity of the OMNI-Rate of Perceived Exertion scale for youth with CP. *Dev. Med. Child Neurol*. 2014; 56:(S5).
17) O'Neil ME, Smith S, Shewokis P, Fragala-Pinkham M, Trost S. Physical therapists' roles in the management of childhood obesity: Measuring physical activity and fitness. *Pediatr Phys Ther*.2014 26(1): Spring 2014
18) Lennon N, George A, Fragala-Pinkham M, O'Neil ME, Miller F. Intensity of physical activity for youth with cerebral palsy when participating in daily activities. *Pediatr Phys Ther.,* 2014;26(1).
19) Benedetto M, O'Neil ME, Ideishi R, Ideishi S. Yoga for pre-school children in Head Start Programs: Promoting motor and social skill development. *Pediatr Phys Ther.* 2014;26(1).
20) Benedetto M, O'Neil ME, Ideishi R, Ideishi S. Teacher and therapist perceptions of yoga for pre-school children in Head Start Programs to promote motor and social skill development*. Pediatr Phys Ther.,* 2014; 26(1).
21) Fisher K, Hardie T, O'Neil ME, Ventura A, Sockolow P, Miller M, Loomis F, Polek C, Shulkusky E, Gregoire M. Overweight and obesity in individuals with intellectual and developmental disabilities: A community-based participatory action research study. 14th Annual Healthcare Interdisciplinary Research Conference, School of Nursing and Midwifery, Trinity College, Dublin, IRE. Nov. 6-7, 2013. http://trinityhir2013.exordo.com
22) Shulkusky E, Fisher K, Hardie T, O'Neil ME, Miller M, Sockolow P, Polek C. Health status and health utilization of adults with intellectual disability utilizing community residential services. American Public Health Association Conference, Nov. 3, 2013. https://apha.confex.com/apha/141am/webprogram
23) O'Neil ME, Fragala-Pinkham M, Forman J, Lennon N, George A, Trost S. Measuring physical activity in youth with cerebral palsy. American Public Health Association Conference, Boston, MA, Nov. 4, 2013. https://apha.confex.com/apha/141am/webprogram
24) O'Neil ME, Benedetto M, Ideishi R, Ideishi S. Yoga for pre-school children in Head Start Programs: Promoting motor and social skill development. American Public Health Association Conference, Boston, MA, Nov. 5, 2013. https://apha.confex.com/apha/141am/webprogram
25) O'Neil ME, Fragala-Pinkham M, Forman J, Lennon N, George A, Trost S. Reliability and Validity of Accelerometry to Measure Physical Activity in Youth with Cerebral Palsy. International Conference of Activity Monitors and Physical Activity Measures (ICAMPAM), University of Massachusetts, Amherst, MA, June 17-19, 2013. http://www.umass.edu/sphhs/sites/default/files/ICAMPAM_Slide_Poster_Composite_6.6.pdf
26) Benedetto M, O'Neil ME, Ideishi R, Ideishi S. Feasibility of an interdisciplinary program for pre-school aged children. *Pediatri Phys Ther.,* 2013.
27) Fisher K., Hardie T., O'Neil ME., Ventura A., Miller M., Polek C.,Gregorie M., Shulkusky, E., Loomis F. & Hoagey M. *Community Based Participatory Research: To Address Unhealthy Weight in Individuals with Developmental Disability.* The Council for the Advancement of Nursing Science's 2012 State of the Science Congress on Nursing Research. (Conference Proceedings) Washington, DC. 2012.
28) O'Neil ME, Fragala-Pinkham M, Forman J, Canella M, Trost S. Measuring physical activity in school-aged children with cerebral palsy: A pilot study. *Pediatr Phys Ther* 2012; 24(1):117.
29) Feehan KA, O'Neil ME, Abdalla D, Fragala-Pinkham M, Kondrad M, Berhane Z, Turchi R. (2011) Factors influencing physical activity in children and youth with special health care needs: A pilot study. *American Public Health Association*. e-pubs; http://apha.confex.com
30) Almasri N, O'Neil ME, Palisano M, Dunst C, Chiarello L (2010). Identifying unique profiles of family needs: Perspectives of parents of children and youth with cerebral palsy. *American Public Health Association*. e-pubs; http://apha.confex.com

31) Balemans AC, Fragala-Pinkham MA, Lennon N, Thorpe D, Boyd RN, O'Neil ME, Bjornson K, Becher JG, Dallmeijer AJ. Systematic review of the clinimetric properties of laboratory and field-based measures of aerobic and anaerobic fitness in ambulant children with CP. *Dev Med Child Neuro*; 2010; 52(S5): 92.
32) Lennon N, Thorpe D, Fragala-Pinkham MA, O'Neil ME, Bjornson K, Clanchy K, Boyd RN (2010). A systematic review of the clinimetric properties of measures of aerobic and anaerobic fitness in adolescents and adults with cerebral palsy. *Dev. Med. Child Neuro*. 2010; 52(S5): 72.
33) Balemans AC, Fragala-Pinkham MA, Lennon N, Thorpe D, Boyd RN, O'Neil ME, Bjornson K, Becher JG, Dallmeijer AJ. Systematic review of the clinimetric properties of laboratory and field-based measures of aerobic and anaerobic fitness in ambulant children with cerebral palsy. *European Academy of Childhood Disability.* May 2010.
34) Fragala-Pinkham MA, Haley SM, O'Neil ME. Group Aquatic Exercise Program for Children with Autism Spectrum Disorders: A Pilot Study.*Pediatr Phys Ther* 2010;22:95-6.
35) O'Neil ME, Shewokis PA, Vaughn N, John R. Physical activity for children who are overweight: Indications for physical therapy. *Pediatr Phys Ther* 2008;20:118-119.
36) O'Neil ME, Shewokis PA, John R, Medeiros M. (2007). Child and parent factors associated with childhood overweight. *American Public Health Association*. http://apha.confex.com
37) O'Neil ME, Shewokis PA, John R, Medeiros, M. (2007). Relationships among parent and child body composition, eating habits and physical and sedentary behaviors. *American Public Health Association*. http://apha.confex.com

Books & Book Chapters

1) Gilbertson T, Hsu LY, McCoy SW, O'Neil ME. *Gaming Technologies for Children and Youth with Cerebral Palsy.* In: Cerebral Palsy, 2nd Edition. Eds: Miller F, Bachrach S, O'Neil ME, Lennon M. Springer Publishers, NY, NY. 2020
2) O'Neil ME and Lennon N. *Overview of Therapy Management of the Child with Cerebral Palsy*. In: Cerebral Palsy, 2nd Edition. Miller F, Bachrach S, O'Neil ME, Lennon M. (eds). Springer Publishers, NY, NY. 2020
3) Miller F, Bachrach S, Lennon N, O'Neil ME (eds). Cerebral Palsy. 2nd ed; Springer Books, NY, NY. 2020.
4) O'Neil ME, Fragala-Pinkham MA. *Physical Therapy for Individuals with Autism Spectrum Disorder: Promoting Health, Function, and Community Participation.* In: Integrated healthcare for people with autism spectrum disorders: interdisciplinary planning and delivery of care. Eds: Giarellli E, Fisher K. Charles C. Thomas Publishers, Springfield, IL. 2015
5) Tieman BL, Palisano RJ, Gracely EJ, Rosenbaum PL, Chiarello LA, O'Neil ME. *Changes in Mobility of Children with Cerebral Palsy over Time and Across Environmental Settings*. In: Movement Sciences: Transfer of Knowledge into Pediatric Physical Therapy. Ed: Robert J. Palisano. Taylor & Francis Group, Routledge, NY. 2004 (e Book: 2012). https://www.taylorfrancis.com/books/e/9781136426889

3. *Other Research or Creative Activities - Performances, Exhibitions, etc. (Copies of unpublished manuscripts, and programs and/or critical reviews of creative activities must be available for submission and must be submitted when requested. Use the back of this page if additional space is needed).*

Professional Meetings - Oral Presentations (Peer Reviewed)

6/02/2023 World Physiotherapy Congress (WCPT). Dubai, UAE. *Focused Symposium: Paediatric physiotherapy: Promoting health literacy, physical activity, and participation*. O'Neil ME, Bloemen M, Liao HF, Kinnunen A.

2/25/2023 American Physical Therapy Association, Combined Sections Meeting. Physical activity measures, definitions, and recommendations for children with cerebral palsy: GMFCS levels IV and V. Mensah NI, Dodds CB, O'Neil ME, Quinn L. San Diego, CA. https://apta.confex.com/apta/csm2023/meetingapp.cgi/Session/14646

4/10/2021 World Physiotherapy Conference (virtual). Focused Seminar: Pediatric Physical Therapy: Global partnerships to promote physical activity and participation. O'Neil ME (chair, USA), Bloemen M (Netherlands), Liao HF (Taiwan), Yokoyama M (Japan).

2/23/2021 American Physical Therapy Association, Virtual Combined Sections Meeting. Active Video Games: Promoting Fitness and Physical Activity in Ambulatory Youth with Cerebral Palsy.

O'Neil ME, Lennon N, Fragala-Pinkham M, Finnegan AG, Liu YC, Ramakrishnan R, Ayaz H, Diefenbach P, Shewokis PA.

2/23/2021 American Physical Therapy Association, Virtual Combined Sections Meeting. 6-Minute Walk Test and Pedi-CAT Outcomes and Determinants of Mobility for Youth with Cerebral Palsy. Fragala-Pinkham M, Lennon N, Trost SG, O'Neil ME.

2/23/2018 American Physical Therapy Association, Combined Sections Meeting, New Orleans, LA. Clinical Reasoning: Video Games and Virtual Reality in Pediatric Physical Therapy. O'Neil ME, McCoy SW, Hsu LY, Levac D, Deutsch JE

2/17/2017 American Physical Therapy Association, San Antonio, TX. YOU'VE GOT TO MOVE IT! Applications of Technology for Physical Activity. Duff S, Harris G, Saavedra S, Christy J, Bjornson K, O'Neil ME.

2//18/2016 American Physical Therapy Association. Combined Sections Meeting, Anaheim, CA. Active video gaming to promote physical activity in ambulatory youth with cerebral palsy. O'Neil ME, Fragala-Pinkham M, Lennon N, Trost, SG.

11/07/2015 Mid-Atlantic Regional Conference – American College of Sports Medicine (MARC-ACSM), Harrisburg, PA. Active video gaming to promote physical activity in youth who are obese. Hawkins J, O'Neil ME.

5/02/2015 World Confederation for Physical Therapy (WCPT). Singapore. An International Survey of Pediatric Physical Therapist Researchers: Assessing Qualifications, Resources and Needs Among Pediatric Physical Therapist Researchers. International Organization of Physical Therapists in Pediatrics (IOPTP) Research Committee, Survey Task Force. O'Neil ME, Shields N, O'Malley G, Øberg GK, Van Sant A

3/18/2015 Gait and Clinical Movement Analysis Society. Portland Oregon. O2 Cost and Walking Speed in Youth with Cerebral Palsy. Lennon N, Fragala-Pinkham M, Church C, O'Neil ME, Miller F.

2//05/2015 American Physical Therapy Association. Combined Sections Meeting, Indianapolis, IN. Reliability & validity of objective measures of physical activity in youth with cerebral palsy. O'Neil M, Fragala-Pinkham M, Lennon N, Trost, SG.

2//05/2015 American Physical Therapy Association. Combined Sections Meeting, Indianapolis, IN. Is gait efficiency stable during self-selected slow, brisk, and fast walking in youth with cerebral palsy? Lennon N, Fragala-Pinkham M, O'Neil ME.

11/05/2014 15th Annual Healthcare Interdisciplinary Research Conference, School of Nursing and Midwifery, Trinity College, Dublin, IRE. Findings from community-based research: Building health promotion and prevention programs for persons with disabilities. Fisher K, O'Neil ME.

9/12/2014 American Academy for Cerebral Palsy and Developmental Medicine. San Diego, CA. Validity of the OMNI-Rate of Perceived Exertion scale for youth with CP. Fragala-Pinkham MA, O'Neil ME, Lennon N, Trost S.

6/13/2014 American Physical Therapy Association. NEXT Conference. Charlotte, NC. Health Promotion in Pediatric PT: Expanding Practice Opportunities. O'Neil ME (Part of the larger panel: Health Promotion in PT: Successes and Challenges in Building an Evidence-Informed Health Focused PT Practice. White N, Morris D, Kemmis K, Eisenhart M, Resnick C.)

6/12/2014 American Physical Therapy Association. NEXT Conference. Charlotte, NC. NEXT for Pediatric PT: New Roles. Chapman S, Nixon-Cave K, O'Neil, ME.

2/05/2014 American Physical Therapy Association, Combined Sections Meeting, Las Vegas, NV. Physical therapists' roles in the management of childhood obesity: Measuring physical activity and fitness. O'Neil ME, Smith S, Shewokis P, Fragala-Pinkham M, Trost S.

2/05/2014 American Physical Therapy Association. Combined Sections Meeting, Las Vegas, NV. Section on Pediatrics Research Forum: Outcomes to promote effective pediatric practice. Law M, Gannotti, M, Bailes, A, Bjornson K, Beuttler, M, Prosser L, O'Neil ME.

11/06/2013 14th Annual Healthcare Interdisciplinary Research Conference, School of Nursing and Midwifery, Trinity College, Dublin, IRE. Overweight and obesity in individuals with intellectual and developmental disabilities: A community-based participatory action research study. Fisher K, Hardie T, O'Neil ME, Ventura A, Sockolow P, Miller M, Loomis F, Polek C, Shulkusky E, Gregoire M.

11/05/2013 American Public Health Association National Conference, Boston, MA. Yoga for pre-school

children in Head Start Programs: Promoting motor and social skill development. O'Neil ME, Benedetto M, Ideishi R, Ideishi S.

11/04/2013 American Public Health Association Conference, Boston, MA. Measuring physical activity in youth with CP. O'Neil ME, Fragala-Pinkham M, Forman J, Lennon N, George A, Trost S.

10/18/2013 American Academy of Cerebral Palsy and Developmental Medicine Annual Conference, Milwaukee, WI. Measuring physical activity in youth with CP using accelerometers. Fragala-Pinkham M, O'Neil ME, Forman J, Lennon N, George A, Trost S.

6/28/2013 American Physical Therapy Association. NEXT Conference, Salt Lake City, UT. Innovation: Pediatric Physical Therapy. Chapman S, Nixon-Cave K, O'Neil ME, Oddo C.

6/28/2013 American Physical Therapy Association. NEXT Conference, Salt Lake City, UT. Innovation: Prevention, Health Promotion, Fitness and Disease Management. Eisenhart M, Gamboa JM, O'Neil ME, Resnik C.

6/18/2013 International Conference of Activity Monitors and Physical Activity Measures (ICAMPAM), University of Massachusetts, Amherst, MA. Reliability and Validity of Accelerometry to Measure Physical Activity in Youth with Cerebral Palsy. O'Neil ME, Fragala-Pinkham M, Forman J, Lennon N, George A, Trost S.

4/25/2013 American Occupational Therapy Association National Conference, San Diego, CA. Soto, M., Reiter, A., Chiarello, L., Ideishi, S.K., Benedetto, M., O'Neil ME., & Ideishi, R. I. Social-emotional impact of an inclusive preschool yoga.

1/21/2013 American Physical Therapy Association, Combined Sections Meeting, San Diego, CA. Pre-Conference Course: Active Ingredients" in PT for Persons with CP: Intensity & Outcome Measures. O'Neil M, Bjornson KF, Lennon N, Thorpe D.

10/30/2012 American Public Health Association Conference, San Francisco, CA. Child Health Project: Promoting health behavior change in the management of childhood obesity in primary care. O'Neil ME, Shewokis PA, Smith S, DeLago, CW, Costigan T.

9/14/2012 The Council for the Advancement of Nursing Science's 2012 State of the Science Congress on Nursing Research. Washington, DC. Community Based Participatory Research: To Address Unhealthy Weight in Individuals with Developmental Disability. Fisher K., Hardie T., O'Neil ME., Ventura A., Miller M., Polek C., Gregorie M., Shulkusky, E., Loomis F. & Hoagey M.

2/11/2012 American Physical Therapy Association, Combined Sections Meeting, Chicago, IL. Measuring physical activity & fitness in persons with cerebral palsy: Lifespan approaches for physical therapy. O'Neil ME, Fragala-Pinkham M, Bjornson K, Thorpe D, Lennon N.

11/02/2011 American Public Health Association, Washington DC. Child, family and community factors associated with physical activity and nutrition in children with special health care needs. McSloy K, Abdalla D, O'Neil M, Turchi R, Kondrad M.

10/15/2011 Pennsylvania Physical Therapy Association, King of Prussia, PA. Factors influencing physical activity in children with special health care needs. Abdalla D, McSloy K, O'Neil M, Turchi R, Kondrad M.

6/21/2011 World Confederation for Physical Therapy (WCPT), Amsterdam, the Netherlands. Fit-Active-Habits: Measuring fitness and physical activity in cerebral palsy. O'Neil ME, Bjornson K, Boyd RN, Dallmeijer AJ, Thorpe D.

6/21/2011 World Confederation of Physical Therapy. Amsterdam, the Netherlands. Determinants of Family Needs of Parents of Children and Youth with CP. Almasri N, Palisano R, Dunst C, Chiarello L, O'Neil ME.

6/21/2011 World Confederation for Physical Therapy (WCPT), Amsterdam, the Netherlands. A Multidisciplinary Survey of Knowledge, Attitudes, and Behaviors regarding Treatment of the Female Athlete Triad. Pantano K, O'Neil ME.

4/2011 The *Fifth Annual Scientific Day of Rehabilitation Science Faculty*. *Amman, Jordan.* Almasri N, Palisano R, Dunst C, Chiarello L, O'Neil ME, Polansky M. Family Needs of Parents of Children and Youth with Cerebral Palsy.

2/10/2011 American Physical Therapy Association, Combined Sections Meeting, New Orleans, LA. Healthy People 2020: Physical Therapist Roles in Health and Wellness across the Life Stages. Sullivan K, Jette A, Jensen G, O'Neil ME. Multi-Section Program.

2/19/2010 American Physical Therapy Association Combined Sections Meeting, San Diego,

CA. Group Aquatic Exercise Program for Children with Autism Spectrum Disorders: A Pilot Study. Fragala-Pinkham MA, Haley SM, O'Neil ME.

10/2009 American Congress of Rehabilitation Medicine Annual Meeting (ACRM). Denver, CO. Almasri N, Palisano R, Dunst C, Chiarello L, O'Neil ME, Polansky M. Determinants of Needs of Families of Children and Youth with Cerebral Palsy.

2/10//2009 American Physical Therapy Association Combined Sections Meeting, Las Vegas, NV. Fitness, function and participation in children and youth with disabilities: Translation of research to practice. O'Neil ME, Bjornson KF, Fragala-Pinkham MA, Thorpe DE.

Professional Meetings - Poster Presentations (Peer Reviewed)

02/16/2024 APTA, Combined Sections Meeting. Capacity Building in Pakistan's Rehabilitation Services: Evaluation of a Pediatric Physical Therapy Residency Program. Habib ZH, Shabbir S, Omema Z, O'Neil ME.

11/11/2023* APTA, Massachusetts Chapter Annual State Conference, Norwood, MA. Pediatric physical therapists' perspectives on using active video games for ambulatory youth with cerebral palsy. O'Neil ME, **O'Neil ME.** Wojciechowicz, Fragala-Pinkham M Ramakrishnan A, Shewokis PA* *[won best research poster award at the conference]*

2/24/2023 American Physical Therapy Association, Combined Sections Meeting. *Virtual reality to promote fitness in ambulatory youth with cerebral palsy: A case series* (Poster). Rosen J, Rizzolo R, Lefkowitz J, Mueller I, Nicholas J, Reda C, Chheda A, Bennett M, Feiner S, O'Neil ME. San Diego, CA. **[won best research technology poster award at the conference]*

2/24/2023 American Physical Therapy Association. Combined Sections Meeting. *Telerehabilitation home exercise program for adults with cerebral palsy: A case series* (Poster). Byrnes J, Russo JE, Winterbottom L, DeMartini N, Shatsky N, Spinner M, Bellisimo E, Kim H, Gannotti ME, O'Neil ME. San Diego, CA.

10/21/2021 Guideline International Network (GIN) Virtual Conference. Consumer priorities for a physical therapy CPG to improve mobility for ambulatory children with cerebral palsy. Greve K, O'Neil M, Fragala-Pinkham M, Brennan E, Johnson C, Tombeno R, Kaplan SL, Hedgecock JB.

10/08/2021 American Academy for Cerebral Palsy and Developmental Medicine, Virtual Conference. Measuring physical activity in non-ambulatory children with cerebral palsy. (Demonstration Poster). Mensah N. O'Neil ME, Quinn L.

11/02/2020 American Physical Therapy Association, Academy of Pediatric Physical Therapy Annual Virtual Conference. Evidence to support physical therapy management of childhood obesity and the pediatric obesity syndrome: A scoping review. Branton JM, Wrotniak BH, O'Neil ME.

04/10/2021 World Physiotherapy Congress (WCPT). Virtual Conference. Focused Seminar: Global Partnerships to promote physical activity and participation. O'Neil ME, Bloemen M, Liao HF, Yokoyama M.

9/24/2020 American Academy for Cerebral Palsy and Developmental Medicine, Virtual Conference. An Integrated Collaborative Model to Promote Shared Decision Making in the Clinical Management of Cerebral Palsy. Jezequel J, Selber P, Gannotti M, Frumberg D, Liquori B, O'Neil ME.

2/15/2020 American Physical Therapy Association, Combined Sections Meeting, Denver, CO. Promoting parent-provider partnerships in the clinical management of cerebral palsy (CP): Shared decision making and The Phases of Grief Framework. O'Neil ME, Jezequel J, Gannotti M, Frumberg D, Liquori B, Selber P.

9/20/2019 American Academy for Cerebral Palsy and Developmental Medicine, Anaheim, CA. Physical Activity Level and Aerobic Demand during Active Video Game Play in Ambulatory Youth with Cerebral Palsy. O'Neil ME, Lennon N, Fragala-Pinkham M, Landis C, Finnegan AG, Liu Y, Ramakrishnan A, Ayaz H, Diefenbach PJ, Shewokis PA.

9/20/2019 American Academy for Cerebral Palsy and Developmental Medicine, Anaheim, CA. Measuring Physical Activity During Functional Tasks in Ambulatory Youth with Cerebral Palsy. O'Neil ME, Dagan, M, Mensinger J, Chopski SG, Wojciechowicz C, Feehan K, Turchi R.

1/23/2019 American Physical Therapy Association, Combined Sections Meeting, Washington DC. Measuring Physical Activity Intensity in Youth with Cerebral Palsy who are Ambulatory: Considerations for 'Dosing' Physical Therapy Interventions. O'Neil ME, Dagan M, Chopski S,

Mayer A, Lint S, Jurcik D, Brody M, Betta J, Goetschius C, Kondrad M, Feehan K, Turchi R.

11/09/2018 American Physical Therapy Association, Academy of Pediatric Physical Therapy Annual Conference. Chattanooga, TN. Factors Associated with Physical Activity & Childhood Obesity: Considerations for Physical Therapy Interventions. Brossman H, O'Neil ME.

6/22/2018 St. Christopher's Hospital Research Day, Philadelphia, PA. Measuring Physical Activity Intensity in Youth with Cerebral Palsy who are Ambulatory: Considerations for 'Dosing' Physical Therapy Interventions. O'Neil ME, Chopski S, Dagan M, Mayer A, Lint S, Jurcik D, Brody M, Betta J, Goetschius C, Kondrad M, Feehan K, Turchi R.

2/22/2018 American Physical Therapy Association, Combined Sections Meeting, New Orleans, LA. Customized Active Video Games for Youth with Cerebral Palsy: Parent and Youth Perspectives. O'Neil ME, Shewokis, PA, Lennon, N, Finnegan AG, Gray R, Diefenbach PJ.

11/17/2017 American Physical Therapy Association, Academy of Pediatric Physical Therapy, Annual Conference, Cincinnati, OH. Activity Preferences and Behaviors in Children who are Obese. Brossman H, O'Neil ME.

9/13/2017 American Academy for Cerebral Palsy and Developmental Medicine, Montreal Quebec, CA. Is Oxygen Cost Stable Across Three Self-Selected Walking Speeds in Ambulant Youth with CP at GMFCS Levels I, II and III? O'Neil M, Lennon N, Fragala-Pinkham M, Trost SG.

7/17/2016 American Physical Therapy Association. IV Step. Columbus, OH. Active video games to promote physical activity in ambulatory youth with CP. O'Neil, Fragala-Pinkham, Lennon, Trost.

06/01/2016 International Conference on Cerebral Palsy and other Childhood-onset Disabilities. Stockholm, Sweden. enAble Games: Designing active video games to promote fitness and physical activity in youth with cerebral palsy. O'Neil ME, Shewokis PA, Ayaz H, Gray RC, Diefenbach PJ.

11/06/2015 MARC-ACSM, Harrisburg, PA. The relationship between lower extremity functional strength and aerobic capacity in youth with cerebral palsy. Mendonca CJ, Hawkins JL, Smith SA, O'Neil ME.

11/05/2014 The Obesity Society, Boston, MA. Measuring child health behaviors and health perceptions in primary care: Informing management of childhood obesity. Hawkins J, O'Neil ME.

5/04/2015 World Confederation for Physical Therapy (WCPT). Singapore. An International Survey of pediatric physical therapist researchers: Assessing qualifications, resources and needs among pediatric physical therapist researchers. O'Neil ME, Shields N, O'Malley G, Oberg GK, Van Sant AF.

10/24/2014 Mobile Health in Rehabilitation Conference; Boston Rehabilitation Outcomes Center (ROC), Boston, MA. Reliability and validity of portable accelerometry in youth with cerebral palsy. O'Neil ME, Lennon N, Fragala-Pinkham MA, Forman J, Trost S.

2/06/2014 American Physical Therapy Association, Combined Sections Meeting, Las Vegas, NV. Intensity of physical activity for youth with cerebral palsy when participating in daily activities. Lennon N, George A, Fragala-Pinkham M, O'Neil ME, Miller F.

2/06/2014 American Physical Therapy Association, Las Vegas, NV. Yoga for pre-school children in Head Start Programs: Promoting motor and social skill development. Benedetto M, O'Neil ME, Ideishi R, Ideishi S.

2/06/2014 American Physical Therapy Association Combined Sections Meeting, Las Vegas, NV. Teacher and therapist perceptions of yoga for pre-school children in Head Start Programs to promote motor and social skill development. Benedetto M, O'Neil ME, Ideishi R, Ideishi S.

11/03/2013 American Public Health Association, National Conference, Boston, MA. Health status and health utilization of adults with intellectual disability utilizing community residential services. Shulkusky E, Fisher K, Hardie T, O'Neil ME, Miller M, Sockolow P, Polek C.

4/18/2013 Drexel University Research Day. Feasibility of an interdisciplinary program for pre-school aged children. Benedetto M, O'Neil ME, Ideishi R, Ideishi S.

4/18/2013 Drexel University Research Day. KOLLECT: Remotely monitored Kinect based gaming for children with cerebral palsy. Diefenbach PJ, Gross K, Balakrishnan G (COMAD), Day T, (Engineering), O'Neil ME, Shewokis P, (CNHP),Ayaz H (BIOMED).

4/18/2013 Drexel University Research Day. Visualizing geospatial healthcare data to improve knowledge search and discovery. Thaker K, Rogers M, (iSchool); Laurer B, (DUCOM) O'Neil ME, (CNHP) Turchi R,(SPH) Sockolow P. (CNHP)

1/22/2013 American Physical Therapy Association, Combined Sections Meeting, San Diego, CA.

Feasibility of an interdisciplinary program for pre-school aged children. Benedetto M, O'Neil ME, Ideishi R, Ideishi S.

10/30/2012 American Public Health Association, San Francisco, CA. Child Health Project: Promoting health behavior change in the management of childhood obesity in primary care. O'Neil ME, Shewokis PA, Smith S, DeLago CW, Costigan T.

2/11/2012 American Physical Therapy Association, Combined Sections Meeting, Chicago, IL. Measuring physical activity in school-aged children with cerebral palsy: A pilot study. O'Neil ME, Fragala-Pinkham M, Forman J, Canella M, Trost S.

9/26/2011 Pennsylvania Public Health Association, Philadelphia, PA. Factors influencing physical activity and eating habits in children with special health care needs. McSloy K, O'Neil ME, Turchi R, Abdalla D, Kondrad M.

2/10/2011 American Physical Therapy Association, Combined Sections Meeting, New Orleans, LA. Measurement Validity of Protocols which Test Aerobic Capacity in Adolescents and Adults with Cerebral Palsy. Lennon N, Thorpe D, Dallmeijer AJ, Fragala-Pinkham MA, O'Neil ME, Bjornson K, Boyd R.

11/09/2010 American Public Health Association, Denver, CO. Identifying unique profiles of family needs: Perspectives of parents of children and youth with cerebral palsy. Almarsi N, O'Neil ME, Palisano RJ, Dunst C, Chiarello L, Polansky M.

9/23/2010 American Academy for Cerebral Palsy and Developmental Medicine. Washington, DC. A systematic review of the clinimetric properties of measures of aerobic and anaerobic fitness in adolescents and adults with CP. Lennon N, Thorpe D, Fragala-Pinkham MA, O'Neil, ME, Bjornson K, Clanchy K, Boyd RN.

9/23/2010 American Academy for Cerebral Palsy and Developmental Medicine. Washington, DC. Systematic review of the clinimetric properties of laboratory and field-based measures of aerobic and anaerobic fitness in ambulant children with CP. Balemans, AC, Fragala-Pinkham MA, Lennon N, Thorpe D, Boyd RN, O'Neil, ME, Bjornson K, Becher JG, Dallmeijer AJ.

6/12/2012 American Physical Therapy Association, Annual Conference. Profiles of needs of families of children and youth with cerebral palsy. Almarsi N, Palisano R, Dunst C, Chiarello L, O'Neil ME, Polansky M.

5/28/2010 European Academy of Childhood Disability (EACD), Brussels, Belgium. Systematic review of the clinimetric properties of laboratory and field-based measures of aerobic and anaerobic fitness in ambulant children with cerebral palsy. Balemans, AC, Fragala-Pinkham MA, Lennon N, Thorpe D, Boyd RN, O'Neil, ME, Bjornson K, Becher JG, Dallmeijer AJ.

4/10/2010 International Council on Women's Health Issues. Philadephia, PA. Public health for mothers and their preterm infants who live in urban, socio-economically disadvantaged neighborhoods – Is it broken? Bloch JR, O'Neil ME, Tubbs C, Davis, RK, Breaux R, Turchi R, Bartle N.

2/18/2010 American Physical Therapy Association Combined Sections Meeting, San Diego, CA. Determinants of Family Needs of Parents of Children and Youth with Cerebral Palsy. Almasri N, Palisano RJ, Dunst C, Chiarello LA, O'Neil ME, Polansky M.

10/2009 American Congress of Rehabilitation Medicine Annual Meeting (ACRM). Denver, CO. Almasri N, Palisano R, Dunst C, Chiarello L, O'Neil M, Polansky M. Determinants of Needs of Families of Children and Youth with Cerebral Palsy.

Selected Invited Presentations (Non-Peer Reviewed)

10/01/2023 APTA Pediatrics. Advanced Clinical Practice. *Fitness for children with Disabilities*. Minneapolis, MN.

- I was a faculty member for this APTA workshop and presented on this topic from 2012 – 2023 (excluding 2014 or 2020); the workshop was suspended after 2023 by APTA Pediatrics until further notice)

9/17-18/2022 Arkansas PT Association oPTimize Function: Keynote speaker. Two presentations: 1) 9/17- Pediatric PT: Roles in Health Promotion, Fitness, Wellness and Prevention & 2) Pediatric PT: Fitness, Physical Activity, Functional Mobility and Participation in Youth with Disabilities

7/29/2022 APTA, Academy of Pediatrics. Innovations in School-Based Practice Conference. *School-based PT: Promoting Activity, Function & Fitness.* Charleston, SC.

11/16/2021 Nemours Children's Health System Cerebral Palsy Conference for Pediatric Physical Therapists. Wilmington DE (virtual conference). *Virtual gaming as a therapeutic modality for youth with cerebral palsy: Progress and opportunities*. O'Neil ME

American Physical Therapy Association, Academy of Pediatric Physical Therapy, Innovations in school-based physical therapy practice. Annual Conference. Dallas, TX. *School-based physical activity for students therapy: Promoting Activity, Function and Fitness*. O'Neil ME

8/18/2020 American Physical Therapy Association, Academy of Pediatric Physical Therapy, Research Committee Grants Webinar Panel Presenter: *Anatomy of a Research Grant.* O'Neil ME.

7/08/2020 Columbia University Irving Medical Center. Programs in Physical Therapy. Research Seminar Speaker. *Tele-rehabilitation Home Exercise Program to Promote Fitness and Functional Mobility in Ambulatory Adults with Cerebral Palsy: A Feasibility Study*. O'Neil ME

5/06/2020 Columbia University Irving Medical Center. Weinberg Family Cerebral Palsy Center. Cerebral Palsy: Bridging the Gap from Hospital to Community Webinar. Panel Presenter: *Dosing Physical Therapy for Patients with CP during the Post-Operative Phase*. O'Neil ME.

10/19/2019 American Physical Therapy Association, New Jersey Fall Conference, Edison, NJ. *Promoting Physical Activity and Fitness in Children with CP Palsy and Children who are Overweight or Obese.* O'Neil ME.

7/14/2017 American Physical Therapy Association. Annual Conference on Innovations in School-Based Practice, Washington DC. *Fitness Interventions for Students with Disabilities*. O'Neil ME

10/21/2016 Montana Physical Therapy Association Annual Conference. Kallspell, MT. *Functional Strengthening and Fitness Interventions for Children.* O'Neil ME, Fragala-Pinkham M.

10/12/2013 Symposium: PT Roles in the management of Childhood Obesity. Emory University, Atlanta, GA. Invited speaker and panel member for this two-day symposium that will address clinical practice, research and education for physical therapists. O'Neil ME

6/28/2013 American Physical Therapy Association. Annual Conference, Salt Lake City, UT. Invited member of two Innovative Practice Session Panels: *Innovations in Practice: Pediatric Physical Therapy and Innovations in Practice: Prevention, Health Promotion, Fitness and Disease Management*. O'Neil ME

3/04/2013 Boston ROC Research Symposium, Boston University, Boston MA. *Preliminary analysis: Reliability and validity of accelerometry to measure physical activity in youth with CP.* O'Neil, ME, Fragala-Pinkham, M.

11/13/2012 Nemours duPont Hospital for Children. Research Gait Lab, Wilmington, DE.*Preliminary analysis: Reliability and validity of accelerometry to measure physical activity in youth with cerebral palsy*. Markiewitz R, Thomas J, Lennon N, George A, Fragala-Pinkham M, O'Neil, ME

9/20/2012 Philadelphia Department of Public Health, Department of Maternal, Child and Family Health, Division of Children with Special Health Care Needs. *Drexel-YMCA WAVES Program (Water Activities and Vigorous Exercises for Special Populations) for children on with autism spectrum disorder.* Leupold J, O'Neil ME, Martin E, Halter A.

7/24/2011 Philadelphia Department of Public Health, Department of Maternal, Child and Family Health, Division of Children with Special Health Care Needs. *Child, family and community factors associated with physical activity and nutrition in children with special health care needs*. McSloy K, Abdalla D, O'Neil ME, Turchi R, Kondrad M.

4/28/2010 Drexel University, School of Public Health, Community Health and Prevention Education Forum. *Health Promotion, Physical Activity & Fitness in Children and Families: Lessons learned from the Community*. O'Neil, ME

9/17/2008 American Academy for Cerebral Palsy and Developmental Medicine. Annual Conference, Scottsdale, AZ. *Making a difference: Fitness and adapted physical activity for youth with cerebral palsy.* Rimmer JH, Kolaski K, Morgan D, Fowler E, Hurvitz E, Thorpe D, Fragala-Pinkham MA, O'Neil ME.

D. INSTRUCTION RELATED ACTIVITY

1. Teaching (Courses taught, number of years, undergraduate-graduate levels, etc.)

Graduate Level Courses

University of Massachusetts, Lowell – DPT program

Spring 2024	DPT – Neuro II	Guest lab lecturer – Spinal Cord Injury (SCI) Module – Pediatric SCI management (3 lab sections – guest lecture for Dr. Moriarty--Baron)
Spring 2024	DPTH 6430.101	Evidence Directed Care
Fall 2023	DPTH 6310.101	Pediatric Physical Therapy Lecture
	DPTH 6330.801	Pediatric Physical Therapy Lab (2 lab sections)
Fall 2023	EXER 4210-212	Undergraduate Honors College Directed Studies (IS) – 1 student (3 cr)
Spring 2023	DPTH 6430.101	Evidence Directed Care
Fall 2022	Public Health –	Measuring Physical Activity (guest lecture for Dr. Noel)
Fall 2022	DPTH 6310.101	Pediatric Physical Therapy Lecture
	DPTH 6330.801	Pediatric Physical Therapy Lab

Columbia University Medical Center, NY, NY – DPT program

PHYT M8855	Research Practicum III (taught 4 years)
PHYT M8854	Research Practicum I (taught 4 years)
PHYT M9035	Advanced Seminar in Pediatrics (co-taught 2 years)
PHYT M8853	Research Practicum II (taught 4 years)
PHYT M8630	PT Management of Pediatric Conditions (co-taught 3 years)
PHYT M8217	Professional Leadership & Practice IV (co-taught 4 years)

Columbia University Medical Center, NY, NY – EdD program

PHTY M9801	Foundations in Movement Science Research I (co-taught 2021-inaugural year)

Drexel University – DPT program

PTRS 654: Health Services & Health Policy - (created & taught for 14 years)
PTRS 605: Pediatric PT (co-instructed - lab & lecture) - (taught for 12 years)
PTRS 627: DPT Professional Projects I (lecturer/mentor) - (taught for 12 years)
PTRS 647: DPT Professional Projects II (lecture/mentor) - (taught for 12 years)
PTRS 751: Evidence Based Practice - (lecturer) - (taught for 5 years)
PTRS 752: Research & Measurement in PT –(lecturer) - (taught for 10 years)
PTRS 635: Clinical Professional Issues (3 years)

Drexel University – PhD program

RHAB 823: Research Practicum: Dissertation Proposals (lecturer/advisor) (taught for 6 years) GMAP T480/DIGM T680: Games for Health (CS) - (guest lecturer) (taught for 4 years)
PTRS 820: Independent Study: (various topics) - (lecturer/advisor) (taught for 7 years)
PTRS 720: Teaching Practicum III – (lecturer/advisor) – (taught for 7 years)
RHAB 814 Research Designs in Rehabilitation – (lecturer) – (taught for 7 years)
PTRS 820: Research Practicum – (lecturer/advisor) – (taught for 7 years)

Drexel University – DHSc program

NHP 766: Health Promotion, Fitness and Wellness - (created and taught for 5 years)
NHP 822: Teaching Practicum II - (taught for 3 years)
NHP 818: Scholarship Question Development – (taught for 2 years)
RSCH 823: Research Practicum – (taught for 2 years)

Drexel University – pediatric certificate program

PTRS 760: Pediatric Clinical Decision Making - (taught for 5 years)
PTRS 740: Issues & Topics in Pediatric PT - (created and taught for 5 years)

PT 716: Topics in Administration & Management in Rehab (created and taught for 5 years)

Drexel University – Graduate Research Courses in College of Nursing and Health Professions
PA 524: Survey Research & Quasi-Experimental Design (lecturer for 3 years)
RSCH 501: Epidemiologic Observational Studies & Survey Research (lecturer for 3 years)
RSCH 513: Survey Research & Quasi-Experimental Design (lecturer for 3 years)

Drexel University – School of Public Health (MPH program)
Block V: Community Health Assessment (PBL format – 2 years)
Block VI: Health Administration (PBL format – 2 years)
Community-based master's projects (CBMPs) - preceptor for MPH student (5 years)
PBHL 600: Management, Leadership. Assurance & Health Services (course instructor-3 years)

2. Other Activity and Accomplishments Related to the Instructional Function
University of Massachusetts, Lowell, MA

Collaboration with Boston Children's Hospital (BCH), Department of Occupational and Physical Therapy
2023 – Established a collaboration with BCH clinical educators to create an Integrated Clinical Education (ICE) experience for DPT students in the Pediatric PT LAB course to attend a session at BCH
- DPT students completed a Reflection & Rating Worksheet created to get student feedback on the ICE
- Those data were used to prepare and submit an abstract on a preliminary program evaluation of the ICE collaboration between BCH and UML. The abstract was accepted for presentation at the APTA Pediatrics Annual Conference (APPTAC) in November 2024

2022 – Established an MOU with BCH for research partnership with the Cerebral Palsy Clinic
- This MOU allowed me to work with DPT clinicians at BCH to write grants and recruit from the CP clinic.

Collaboration with Northeast Rehabilitation (NER) – pediatric clinics in Lowell MA
2024 - Established a collaboration with NER clinical educators to create an additional Integrated Clinical Education (ICE) experience for DPT students in the Pediatric PT LAB course to attend a session at NER
- DPT students will complete a Reflection & Rating Worksheet for feedback on the ICE experience
- Those data may be used for another abstract on a program evaluation for a two-site ICE experience for DPT students in UMLs Pediatric PT Course (BCH & NER).

Mentorship and Advising
University of Massachusetts, Lowell, MA

2022 – pres Undergraduate Exercise Science Program - student advisor for course selection and schedule and for professional and graduate school considerations (18 students per academic year – up to 20-24 students)

2022 – pres DPT Graduate Program – informal mentor and advisor to DPT students for professional development to promote skills to secure PT jobs in pediatric clinics.

2023 - 2024 Mentored DPT student group from my Evidence Directed Care (EDC) class –
- Group revised and submitted a class assignment (poster presentation) to the APTA MA conference and were accepted to present
- Project title: Postpartum pelvic floor dysfunction education and the impact on quality of life for postpartum women. Dillon A, Jones M, Pope R, Francis J, McNamara A, Stanwicks A. APTA MA, October 2023

2023 – pres Undergraduate Honors College – advisor to student honors project (3 cr course – Fall 2023)
- Project title: Activity based interventions and outcomes in youth with complex regional pain syndrome: A Scoping Review
- Spring 2024 – mentored student in abstract preparation and submission which was accepted for presentation at APPTAC 2024.
- Project title: Interprofessional interventions to decrease musculoskeletal impairments and pain and increase physical activity in youth with complex regional pain syndrome. McElhinney O, Lewis E, Damice B, DeFabio R, O'Neil M.

2024 Junior DPT clinician from Boston Children's Hospital and collaborator for the UML DPT student Pediatric Course ICE experience
- Mentored her in preparation and submission of an abstract which was accepted for presentation at APPTAC 2024.
- Project title: DPT student perspectives on a pediatric integrated clinical education (ICE) experience Fokin K, O'Neil M.

2024 – pres Undergraduate Honors College – advisor to student honors project (3 cr course – Fall 2023)
- Project title: Ccustom virtual reality to promote physical activity in youth with cerebral palsy.

2024 – pres DPT clinicians from Northeast Rehab (PT, OT, SLP)
- Mentoring a panel of interprofessional rehab clinicians (PT, OT, SLP) to create and deliver a lecture in the UML Pediatric PT Course in Fall 2024. This will be an interprofessional education (IPE) experience for the students to be exposed to several complex patient cases and learn about the roles of each rehab professional in patient management and family centered care. These clinicians are helping with our DPT ICE experiences and are interested in learning how to present these cases. I will mentor them in the process.

Columbia University

2018-2022 DPT student mentorship and advising – mentored 16 DPT students across several capstone projects: 1) VR to promote physical activity in youth with CP; 2) Tele-rehab for home exercise programs for adults with CP; 3) scoping review on PT roles in childhood obesity; 4) administration and management of APTA Clinical Practice Guideline for CP.

2019-2024 EdD and PhD programs - Dissertation committee member for 2 graduate students

2018-2021 Clinical teaching faculty - mentored junior faculty on scholarship and research skills

Drexel University

2010 – 2016 DPT student mentorship and advising – mentored over 50 DPT students on capstone projects (community-based research activities for pediatric PT, health promotion and increasing physical activity)

2005 - 2016 PhD & DSc post professional students – advised and/or was a dissertation committee member for nine post-professional students for theses, dissertations and/or research projects

2007-2019 MHS – mentored 4 PT students to complete their MHS research projects

2006-2010 MS program – mentored 3 MS students from the medical school prep track for health-related research projects

2005 -2015 Other programs – mentored and/or served as committee member for: 1) 5 MPH students on community-based masters projects (CBMP); 2) 2 nursing students (MS, PhD) for thesis or dissertation; 3) and one physician assistant student.

2005-2010 Clinical teaching faculty – mentored 4 DPT faculty on scholarship activities leading to conference presentations and publications.

International Advising/Mentorship

2010-2018 PhD dissertation committee member – for 4 international PT students from universities in Australia and the Netherlands.

E. SERVICE ACTIVITIES

1. Community Activities Related to Professional Field

- I am an active member of the APTA MA and mentor DPT students to engage them in activities in the state chapter.
- I am a member of the Maternal and Child (MCH) Task Force at the Greater Lowell Health Alliance through collaboration with UML nursing faculty researchers.

2. Committee Activities (Indicate if department, college, or university level).

- Department
  - I am a member of our faculty curriculum committee and research activities.

- I am a member of the search committee for the PTK chair position.
- College
  - I am a member of the College Research Committee to design and propose an MS and PhD program in our department.
  - I am a member of the Health Assessment Lab (HAL) at the college level.
    - I have lab space (RV 159) at HAL where I conduct research and development with an interprofessional team (Computer Science, PTK) to develop and test VR and haptic technologic interventions to promote functional mobility in youth with cerebral palsy.
- University
  - 2023 - I am one of our college ambassadors (for the PTK department) in the ADVANCE Office for Faculty Equity & Resilience (OFER).
    - In this role, I act as a liaison between our faculty and OFER to ensure our faculty have their concerns identified and attended to.

3. Continuing Education Experiences

1) APTA Academy for Pediatrics Course – Social Determinants of Health in Pediatrics, Summer, 2023
2) Future of PT Summit Course, July 21, 2023
3) APTA Conference – Annual attendance, select courses to earn CEUs for licensure (approx. 16 contact hours per conference)
4) Research Statistics Course - "R" programming – Fall 2020 & 2021.
5) American Academy of Cerebral Palsy and Developmental Medicine (AACPDM) – attend annual conferences every 1-2 years for professional education courses.
6) American Public Health Association (APHA) - conferences every 3-4 years for professional education
7) APTA, Pediatric Academy, Advanced Clinical Practice, Memphis, TN Sept. 18-20, 2015. (2.0 CEUs)
8) Pennsylvania PTA, Ethical Conduct in Physical Therapy. Sept. 20, 2014. (2.0 CEUs/4 contract hours)
9) Drexel University, Department of Physical Therapy and Rehabilitation Sciences, Faculty Development Workshop. The Feedback Session. Linda Dayer-Berenson, MSN, CRNP, CNE (Nursing), Sherry Goodill PhD, BC-DMT, NCC, LPC (Creative Arts Therapy), Sarah Wenger, PT, DPT, OCS (Physical Therapy and Rehabilitation Sciences. September 29, 2010 [1.75 continuing education contact hours]
10) Standardized Tests & Measures in Pediatrics: Selection, Interpretation, and Application to Decision Making & Evaluation Outcomes. May 7-8, 2010, Widener University, Chester PA. Sponsored by the PPTA [13.5 Contact Hours; 3.5 hours on Evaluative Procedures]
11) GetReady to Learn: Yoga Therapy in the Classroom. Care Resources, Baltimore, MD. Presented by Anne Buckley-Reen, OTR, RYT. Feb. 26-27, 2010 (1.4 CEUs/14 contact hours)
12) Temple University, Center for Obesity Research and Education (CORE), Research Series. Family Child Care Homes: An Overlooked Setting to Prevent Childhood Obesity. Dr. Stewart Trost. 9/3/2009.
13) Drexel University, Department of Physical Therapy and Rehabilitation Sciences, Faculty Development. Workshop. Remediation, Retention and Progression: Fostering Students' Academic Success. Lisa Allen, PhD, RN. July 29, 2009 (5 continuing education contact hours).
14) Drexel University, Department of Physical Therapy and Rehabilitation Sciences, Faculty Development Workshop. Managing the Millennial Generation: Implications for the Classroom and the Clinic. Peggy Gleason, PT, PhD, May 27, 2009 (5 continuing education units).
15) APTA, Section on Health Policy & Administration. Establishing a culturally competent physical therapy practice: Considering Joint Commission and HHS CLAS Standards. Jill Black Lattanzi, PT, EdD, Sandra Campbell, PT, MBA, Nov. 11, 2008.
16) APTA, Advanced Clinical Practice. Screening for Medical Referral: The Pediatric Client Birth to Six Years. University of South Carolina. September 6-7, 2008. (1.4 CEUs/14 contact hours)
17) Aquatic Swimming & Exercise for Children with Disabilities. Children's Hospital of Philadelphia, PA
    a. Presented by members of the Occupational Therapy Department, Sept. 25, 2011.