

Laura Plummer, PT, DPT, MS, NCS, EdD(c)

Laura Plummer, PT, DPT, MS, NCS, EdD(c)
School of Health and Rehabilitation Sciences, PT Department
MGH Institute of Health Professions

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Education

EdD with concentration in higher education administration, Northeastern University, Boston, MA	2022 (anticipated)
Doctor of Physical Therapy, MGH Institute of Health Professions, Boston, MA	2003
Masters in Physical Therapy with neurology specialization, MGH Institute of Health Professions, Boston, MA	2002
Bachelor of Science, physical therapy, cum laude, University of Vermont, Burlington, VT	1996

Certificates and Licensure

Massachusetts #10801	1996
American Physical Therapy Association Board Specialty in Neurology	2003

Academic Appointments

Assistant Professor, MGH Institute of Health Professions, Boston, MA	2009–present
Adjunct Faculty, MGH Institute of Health Professions, Boston, MA	2008–2009
Laboratory Instructor, MGH Institute of Health Professions, Boston, MA	2004–2009

Clinical Appointments

Physical Therapist, MGH Movement Disorders Clinic, Massachusetts General Hospital, Boston, MA	2018–present
Part time/per diem Physical Therapist, Massachusetts General Hospital, Boston, MA	2003–2017
Physical Therapist, Reading Public School System, Reading, MA	2006–2009
Physical Therapist, Wellesley Public School System, Wellesley, MA	2004–2005
Physical Therapist, Partners Home Care, North Shore, MA	2004–2005
Senior Physical Therapist, Neurology and Pediatric Team, Massachusetts General Hospital, Boston, MA	2000–2003
Staff Physical Therapist, Massachusetts General Hospital, Boston, MA	1997–2000
Physical Therapist, Rehabilitation Hospital of the Cape and Islands, East Sandwich, MA	1996–1997

Administrative Appointments

Interim Chair, PT Department, MGH Institute of Health Professions, Boston, MA	2021–present
Interim Director of Academic Curriculum, PT Department, MGH Institute of Health Professions, Boston, MA	2021

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Director of the IMPACT Practice Center, MGH Institute of Health Professions, Boston, MA	2019–2021
Executive Committee MGH Neurologic Residency, PT Department, Massachusetts General Hospital, Boston, MA	2020–present
Task Force Member, Movement System Task Force, Academy of Neurologic PT	2018–present

Honors and Awards

Award for Advancing Interprofessional Education and Practice (MGH Institute of Health Professions)	2020
Child Development Day Team Award (MGH Institute of Health Professions)	
Teaching Excellence Academy for Learning Award (MGH Institute of Health Professions)	2019
Nancy T. Watts Award for Excellence in Teaching (MGH Institute of Health Professions)	2017
Partners in Excellence Team award for development of IMPACT practice (MGH Institute of Health Professions)	2013
Barbara Adams Fellow (MGH Institute of Health Professions)	2003
Emerging Leader Award (American Physical Therapy Association)	1999
Isola Braun Award (University of Vermont)	1996

Grants

Submitted/Not Funded

Parkinson's Foundation, Community Grant, Laura Plummer (PI)	2021
Interprofessional Parkinson's Wellness Group	
\$12,665	

Submitted/ Pre-Proposal Accepted

Michael J Fox Foundation Grant: Fall 2021 RFA: Promoting Diversity, Equity and Inclusion in Parkinson's Disease Research, Laura Plummer (Paid Collaborator)	2021
Dismantling structural racism and prioritizing justice for people living with Parkinson's Disease.	
Budget not determined–Full proposal due 8/5/2021	

Publications

Peer-reviewed articles

1. **Plummer, L**, Smith, L, Cornforth, E, Gore, S. Teaching Psychomotor Skills in a Virtual Environment: An Educational Case Study. *Education Sciences* (in press).
2. Bluett, B, Pantelyat, AY, Litvan, I, Farwa, A., Apetauerova, D., Bega, D., Bloom, L., Bower, J., Boxer, AL, Dale, ML, Dhall, R, Duquette, A., Fernandez, HH., Fleisher, JE, Grossman, M, Howell, M., Kerwin, DR, Leggwater–Kim, J, Lepage, C, Ljubenkov, PA, Mancini, M, McFarland, NR, Moretti, P, Myrick, E, Patel, P, **Plummer, L**, ... Golbe, L.(2021). Best practices in the clinical management of progressive supranuclear palsy and corticobasal syndrome: A consensus statement of the CurePSP centers of care. *Frontiers of Neurology*, 12. <https://doi.org/10.3389/fneur.2021.694872>

3. Gill–Body, KM, Hedman, LD, **Plummer, L**, Wolf, L, Hanke, T, Quinn. L, Riley, N, Verma, A, Quiben, M. (2021) Movement system diagnoses for balance dysfunction: Recommendations from the Academy of Neurologic Physical Therapy Movement System Task Force. *Phy Ther*. <https://doi.org/10.1093/pti/pzab153> (epub ahead of print)
4. **Plummer, L**, Gross, D, Fuchs, M, Lin, A, Mistano, V, Reidy, P. (2021). Child development day: A collaborative interprofessional experience. *Journal of Interprofessional Education and Practice*, 24, <https://doi.org/10.1016/j.xjep.2021.100426>.
5. **Plummer, L**, Kaygisiz, B, Kuehner, C, Gore, S, Mercurio, R, Chatiwala, N, Naidoo, K. (2021). Teaching online during COVID–19 pandemic: A phenomenological study of physical therapist faculty in Brazil, Cyprus and the United States. *Education Sciences*, 11(130), <https://doi.org/10.3390/edusci11030130>
6. Naidoo, K., Clock, C. Rimmel, L., Wong, J., **Plummer, L**. (2020) Navigating without a compass: How culturally and linguistically diverse physical therapist students persist in higher education. *J Best Pract Health Prof Diver*, 13(2). In press (delayed due to COVID)
7. Naidoo, K, **Plummer, L**, Clock CR, Rimmel L. (2020). Leveraging community cultural wealth to bridge the divide between culturally and linguistically diverse learners and physical therapy culture. *J Best Pract Health Prof Divers*, 13(1).
8. Macauley, K., **Plummer, L.**, Bemis, C, Brock, G, Larson, C, Spangler, J. (2018). Prevalence and predictors of anxiety in healthcare professions students. *Health Professions Education*, 4(3), 176–185.
9. Macauley, K, **Plummer, L**. (2017). Prevalence and predictors of anxiety in doctor of physical therapy students. *J Allied Health*, 46(2), e39–e41.
10. **Plummer L**, Sridhar S, Beninato M, Parlman K. (2015). Physical therapist practice in the emergency department observation unit. *Phys Ther*, 95, 249–256.
11. Beninato M, Fernandes A, **Plummer L**. (2014). Minimal clinically important difference of the Functional Gait Assessment in older adults. *Phys Ther*, 94, 1594–1603.
12. Beninato M, Parikh V, **Plummer, L**. (2014). Using the International Classification of Functioning, Disability and Health as a framework for analyzing the Stroke Impact Scale-16 relative to falls. *Physiother Theory Prac*, 30, 149–156.
13. Beninato M, Parikh V, **Plummer, L**. (2012). Analysis of individual SIS-16 items relative to fall history in People with Stroke. *Physiother Prac Res*, 33, 81–88.

Online materials

1. Brown, L, **Plummer, L**, Riley, E. (2017). Clinical Summary: Guillain Barre Syndrome. *PTNOW*. Retrieved from <https://www.apta.org/patient-care/evidence-based-practice-resources/clinical-summaries/guillain-barre-syndrome>
2. **Plummer, L**, Jacobson, AM. (2016) Guillain Barre Syndrome–Jigsaw Case. A Compendium for Teaching Professional Level Physical Therapy Neurologic Content Retrieved from <https://www.neuropt.org/education/physical-therapy-educators/compendium/comp-docu>
3. **Plummer, L.**, Jacobson, AM., Townsend, E, Reidy, P, Mackey, J., Fairman, A., Walker, L., Hildebrand, M. (2016) Infant Development Day–Interprofessional Learning Experience. A Compendium for Teaching Professional Level Physical Therapy Neurologic Content Retrieved from <https://www.neuropt.org/education/physical-therapy-educators/compendium/comp-docu>

Media appearances

1. Clock, C, Laird, E, Inzana, R, Merson, J **Plummer, L**, Zeman, E. (2018). Podcast IHP Interprofessional Education/Collaboration. *PT Pintcast*. Retrieved from <https://www.ptpintcast.com/2018/07/19/317-mgh-institute-health-professions-part-2/>
2. **Plummer, L.**, Bwala, G., Johnson, R., Wills, AM, Hung, A. Parkinson Exercise Virtual Class and Videos, Collaboration between MGH IHP and MGH Movement Disorders Clinic.

Peer Reviewed Presentations and Abstracts

1. Naidoo K, **Plummer L.**, Baldwin J., Lesar J. Narrative Analysis to Track the Development of Clinical Reasoning during Residency: A Mixed Model Study. APTA Combined Sections Meeting, Virtual Poster. 2021
2. Johnson R, **Plummer L.**, Chan J, Wills AM. Feasibility and Tolerability Randomized Clinical Trial of Golf Versus Tai Chi for People with Moderate Parkinson's Disease. American Academy of Neurology Meeting, Interactive Virtual Abstract. 2021
3. Naidoo K, Clock C, Rimmel L, Wong J, **Plummer L.** Navigating without a Compass: How culturally and linguistically diverse physical therapist students persist in higher education. Best Practices in Health Professions Education, Poster, Virtual, Poster. 2021
4. Naidoo K, Clock C, Rimmel L, Wong J, **Plummer L.** Navigating Higher Education: The Experiences of Culturally and Linguistically Diverse Learners in a Doctor of Physical Therapy Program. Social Justice Research Conference hosted by the MGH IHP Office of Justice, Equity, Diversity, and Inclusion. Presentation, Virtual. 2021
5. Hobbs M, Knab M, **Plummer L.** The Impact of Story in Shaping Strong, Sustainable Interprofessional Behaviors. NEXUS Summit. Poster and Q and A, Virtual. 2020
6. **Plummer L.**, Knab M, Riotte M, Baldwin J, Worek A, Pittman R, Sabo K, Hildebrand M, Mack A, Cruz A. Leading an interprofessional practice pivot: From onsite to virtual in a hot minute. NEXUS Summit. Presentation, Virtual. 2020
7. Knox S, **Cornforth E**, Plummer L. Pre-Admission Student Data is Associated with Level of Advising Needs for Physical Therapy Students. Poster presentation at APTA Combined Sections Meeting. Denver CO February 14, 2020. 2019
8. **Plummer, L.**, Lucey, J., Pennington, S., Sim, C., Connor, L.T., Enhancing Interprofessional Communication and Teamwork a Screening Learning Activity with Clients with Neurological Disorders. Collaborating Across Borders VII. Presentation, Indianapolis, IN. 2019
9. **Plummer, L.**, Lucey, J., Pennington, S., Sim, C., Connor, L.T., Enhancing Interprofessional Collaboration through a Screening Learning Activity in an Interprofessional Pro-Bono Center. Education Leadership Conference. Presentation. Seattle, Washington. 2019
10. Baldwin, J., Fitzgerald, C., **Plummer, L.**, Cornforth, E. Smith, L., Makin Integrated Clinical Education Work-It's All about Consistency, Connections and Collaboration. Education Leadership Conference. Presentation 2019

11. Naidoo, K., Plummer, L., Clock, C., Supporting Culturally and Linguistically Diverse Learners in Doctor of Physical Therapy Education. Education Leadership Conference. Presentation, Seattle, Washington. 2019
12. Macauley, K., **Plummer, L.**, Bemis, C., Brock, G., Larson, C., Spangler, J., Comparison of Anxiety Levels in DPT Students between 3 Programs with 2 Different Curricula. Combined Sections Meeting. Poster, New Orleans, LA. 2016
13. Baldwin, J., **Plummer, L.**, Joshi, S., Sangave, A., Effectiveness of Aerobic Training in Individuals with Chronic Stroke: A Systematic Review. Congress of Rehabilitative Medicine's Annual Conference. Poster, Boston, MA. 2016
(Abstract: Baldwin, J, Plummer, L, Joshi, S, Sangave, A., (2016). Effectiveness of Aerobic Training in Individuals with Chronic Stroke: A Systematic Review, Archives of Physical Medicine and Rehabilitation, 97(10).
14. Baldwin, J., **Plummer, L.**, Joshi, S., Sangave, A., Effectiveness of Aerobic Training in Individuals with Chronic Stroke: A Systematic Review. APTA Combined Sections Meeting. Poster, Chicago, IL. 2016
15. **Plummer L.**, Baldwin J., Gandhi J., Gilder F., Prevention of Decline in Function in Individuals with Chronic Stroke. IV STEP Conference. Poster. Columbus, OH.
16. Baldwin, J., **Plummer, L.**, Gandhi, J., Gilder, F., Describing Physical Therapy Practice and Determining Consistency in Use of Standardized Outcome Measures at the PT Center for Clinical Education and Health Promotion: A Quality Assurance Study. APTA of Massachusetts Annual Conference. Poster. Waltham, MA. 2014
17. Reidy, P., **Plummer, L.**, McCarthy–Jacobson, A., Kane, V., Maxwell, L., Riotte, M., Infant Development Day: A Collaborative Interprofessional Education Experience. National Academies of Practice Forum. Poster, Alexandria, VA. 2014
18. Reidy, P., **Plummer, L.**, McCarthy–Jacobson, A., Maxwell, L., Riotte, M., Kane, V., Infant Development Day: A Collaborative Interprofessional Education Experience. Collaborating Across Borders (CAB) IV Interprofessional Collaboration: Transformative Change from the Classroom to Practice Conference. Presentation, Toronto, Canada 2013
19. **Plummer, L.**, Reidy, P., McCarthy–Jacobson, A., Kane, V., Maxwell, L., Riotte, M., Infant Development Day: A Collaborative Interprofessional Education Experience. APTA Combined Sections Meeting. Poster, Las Vegas, NV. 2013
20. Haladay, D., **Plummer, L.**, Development and Application of Virtual Interactive Patient Scenario for Clinical Decision Making. APTA Combined Sections Meeting. Presentation, San Diego, CA. 2013
21. Beninato, M., Fernandes, A., **Plummer, L.**, The minimal clinically important difference on the Functional Gait Assessment. APTA Combined Sections Meeting. Poster, San Diego, CA. 2013

22. **Plummer, L.**, Sridhar, S., Beninato, M., Parlman, K., Physical therapist practice in the emergency department observation unit. APTA Combined Sections Meeting. Poster, San Diego, CA. 2013
23. **Plummer, L.**, Sridhar, S., Beninato, M., Parlman, K., Physical therapist practice in the emergency department observation unit. Mass Chapter of APTA Fall Conference. Poster, Norwood, MA. 2013
24. Beninato, M., Fernandes, A., **Plummer, L.**, The minimal clinically important difference on the Functional Gait Assessment. MA Chapter of APTA Fall Conference. Poster, Norwood, MA. 2012
25. **Busick, L.**, Beninato, M., Item Analysis of the Activities–Specific Balance Confidence Scale and Falls Efficacy Scale Swedish Version [FES(S)] in Relation to Falls in People with Stroke. APTA Combined Sections Meeting. Poster, New Orleans, LA. 2012
26. Beninato, M., Parikh, V., **Busick, L.**, An Item Analysis of the Stroke Impact Scale–16 (SIS–16) in Relation to Falls in People with Stroke Living in the Community. APTA Combined Sections Meeting. Poster, New Orleans, LA 2011
27. Parikh, V., Beninato, M., **Busick, L.**, An Item Analysis of the Stroke Impact Scale–16 (SIS–16) in Relation to Falls in People with Stroke Living in the Community. Mass Chapter APTA Meeting. Poster, Norwood, MA. 2010
28. **Plummer, L.**, Gill–Body, K., Harris, BA., Acute Care Physical Therapy of Patients Following Stroke. APTA Combined Sections Meeting. Poster, Tampa, FL. 2003
29. **Plummer, L.**, Gill–Body, K., Harris, BA., Acute Care Physical Therapy of Patients Following Stroke. Annual Conference Massachusetts Chapter of APTA. Presentation, Hyannis, MA. 2002

Invited Presentations

Regional

30. Naidoo, K and **Plummer, L.** Clinical Decision–Making Module I and II, MGH Neuro Residency, Boston, MA 2019–2021
31. Online Teaching, TEAL Fellow Panel, MGH Institute of Health Professions, Boston, MA 2021
32. Balance, Freezing and Falls Webinar, MGH Parkinson’s Clinic, Boston, MA 2021
33. Exercise for Parkinson’s: What and How, MGH Parkinson’s Clinic, Boston, MA 2019
34. Fall Prevention and Improving Balance: Exercise and Strategies for Freezing, MGH Parkinson Center T’ai Chi and Speaker Series, Charlestown, MA 2019
35. Gill Body, K and **Plummer, L.** Movement System Diagnosis, APTA of MA Neurology Special Interest Group, Newton, MA 2019
36. **Plummer, L** and Brown, L. Rehabilitation of Guillain Barre Syndrome, 40th Annual Neurorehabilitation Conference, Cambridge, MA 2019

Invited Presentations

National

1. **Plummer, L** and Naidoo, K. Curriculum Development and Assessment, USciences, Advisory Board, Philadelphia, PA, Virtual 7/2021
2. Baldwin, J and **Plummer, L**. Engaging Students in the Evidence: Active Learning Strategies for Physical Therapist Education. Combined Section Meeting Pre conference, San Antonio, TX (Feb 2022) 2022

International

1. Gill–Body, K. and **Plummer, L**. Movement System Diagnosis in Physical Therapy, Canadian Northern Division of Ontario Physiotherapy Association Keynote Speakers, Virtual (Sept 2021) 2021

Educational Activities

Courses taught

PT 601: Fundamentals of Patient/Client Management	2016–2020
PT 711: Patient/Client Management: Acquired Brain Disorders	2017–2020
PT 850: Capstone	2019–2021
PT 713: Patient/Client Management: Amputation and Spinal Cord Injuries	2018
PT 766: Clinical Management of Neuromuscular Disorders I	2009–2016
PT 767: Clinical Management of Neuromuscular Disorders II	2009–2017
HP 818: IMPACT I: IMPACT Practice	2013–2016
HP 819: IMPACT II: IMPACT Practice	2013, 2016
PT 895: Directed Research	2013–2014
PT 772: Special Topics: Current concepts in Vestibular Rehabilitation	2013–2015
PT 791: Critical Inquiry III–Developing a Health Promotion Program	2012–2015
PT 642: Exam and Treatment of UE and LE Dysfunction	2010
PT 772: Special Topics: Postural Control	2010–2012
PT 644: Concepts of Motor Control	2009–2010
PT 865: DL Concepts of Neuromusculoskeletal Dysfunction	2009

Clinical supervision

Practicum: PT pro bono Center for Clinical Education and Health Promotion	2013–2017
PT 603: International Clinical Management	2011– 2014

Curriculum development

Redesign of DPT Curriculum, MGH Institute of Health Professions	2012–2016
HP818 IMPACT I, Course Development, MGH Institute of Health Professions	2013

Mentoring

Faculty

Midge Hobbs, Center for Interprofessional Studies and Innovation, Faculty, Assistant Professor, IMPACT Practice Curriculum Director, IHP assigned Mentor	2019–present
Shweta Gore, PT Department, Faculty, Associate Professor, Mentoring in teaching in PT curriculum	2018
Lesley Smith, PT Department, Instructor, Mentoring in teaching in PT curriculum	2019

Student

Megan Vega, Gabriella Flores, Interprofessional Networked Mentoring Program	2020–2021
Danielle Kline, Teaching Practicum, PhD Program	2020
Victoria Misitano, Alex Lin, and Maddie Fuchs (Child Development Day: A collaborative interprofessional experience, development of manuscript)	2019–2020
Sonakshi Narayan, Cameron Yeong Jang, DPT Networked Mentoring Program	2019–2020
Charlotte Bemis, Genevieve Brock, Christina Larson, and Johanna Spangler, (Prevalence and Predictors of anxiety in healthcare professions students, development of manuscript)	2018
Somaya Sridhar (Physical therapist practice in the emergency department observation unit, development of manuscript)	2015
Arlene Fernandes (Minimal clinically important difference of the Functional Gait Assessment in older adults, development of manuscript)	2014
Vyoma Parikh (Using the International Classification of Functioning, Disability and Health as a framework for analyzing the Stroke Impact Scale–16 relative to falls, development of manuscript)	2014
Vyoma Parkih (Analysis of Individual SIS–16 Items Relative to Fall History in People with Stroke, development of manuscript)	2012

Professional Development

Allied Team Training for Parkinson's	2020
LSVT BIG Certification	2019
Comprehensive Instructor Workshop (Center for Medical Simulation), Cambridge, MA	2017
IV STEP Conference, Columbus, Ohio	2016
Combined Sections Meeting (American Physical Therapy Association)	2010–2012; 2014, 2016, 2018–2020
Annual Conference (American Physical Therapy Association of MA)	2009–2014
Faculty Development Course, Chicago, Illinois	2011
Clinical Decision Making as a Foundation for Expert Practice, Boston, MA	2011
Expanding Neurologic Expertise: Advanced Vestibular Practice in Physical Therapy, Boston, MA	2011

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Professional Memberships and Activities

Movement System Task Force, Academy of Neurologic PT	2018–present
Manuscript Reviewer, Journal of Neurologic Physical Therapy	2009–present
Item Writer, Neurologic Specialty Exam	2009–2016
Programming Committee for Neurology, Combined Section Meeting	2010–2014
Stroke Forum Committee Representative	2007–2008
Membership Chair, American Physical Therapy Association of MA	2006–2011
Education Committee Representative, American Physical Therapy Association of MA	2004–2015
Northern Metro District Assembly Representative, American Physical Therapy Association of MA	2002–2009
Secretary, Northern Metro District, American Physical Therapy Association of MA	2002–2006

Institutional Service

Chair, IPC Curriculum, Scholarship and Operations Committee, MGH Institute of Health Professions	2019–2021
PT Curriculum Committee, MGH Institute of Health Professions	2019–present
PT Student Support Committee, MGH Institute of Health Professions	2018–2019
Chair of Child Development Day Committee, MGH Institute of Health Professions	2018–present
Interprofessional Curriculum Committee, MGH Institute of Health Professions	2017–2019
Associate Chair Search Committee, MGH Institute of Health Professions	2017–2018
Neuro Faculty Search Committee, MGH Institute of Health Professions	2017–2019
Chair, Physical Therapy Awards Committee, MGH Institute of Health Professions	2016–2017
Physical Therapy Awards Committee, MGH Institute of Health Professions	2012–2016
Advisor, Physical Therapy Club, MGH Institute of Health Professions	2013–2017
PT Program Faculty Search Committee, MGH Institute of Health Professions	2012–2014
IHP Course and Curriculum Committee, MGH Institute of Health Professions	2009–2010
PT Program Post professional Curriculum Review, MGH Institute of Health Professions	2009–2010

Community Service

Community Service Day, MGH Institute of Health Professions	2018–2020
Power, Privilege, and Positionality, MGH Institute of Health Professions	2020–2021
Harvard Kent After School Exercise Program	2018
MGH Youth Scholars	2014–2016