

**Curriculum Vitae
Carey Lane Holleran MPT, DHS
Board Certified in Neurologic Physical Therapy**

Address and Telephone Numbers:

Office

Program in Physical Therapy
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Present Position

Associate Professor of Physical Therapy and Neurology
Washington University Program in Physical Therapy, St. Louis, MO
Assistant Director of Student Assessment and Program Evaluation
Washington University Program in Physical Therapy, St. Louis, MO
Physical Therapist, Outpatient Neurologic Physical Therapy
Washington University Physical Therapy @4240, St. Louis, MO

Education

2003 Bachelor of Health Science (BS)
Duquesne University, Pittsburgh, PA
2004 Master of Physical Therapy (MPT)
Duquesne University, Pittsburgh, PA
2014 Doctor of Health Science (DHS), Neurology and Higher Education
University of Indianapolis, IN

Academic Positions / Employment

2021-present	Associate Professor of Physical Therapy and Neurology Assistant Director of Student Assessment and Program Evaluation Washington University Program in Physical Therapy, St. Louis, MO
2016-2021	Assistant Professor of Physical Therapy and Neurology Washington University Program in Physical Therapy, St. Louis, MO
2013-2015	Lecturer Department of Physical Therapy and Department of Kinesiology and Nutrition University of Illinois in Chicago Chicago, IL
2015-2016	Contract Educator Physical Therapy and Human Movement Science Program Northwestern University Chicago, IL
2015-2016	Co-Director for Neurologic Physical Therapy Residency Northwestern University and Shirley Ryan Ability Lab Chicago, IL

University, School of Medicine and Hospital Appointments and Committees

2018-2019	Learning Science Committee Member, DPT Program
2019	Curriculum Renewal Architecture Team Lead, DPT Program

2019-present 2020	Curriculum Design Team, DPT Program Learner Assessment for Program Leaders, Washington University School of Medicine
2020	Teaching Scholars Program, Washington University School of Medicine
2020-present	Physical Therapy Inclusion and Diversity, Program in Physical Therapy
2021-present	Academy of Educators, Washington University School of Medicine
2021-present	Mentorship Subcommittee, Academy of Educators, Washington University School of Medicine
2022	Methods in Education Scholarship Certificate Program
2024-present	Teaching Scholars Program Candidate Review Committee

Professional Licensure and Certification

2011-present	Physical Therapist License # 2011011358 Missouri Board of Registration for the Healing Arts
2016	Certified Clinical Instructor American Physical Therapy Association
2007-present	Board Certified Specialist in Neurology American Board of Physical Therapy Specialties
2017	Re-Certified Board Certified Specialist in Neurology American Board of Physical Therapy Specialties

Clinical Title and Responsibilities

2004-2006	Physical Therapist University of Pittsburgh Medical Center, Pittsburgh, PA Inpatient Spinal Cord Injury Model Systems Program
2007-2016	Physical Therapist Rehabilitation Institute of Chicago (Shirley Ryan AbilityLab), Chicago, IL Inpatient Spinal Cord Injury Model Systems Program
2009-2016	Clinical Research Coordinator and Research Physical Therapist Locomotor Recovery Laboratory, Sensory Motor Performance Program, Rehabilitation Institute of Chicago, Chicago, IL
2015-2016	Clinical Practice Leader for Neurologic Physical Therapy Rehabilitation Institute of Chicago (Shirley Ryan AbilityLab), Chicago, IL
2017-2019	Physical Therapist The Rehabilitation Institute of St. Louis, St. Louis, MO Inpatient Float Therapist
2019-present	Physical Therapist Washington University Physical Therapy – @4240, St. Louis, MO Outpatient Neurologic Physical Therapist

Teaching Title and Responsibilities

2016-present	Laboratory Assistant and Practical Examiner Professional DPT courses: Essential Clinical Skills I; Diagnosis & Management of Neuromuscular Conditions I; Diagnosis & Management of Neuromuscular Conditions II; Professional Issues & Skills Development I; Professional Issues & Skills Development III
2016-present	Lecturer Professional DPT courses: Diagnosis & Management of Neuromuscular Conditions II; Professional Issues & Skills Development III; Case Integration III
2018-present	Guest Lecturer

2017-present	Undergraduate Department of Biology: Introduction to Health Professions Course Assistant
2017-present	Essential Clinical Skills I Mentor/Advisor
2020	Professional DPT courses: Case Integration I; Case Integration II; Case Integration III; Diagnosis, Evidence & Analysis III
2021-present	Course Assistant Professional Issues & Skills Development I Ethics and Humanities Thread Lead Program in Physical Therapy, School of Medicine

Honors and Awards

2008-2009	Donnelly Family Disability Ethics Scholar Rehabilitation Institute of Chicago (Shirley Ryan AbilityLab)
2009	Magnuson Award Finalist Rehabilitation Institute of Chicago (Shirley Ryan AbilityLab)
2011	Henry Betts Award for Clinical Research Innovation Rehabilitation Institute of Chicago (Shirley Ryan AbilityLab)
2014	Brown Fellowship Research Award Rehabilitation Institute of Chicago (Shirley Ryan AbilityLab)
2015	Sarah Baskin Research Excellence Award for Clinician Researcher Rehabilitation Institute of Chicago (Shirley Ryan AbilityLab)
2015	Chattanooga Research Award for Best Clinical Research Article Published in Physical Therapy American Physical Therapy Association
2021	Academy of Educators Washington University School of Medicine
2021	Excellence in Neurologic Education Award Nominee Academy of Neurologic Physical Therapy
2022	Medical Education Research Unit Small Grant Awardee Washington University School of Medicine

Editorial Responsibilities

2015-present	Reviewer Journal of Neurologic Physical Therapy
2018	Invited Review Journal of Neurologic Physical Therapy “A Core Set of Outcome Measures for Adults with Neurologic Conditions Undergoing Rehabilitation - Clinical Practice Guideline”
2019	Invited Review Consortium for Spinal Cord Medicine “Clinical Practice Guideline for Mental Health Disorders, Substance Use Disorders, and Suicide in Adults with Spinal Cord Injury”
2019-present	Reviewer Archives of Physical Medicine and Rehabilitation
2020-present	Reviewer Neurorehabilitation Neural Repair
2020-present	Reviewer The Journal of Spinal Cord Medicine
2024	Reviewer Education Leadership Conference

National Panels, Committees, Boards

2009-2014	Item Writer, Neurologic Certified Specialists Examination American Board of Physical Therapy Specialties
2014	Standard Settings for Neurologic Certified Examination National Board of Medical Examiners Academy of Neurologic Physical Therapy
2017-2018	Critical Appraiser and Data Extractor Locomotor Clinical Practice Guideline for Chronic Incomplete Spinal Cord Injury, Stroke, and Traumatic Brain Injury
2018-2023	Co-Chair Knowledge Translation Task Force for the Locomotor Clinical Practical Guideline Academy of Neurologic Physical Therapy
2019-2023	National Campaign Co-Chair Academy of Neurologic Physical Therapy “Intensity Matters”

National, University, School of Medicine Service

Committees and activities

2017	Interprofessional Education Experiences, Center for Interprofessional Practice and Education, School of Medicine
2018-2023	Camp Neuro Washington University School of Medicine
2018-2023	Cross-Campus Educational Research Group (C2ERG)
2018-2021	Co-Course Coordinator Biennial Clinical Instructor’s Meeting Washington University, Program in Physical Therapy, St. Louis, MO
2019	Poverty Simulation, Center for Interprofessional Practice and Education, School of Medicine
2020-2021	Phase 1 Small Group Facilitator Center for Interprofessional Practice and Education, School of Medicine
2021	BESSt Student Summer Program, Washington University School of Medicine Multicultural high school student shadow program
2022-present	Mentorship Committee Washington University School of Medicine, Academy of Educators
2024	Education Research Group Washington University in St. Louis, Danforth Campus
2024	Education Session Reviewer Academy of Education, American Physical Therapy Association Combined Sections Meeting
2024	Abstract Reviewer Education Leadership Conference
2024	Accreditation Council of Graduate Medical Educators (ACGME) Developing Faculty Competencies in Assessment – Midwest Assessment Hub Core Team Member

Professional Societies and Organizations

2004-present	American Physical Therapy Association Member
2006-present	Academy of Neurologic Physical Therapy Section Member
2012-2013	Practice Excellence Committee Co-Chair

2015-present	Illinois Physical Therapy Association Academy of Neurologic Physical Therapy Section, Spinal Cord Injury Special Interest Group Member
2016-present	Academy of Physical Therapy Education Section Member
2019-present	Academy of Physical Therapy Research Section Member
2021-present	Consortium for the Humanities, Ethics, and Professionalism (CHEP) American Council of Academic Physical Therapy
2021-present	Alliance for Disability in Health Care Education Member

Invited Professorships and Lectureships

2011-2015	Invited Lectureship and Clinical Workshop Leader “Locomotor Training in patients with spinal cord injury: Using prognostic indicators to structure interventions” Rehabilitation Institute of Chicago (Shirley Ryan AbilityLab), Chicago, IL
2014	Course Chair, Faculty, and Lectureship “Walk the walk: Locomotor Training for patients with spinal cord injury and stroke.” Rehabilitation Institute of Chicago (Shirley Ryan AbilityLab), Chicago, IL
2015	Invited Lectureship “Community mobility after Motor Incomplete Spinal Cord Injury: Research Updates.” Rehabilitation Institute of Chicago (Shirley Ryan AbilityLab), Chicago, IL
2015	Invited Lectureship “Spinal Cord Injury Rehabilitation” Northwestern University Movement and Rehabilitation science Annual Clinical Bootcamp for PostDoctoral Fellows Feinberg School of Medicine, Chicago, IL
2015	CSM Poster Presentation Combined Sections Meeting for the APTA “Variable Intensive Walking after Stroke (VIEWS Trial)”
2016	CSM Neurology Platform Presentation Combined Sections Meeting for the APTA “Selection and pilot of a core assessment battery for inpatient rehabilitation”
2015	Educational Session Speaker Combined Sections Meeting for the APTA “Walking the Walk: Translating basic and applied findings of methods to improve locomotor recovery post-stroke to the clinical setting”
2016	Pre-Conference Educational Session Speaker Combined Sections Meeting for the APTA “Walking the Walk: Translating Research Evidence to Clinical Practice”
2016	CSM Poster Presentation “Community mobility method selection in individuals with chronic motor incomplete spinal cord injury: A qualitative analysis”
2018	CSM Neurology Platform Presentation “Effects of training intensity on locomotor performance in individuals with chronic spinal cord injury.”
2018	Workshop Facilitator Clinical Instructor’s Meeting Washington University, Program in Physical Therapy, St. Louis, MO
2018	Invited Lectureship

- 2019 “Evidence Informed Care; Translating the Best Evidence Now”
Anderson Hospital, Maryville, IL
Invited Lectureship
- 2019 “Learning Styles: Myth-Busted”
Central Area Consortia Meeting
Washington University, Program in Physical Therapy, St. Louis, MO
Invited Faculty Commencement Address
Class of 2019
- 2019 Washington University, Program in Physical Therapy, St. Louis, MO
Invited Lectureship
- 2020 “Capacity versus Performance”
Mary Free Bed Rehabilitation Hospital, Grand Rapids, IA
Invited Lectureship
- 2020 “Capacity versus Performance: Clinical Implications”
Institute for Knowledge Translation Residency Programming
Invited Lectureship
- 2020 “Clinical Implications of Capacity Versus Performance”
Annual Interdisciplinary Stroke Conference
Mary Free Bed Rehabilitation Hospital, Grand Rapids, IA
Invited Lectureship
- 2020 “Maximizing the Active Ingredients in Neurorehabilitation”
Annual Interdisciplinary Stroke Conference
Mary Free Bed Rehabilitation Hospital, Grand Rapids, IA
Education Session Lead Speaker
- 2020 “Active Ingredients across the Locomotor Training Clinical Practice
Guideline Action Statements”
Combined Sections Meeting for the APTA, Academy of Neurologic PT
Invited Podcast Interviewee
- 2020 “Application of the Clinical Practice Guideline to Spinal Cord Injury
Rehabilitation”
Spinal Cord Injury Special Interest Group, Academy of Neurologic
Physical Therapy
- 2020 Invited Podcast Interviewee
Stroke Special Interest Group, Academy of Neurologic Physical Therapy
- 2020 Education Session Speaker
“Transforming Societal Health through Competency-Based Physical
Therapy Education”
Education Leadership Conference, American Council for Physical
Therapy Education (ACAPT)
- 2021 Education Session Speaker
“Having Difficulty Removing Kid Gloves? Implementing High-Intensity
Training in Neurologic and Geriatric Rehabilitation”
Combined Sections Meeting for the APTA, Academy of Neurologic
Physical Therapy
- 2021 Education Session Speaker
“Re-evaluating Clinical Success: Differentiating Capacity Versus
Performance”
Combined Sections Meeting for the APTA, Academy of Neurologic
Physical Therapy
- 2021 CSM Poster Presentation

- 2021 “Barriers to and Percentage of Vital Sign Assessment in an Outpatient Neurologic Physical Therapy Setting”
Combined Sections Meeting for the APTA, Academy of Neurologic Physical Therapy
CSM Neurology Platform Presentation
“Stepwise Regression and Latent Profile Analyses of Locomotor Outcomes Post-Stroke”
Combined Sections Meeting for the APTA, Academy of Neurologic Physical Therapy
- 2021 Invited Lectureship
Physical Therapy Learning Institute
“Time-Variable Competency-Based Physical Therapy Education Disruptive Innovation in Physical Therapist Education; Reimagining Physical Therapist Education: A Virtual Summit
- 2021 Invited Lectureship
“Transforming the Health of Society through Competency-Based Physical Therapist Education – Moving from Theory to Practice”
Education Leadership Conference
Atlanta, GA
- 2022 ASNR Poster Presentation
American Society of Neurorehabilitation
“Improving in capacity for activity vs. improvement in performance of activity in daily life during outpatient rehabilitation”.
ASNR Annual Meeting, St. Louis, MO
- 2022 CIRCLE Conference Poster Presentation
“Implementing an Assessment Framework that Supports the Development of Competence and the Master Adaptive Learner in DPT Education”
Integrating Psychology and STEM Education Research to Promote Innovative Teaching Conference, St. Louis MO
- 2022 Educational Session
“Transforming the Health of Society through Competency-Based Physical Therapist Education-Implementing and Adapting”
Milwaukee, WI
- 2022 Educational Session
“Shifting the Culture towards Competence and Lifelong Learning: Case Examples of Implementation”
Milwaukee, WI
- 2023 APTA Poster Presentation
“Comprehensive Assessment of the Activity Domain Using Both Capacity and Performance Measures: A Case Report”
San Diego, CA
- 2023 APTA Educational Session
“Combining motor-learning principles with high-intensity gait training to enhance locomotor outcomes post-stroke: identifying the skill of walking training”
San Diego, CA
- 2023 Invited Lectureship
“Assessment to support the development of the Master Adaptive Learner”
ACAPT Clinical Reasoning Symposium
Phoenix, AZ

- 2023 Interdisciplinary Grand Rounds
BJC Memorial Hospital
“Intensive gait training in Neurologic Populations: Evidence and Safety Considerations”
Belleville, IL
- 2023 Invited Lectureship
“Activity Performance in Daily Life: Moving Toward Meaningful Measurement and Intervention”
Mary Free Bed Rehabilitation Hospital, Grand Rapids, IA
- 2023 Invited Lectureship
“Activity Performance in Daily Life: Moving Toward Meaningful Measurement and Intervention”
Indiana Physical Therapy Association State Conference
- 2023 Small Grants Committee Research Meeting
“Entrustable Professional Activity Assessment in DPT Clinical Education: A Pilot Study”
Medical Education Research Unit, Washington University School of Medicine
- 2024 APTA Education Session
“Walking Performance in Daily life: Taking Steps Toward Successful Rehabilitation”
Boston, MA
- 2024 Research Group Meeting
“Entrustable Professional Activity Assessment in DPT Clinical Education: A Pilot Study”
Program in Physical Therapy, Washington University in St. Louis
- 2024 Neurologic Specialty Certification Residency Training Education Session
“Combining Motor Learning Principles with High Intensity Gait Training”
Institute for Knowledge Translation
- 2024 Short Research Communication
“Use of learner-driven, formative, ad-hoc, prospective assessment of competence in physical therapist clinical education: a prospective cohort study”
The International Association for Medical Education Annual Conference
- 2024 Neurologic Specialty Certification Residency Training Education Session
Learning Science Strategies and the Learning Environment
Institute for Knowledge Translation
- 2024 ELC Education Session
“Using Backward Design to Develop an Academic Coaching Program to Support the Master Adaptive Learner”
Oakland, CA
- 2024 Research Presentation
“Activity Capacity and Activity Performance in Daily Life”
TIRR Rehabilitation Hospital
- 2025 APTA Platform Presentation
“Alterations in spasticity during locomotor training in incomplete spinal cord injury and contributions to outcomes”
Houston, TX
- 2025 Clinical Instructor Education Series, Wash U PT
“Enhancing Clinical Competency – Strategies for Facilitating Master Adaptive Learning in Healthcare Environments”

Consulting Relationships and Board Memberships

2018-present	Advisor Guidepoint Consultants New York, NY
2019-present	Clinical Residency Faculty Institute for Knowledge Translation Neurologic Residency Training Program

Current Research Support

2016-2022	Clinical Research Coordinator “Evaluating capacity versus performance during outpatient neurorehabilitation” Grant #: 2 RO1 HD068290-05 10% effort
2022-present	Clinical Research Coordinator “Stakeholders perspectives on performance outcomes in the clinical environment” “Integrating Performance Sensors into the Clinical Environment” Grant #: R01/R37 HD068290 10% effort
2020-present	Principal Investigator “Entrustable Professional Activity Assessment in DPT Clinical Education”

Trainee/Mentee/Sponsorship Record

2016-2022	Clinical Education Advisor & Team Member Advisement of one quarter of each class of DPT students (20-22/class), on-site evaluation of practicum sites, coordination of the all clinical education site visits
2018-present	National Clinical Mentor Academy of Neurologic Physical Therapy
2019-present	Clinical Mentor Washington University in St. Louis, Outpatient Therapy Services @4240
2019-present	Neurologic Residency Mentor (Ethics & Humanities, Spinal Cord Injury, and Learning Sciences) Institute for Knowledge Translation Residency Program

Publications

Original, peer reviewed articles in refereed journals

1. Hornby TG, Straube DD, Kinnaird CR, **Holleran CL**, Echaz T, Rodriguez K, Wagner E, Narducci E. Importance of specificity, amount, and intensity of locomotor training to improve ambulatory function in patients post-stroke. *Topics in Stroke Rehabilitation*. 2011 Jul-Aug;18(4):293-307.
2. Hornby TG, Kinnaird CR, **Holleran CL**, Rodriguez K, Rafferty M, Cain J. Kinematic, muscular, and metabolic responses during exoskeletal-, elliptical-, or therapist-assisted stepping in people with incomplete spinal cord injury. *Phys Ther*. 2012 Oct; 92(10):1278-1291.

3. **Holleran CL**, Straube DD, Kinnaird CR, Leddy AL, Hornby TG. Feasibility and Potential Efficacy of High-Intensity Stepping Training in Variable Contexts in Subacute and Chronic Stroke. *Neurorehabilitation Neural Repair*. 2014 Sep;28(7):643-51.
4. Leddy AL, Connolly M, **Holleran CL**, Hennessy PW, Woodward J, Arena RA, Roth EJ, Hornby TG. Alterations in aerobic exercise performance and gait economy following high-intensity dynamic stepping training in persons with subacute stroke. *J Neurol Phys Ther*. 2016 Oct; 40(4):239-48.
5. Brazg G, Fahey M, **Holleran CL**, Connolly M, Woodward J, Hennessy PW, Schmit BD, Hornby TG. Effects of Training Intensity on Locomotor Performance in Individuals with Chronic Incomplete Spinal Cord Injury. *Neurorehabil Neural Repair*. 2017 Oct-Nov; 31(10-11).
6. Straube DD, **Holleran CL**, Kinnaird CR, Leddy AL, Hennessy PW, Hornby TG. Effects of dynamic stepping training on non-locomotor tasks in individuals post-stroke. *Phys Ther*. 2014 Jul;94(7):921-33.
7. Hornby TG, **Holleran CL**, Leddy AL, Hennessy PW, Leech KA, Connolly M, Straube DD, Lovell L, Roth E. Feasibility of focused stepping practice during inpatient rehabilitation post-stroke and potential contributions to mobility outcomes. *Neurorehabilitation Neural Repair*. 2015 Nov-Dec; 29(10):923-32.
8. **Holleran CL**, Rodriguez K, Echaz A, Leech K, Hornby TG. Potential contributions of training intensity on locomotor performance in individuals with chronic stroke. *J Neurol Phys Ther*. 2015 Apr; 39(2):95-102.
9. Hornby TG, **Holleran CL**, Hennessy PW, Leddy AL, Connolly M, Camardo J, Woodward J, Mahtani G, Lovell L, Roth EJ. Variable Intensive Early Walking Poststroke (VIEWS): A Randomized Controlled Trial. *Neurorehabil Neural Repair*. 2016 Jun; 30(5): 440-50.
10. Mahtani GB, Kinnaird CR, Connolly MA, **Holleran CL**, Hennessy PW, Woodward J, Brazg G, Roth EJ, Hornby TG. Altered sagittal- and front-plane kinematics following high-intensity stepping training versus conventional interventions in subacute stroke. *Phys Ther*. 2016 Sep 15.
11. Leech KA, Kinnaird CR, **Holleran CL**, Kahn J, Hornby TG. Effects of locomotor exercise intensity on gait performance in individuals with incomplete spinal cord injury. *Phys Ther*. 2016 Dec;96(12)-1919-1929.
12. Brazg G, Fahey M, **Holleran CL**, Connolly M, Woodward J, Hennessy PW, Schmit BD, Hornby TG. Effects of Training Intensity on Locomotor Performance in Individuals with Chronic Spinal Cord Injury: A Randomized Crossover Study. *Neurorehabil Neural Repair*. 2017 Oct-Nov;31(10-11): 944-954.
13. **Holleran CL**, Hennessy P, Leddy A, Mahtani G, Brazg G, Schmidt B, Hornby TG. High intensity variable stepping training in patients with motor incomplete spinal cord injury: a case series. *J Neurol Phys Ther*. 2018 Apr;42(2):94-101.
14. Woodward JL, Connolly M, Hennessy PW, **Holleran CL**, Mahtani GB, Brazg G, Fahey M, Maganti K, Hornby TG. Cardiopulmonary Responses During Clinical and Laboratory Gait Assessments in People with Chronic Stroke. *Phys Ther*. 2019 Jan 1: 99(1):86-97.

15. Hornby TG, Reisman DS, Ward IG, Scheets PL, Miller A, Haddad D, Fox EJ, Fritz NE, Hawkins K, Henderson CE, Hendron KL, **Holleran CL**, Lynskey JE, Walter A; and the Locomotor CPG Appraisal Team. Clinical Practice Guideline to Improve Locomotor Function Following Chronic Stroke, Incomplete Spinal Cord Injury, and Brain Injury. *J Neurol Phys Ther*. 2020 Jan;44(1):49-100.
16. **Holleran CL**, Blang MD, Reisman DS, Ellis TD, Earhart GM, Lang CE. Day-to-day variability of walking performance measures in individuals post-stroke and individuals with Parkinson disease. *J Neurol Phys Ther*. 2020 Oct;44(4):241-247.
17. Hornby TG, Roth E, Lovell L, Henderson C, **Holleran CL**, Jang J. Stepwise regression and latent profile analysis of locomotor outcomes post-stroke. *Stroke*. 2020 Oct;51(10):3074-3082.
18. Lang CE, Barth J, **Holleran CL**, Konrad JD, Bland MD. Implementation of Wearable Sensing Technology for Movement: Pushing Forward into the Routine Physical Rehabilitation Care Field. *Sensors (Basel)*. 2020 Oct 10;20(20):5744.
19. Lang CE, Waddell KJ, Barth J, Holleran CL, Strube MJ, Bland MD. Upper Limb Performance in Daily Life Approaches Plateau Around Three to Six Weeks Post-stroke. *Neurorehabil Neural Repair*. 2021 Oct;35(10):903-914.
20. **Holleran CL**, Fogo J, Miller SA, Hornby TG. Community Mobility Method Selection in Individuals with iSCI: A Qualitative Analysis. *Journal of Humanities in Rehabilitation*. December 17, 2021.
21. Abraham, K., Green-Wilson, J., Hartley, G.W., Deusinger, S., Altenburger, P., Blackinton, M., Byl, N., Nordstrom, T. and Tschoepe, B. Master Adaptive Learning as a Framework for Physical Therapist Professional Education: A Call to Action. *Physical Therapy*. 2022. The authors acknowledge the following individuals who served as speakers during the Summit that provided the [foundation for this Point of View manuscript](#): **Holleran CL**.
22. Lang CE, **Holleran CL**, Strube M, Ellis T, Newman C, Fahey M, DeAngelis T, Nordahl T, Reisman D, Earhart GE, Lohse K, Bland MD. Improvement in capacity for activity vs. improvement in performance of activity in daily life during outpatient rehabilitation. *J Neurol Phys Ther*. 2023 Jan 1;47(1):16-25.
23. **Holleran CL**, Bland M, Lang CE. Comprehensive Assessment of the Activity Level of the ICF Using Both Capacity and Performance Measures: A Case Report. *Arch Rehabil Res Clin Transl*. 2023 Jul 4;5(3):100277.
24. Bland MD, **Holleran CL**, Newman CA, Fahey M, Nordahl TJ, DeAngelis TR, Ellis TD, Reisman DS, Earhart GM, Lang CE. ICF classification of therapeutic goals for outpatient episodes of neurorehabilitation in post-stroke and Parkinson disease. *Disabil Rehabil*. 2023 Dec 7:1-7. doi: 10.1080/09638288.2023.2290201.
25. **Holleran CL**, Konrad J, Norton B, Burlis T, Ambler S. Use of learner-driven, formative, ad-hoc, prospective assessment of competence in physical therapist clinical education in the United States: a prospective cohort study. *J Educ Eval Health Prof*. 2023;20:36.

26. Ambler S, Burlis T, Clark R, Holtzman G, McGee P, Frost J, Randolph J, Norton B, **Holleran CL**. Development of Domains of Competence and Competencies for Physical Therapist Education: Societal and Interprofessional Considerations. *J Phys Ther Educ*. 2024 Oct 29. doi: 10.1097/JTE.0000000000000377. Online ahead of print.

27. Hornby TG, Moore JL, **Holleran CL**, Henderson CE. Taking the next step in neurologic rehabilitation: contributions of intensity and variability of stepping tasks during locomotor training. *Phys Ther*. 2025 Mar 3;105(3):pzaf005. doi: 10.1093/ptj/pzaf005.

28. Miller AE, **Holleran CL**, Bland MD, Fitzsimmons-Craft EE, Newman CA, Maddox TM, Lang CE. Perspectives of Key Stakeholders on Integrating Wearable Sensor Technology into Rehabilitation Care: A Mixed-Methods Analysis. *medRxiv* [Preprint]. 2024 Nov 29:2024.11.25.24317911.doi: 10.1101/2024.11.25.24317911.

29. Demargel B, **Holleran CL**, Konrad JD, McGee PN, Ambler SB. Formative Assessment of Physical Examination Skills within a Professional Physical Therapist Education Program to Promote the Development of the Master Adaptive Learner: A Case Study. *JOPT*. 10.1097/JTE.0000000000000421, June 10, 2025. DOI: 10.1097/JTE.0000000000000421.

Book Chapter

Holleran CL, Somers M. "Ambulation". *Spinal Cord Injury: Functional Rehabilitation*. Bender-Burnett J. F.A. Davis. 4th Edition. 2024.

Commentary

1. Hornby TG, **Holleran CL**. Sleep Matters. *J Neurol Phys Ther*. 2014 Jul;38(3):170-1.

2. Leech KA, **Holleran CL**. Commentary on: Practice Structure and Locomotor Learning After Stroke". *J Neurol Phys Ther*. 2019 Apr; 43(2):94-95.

Blog

1. **Holleran CL**. Don't be afraid to Sweat. Pulse Blog. American Physical Therapy Association. August 2019.

Media

1. **Holleran, CL**, Hornby TG. Academy of Neurologic Physical Therapy Spinal Cord Injury Special Interest Group Podcast. Locomotor Training Clinical Practice Guideline. Episode 4. March, 2020. <https://www.neuropt.org/education---conferences/anpt-podcasts>

2. **Holleran CL**, Bretz M. Academy of Neurologic Physical Therapy Stroke Special Interest Group Podcast. Locomotor Training Clinical Practice Guideline. Episode 11. November, 2020. <https://www.neuropt.org/education---conferences/anpt-podcasts>

3. **Holleran CL**, Goodwin L, Banhos M, Bretz M, Gallo E, Szot L, Gorecki R, Robinson J Clinical Tools for Implementation of Recommended Action Statements from ANPT Knowledge Translation Task force for Locomotor Training Clinical Practice Guideline.

- a. [Clinical Practice Guideline Resources](#)
- b. [Clinician Resources](#)
- c. [Physician Resources](#)
- d. [Patient Resources](#)
- e. [You tube Channel for Clinician Education](#)

4. **Holleran CL**, Goodwin L, Banhos M, Bretz M, Gallo E, Szot L, Gorecki R, Robinson J. Intensity Matters National Campaign. Academy of Neurologic Physical Therapy, 2018-2022. https://www.neuropt.org/practice-resources/best-practice-initiatives-and-resources/intensity_matters

5. **Holleran CL**. Capacity versus performance. Academy of Neurologic Physical Therapy, Stroke SIG Podcast. August, 2024. <https://www.neuropt.org/education---conferences/anpt-podcasts>