

Institute for Knowledge Translation
 Neurologic Physical Therapy Residency Program
 Course Outline and Faculty



Foundations for Neurologic Physical Therapy: Online Components	
Course Title	Faculty
Fundamentals of Assessment and Treatment in Neurologic Physical Therapy	Jenni Moore PT, DHSc, NCS Chris Henderson PT, PhD, NCS
Evidence-Based Practice: The Hallmark of Specialty Practice	Chris Henderson PT, PhD, NCS Jenni Moore PT, DHSc, NCS
Neuroplasticity: Mechanisms and Application to Practice	T. George Hornby PT, PhD
Motor Learning in Neurologic Physical Therapy	Darcy Reisman PT, PhD
Knowledge Translation Research and Practice	Jenni Moore PT, DHSc, NCS

Assessment and Treatment in Neurologic Physical Therapy: Online Components	
Course Title	Faculty
Rehabilitation of Individuals with Parkinson's Disease	Miriam Rafferty, PT, PhD, NCS
Multiple Sclerosis: Physical Therapy Assessment and Treatment	Nora Fritz PT, PhD
Advanced Physical Therapy Practice in Stroke Rehabilitation	Jenni Moore PT, DHS, NCS Susanne Mortan PT, PhD T. George Hornby PT, PhD
Foundations of Spinal Cord Injury Rehabilitation	Carey Holleran PT, DHSc, NCS
Rehabilitation of People with Moderate to Severe Brain Injury	Karen McCulloch, PT, PhD, NCS
Physical Therapy Assessment and Treatment of Huntington's Disease	Lori Quinn PT, PhD
Vestibular Rehabilitation	Susan Whitney PT, PhD James Gurley PT, DPT, NCS
Concussion: Assessment and Rehabilitation	Karen McCulloch, PT, PhD, NCS
Physical Therapy Management of Amyotrophic Lateral Sclerosis	Elissa Bradford PT, PhD, NCS, MSCS
Orthotics and Prosthetics: Application in Neurologic Physical Therapy	Lisa Brown PT, DPT, NCS
Seating and Positioning	Brittany Kennedy PT, DPR, NCS
Walk the Walk: High Intensity Gait Training in Rehabilitation	T. George Hornby PT, PhD Chris Henderson PT, PhD, NCS Jenni Moore PT, DHSc, NCS
Exercise Physiology	T. George Hornby PT, PhD
Cell Physiology	T. George Hornby PT, PhD
Cerebellar Dysfunction	Susan Mortan PT, PhD

Faculty Information

Residency Leadership and Faculty

- Jenni Moore PT, DHSc, NCS
Institute for Knowledge Translation, Carmel, IN
Advisor, Southeast Regional Center for Knowledge Translation (Oslo, Norway)
- Chris Henderson PT, PhD, NCS, MSCS
Assistant Research Faculty, Indiana University School of Medicine, Indianapolis, IN
Director of Residency Programming, Institute for Knowledge Translation, Carmel, IN

Residency Faculty

- Elissa Bradford PT, PhD, NCS, MSCS
Assistant Professor, Physical Therapy and Athletic Training
Saint Louis University, St. Louis, MO
- Lisa Brown PT, DPT, NCS
Clinical Assistant Professor, Department of Physical Therapy and Athletic Training
Boston University, Boston, MA
- Nora Fritz PT, PhD
Assistant Professor, Physical Therapy
Wayne State University, Detroit, MI
- James Gurley PT, NCS
Assistant Professor, Physical Therapy
School of Health and Natural Sciences
Mercy College, New York, NY
- Carey Holleran PT, DHSc, NCS
Assistant Professor of Physical Therapy
Washington University School of Medicine in St. Louis, St. Louis, MO
- T. George Hornby PT, PhD
Professor, Physical Medicine and Rehabilitation
Indiana University, Indianapolis, IN
- Brittany Kennedy PT, NCS
Clement J Zablocki Veterans Affairs Medical Center
Milwaukee, WI
- Karen McCulloch, PT, PhD, NCS
Professor of Physical Therapy
The University of North Carolina at Chapel Hill, Chapel Hill, NC
- Susanne Morton PT, PhD
Associate Professor of Physical Therapy
University of Delaware, Newark, DE
- Lori Quinn PT, PhD
Associate Professor of Movement Science & Kinesiology
Columbia University, New York, NY
- Miriam Rafferty, PT, PhD, NCS
Research Scientist
Shirley Ryan AbilityLab, Chicago, IL
- Susan Whitney PT, PhD, NCS
Co-Director and Professor, Physical Therapy Post-Professional MS Program
University of Pittsburgh School of Health and Rehabilitation Sciences, Pittsburgh, PA