

CURRICULUM VITAE

Name: Laura Kay Miller

Current Position: Associate Professor, Exercise Science 2024 – present
Board-Certified Clinical Specialists in Neurologic Physical Therapy

Assistant Professor, Exercise Science 2016 -2024
Board-Certified Clinical Specialist in Neurologic Physical Therapy
Bellarmine University

Adjunct Professor, Physical Therapy 2016 – current
Bellarmine University

Email: lmiller2@bellarmine.edu

EDUCATION:

2014 – 2017 Doctor of Education (EdD)
University of Saint Augustine (St. Augustine, FL)
Awarded: Spring 2017
Dissertation Topic: Educational Dosing for Patients Newly Diagnosed with Multiple Sclerosis

2006-2008 Doctor of Physical Therapy (DPT)
Bellarmine University
Louisville, KY
Awarded: December 2008

2003-2007 Bachelor of Health Sciences (BHS)
Bellarmine University
Louisville, KY
Awarded: May 2006

LICENSURE AND CERTIFICATIONS:

Kentucky #005370 Active and in good standing since 2009

2012 - current Board-Certified Clinical Specialist in Neurologic Physical Therapy
Initial Certification 2012, renewed in 2022
American Board of Physical Therapy Specialists

2011 - 2025 Assistive Technology Provider (ATP 62479)
Rehabilitation Engineering and Assistive Technology Society of North America (RESNA)

2010 - current Multiple Sclerosis Certified Specialist
Multiple Sclerosis Consortium (CMSC)

EMPLOYMENT:

2017 – present Associate Professor, Exercise Science (promotion in 2024)
Assistant Professor, Exercise Science
Adjunct Professor, Physical Therapy
Bellarmine University
Louisville, KY

2015 – 2020 Contributing Faculty, Physical and Occupational Therapy Programs
University of Saint Augustine
St. Augustine, FL
San Marcos, CA

2017 – 2021 PRN Physical Therapist
Norton Neurosciences & Spine Rehabilitation Center
Louisville, KY

2012 – 2018 Ampyra Speakers Bureau
Acorda Therapeutics
Yardsley, New York

2015 – 2017 Adjunct faculty, Exercise Science & Physical Therapy Program
Bellarmine University
Louisville, KY

2010 – 2017 Clinical Coordinator/Physical Therapist
Norton Neurosciences and Spine Rehabilitation Center
Louisville, KY

2014 – 2016 Continuing Education Faculty
Summit Professional Education
Nashville, TN

2009 – 2010 Physical Therapist
Frazier Rehab Institute
Louisville, KY

PROFESSIONAL SOCIETY MEMBERSHIPS AND CERTIFICATIONS:

American Physical Therapy Association (APTA) – member since 2008

Academy of Neurologic Physical Therapy

Academy of Physical Therapy Education

Oncology Section

Kentucky Physical Therapy Association (KPTA) – member in good standing since 2008

Rehabilitation Engineering and Assistive Technology Society of North America (RESNA) – member 2011-2025

Multiple Sclerosis Consortium – member since 2013

National Academy of Sports Medicine (NASM) – member since 2022

AWARDS, HONORS

2019 Bellarmine University Faculty Development Fellowship Award

2012 Consortium of Multiple Sclerosis Center Fellow – Cleveland Clinic

PUBLISHED WORKS

2022 Miller, Laura K. and Pehlke, Sarah (2022) "Evaluating Burnout, Secondary Traumatic Stress, and Sleep Disturbances in Healthcare Professionals During a Global Pandemic," *Journal of Wellness*: Vol. 4: Iss. 1, Article 4.

PEER REVIEWED PROFESSIONAL PRESENTATIONS AND PROJECTS:

- 2023 Wingard C, Bareiss S, Crandell C, **Miller L**, Rueff H, Kannappel H, Trussell S. Lower Extremity Cooling Improves Functional Performance and Fatigue in Individuals with Multiple Sclerosis. American Physical Therapy Association Combined Sections Meeting, Neurology Section, San Diego, CA. February 2023 Poster Presentation
- 2021 Danzl M, Crandell C, Ennis E, Granada T, Hall-Bibb D, Hartmann J, Kerr L, Lonnemann P, **Miller L**, Pariser G, Ulanowski E. Telehealth Service-Learning Clinics to Meet Community and Physical Therapy Student Needs During a Pandemic: An Educational Case Report. World Physiotherapy Congress 2021 online. ePoster. April 9-11, 2021.
- 2021 Danzl M, Crandell C, Ennis E, Granada T, Hall-Bibb D, Hartmann J, Kerr L, Lonnemann P, **Miller L**, Pariser G, Ulanowski E. Telehealth Service-Learning Clinics to Meet Community and Physical Therapy Student Needs During a Pandemic. American Physical Therapy Association. Combined Sections Meeting, Virtual. Education Academy, ePoster. January 2021.

- 2020 **Miller, L.K.** Utilization of Therapy Services Among Patients with Multiple Sclerosis. CMSC Annual Meeting in Orlando, FL May 2020. (Virtual)
- 2019 Hawkins, C., **Miller. L.**, Back, B., Huff, K., Zylich, M. TUFF: A New Outcome Measure to Customize Treatment and Improve Fall Recovery in Adults with Neurological Disorders. APTA Combined Sections Meeting, Washington D.C, January 2019
- 2013 O'Bryan A, Camic D, **Miller L** & Wiegand M. The Effects of Tai Chi Balance Intervention on Fall Risk in People with Multiple Sclerosis. American Physical Therapy Association Combined Sections Meeting, San Diego, CA 2013.

INVITED PROFESSIONAL PRESENTATIONS

- 2024 Bellarmine University Student Summit: Experiential Learning
- 2012-present Bellarmine University Neurological Residency Lectures
Spinal Cord Injury, Multiple Sclerosis
Occurs annually (3 hours each in duration)
- 2017 KPTA-approved continuing education course "Maintenance Therapy in Home Health"
Louisville, KY (3 hours)
- 2014 KPTA-approved continuing education course "Vestibular Rehabilitation"
Louisville, KY
- 2014 KPTA-approved continuing education course "MS: from Diagnosis to Treatment"
Louisville, KY
- 2011 Norton Neuro Spine Rehab Lunch & Learn Series
Louisville, KY

CONTINUING EDUCATION COURSES TAUGHT

- 2021 Multiple Sclerosis: The Basics (Home CE, 2 hours)
- 2021 Understanding & Treating Multiple Sclerosis (Home CE, 2 hours)
- 2021 Treatment of Multiple Sclerosis (Advantage CE, 3 hours)
- 2021 Stroke – An Evidence-Based Review (Advantage CE, 4hours)
- 2021 Neuroplasticity (Advantage CE, 2 hours)
- 2013 – 2017 Stroke Recovery (Summit Professional Education, 6 hours)

ABSTRACTS AND REFEREED PRESENTATIONS:

1. Danzl M, Crandell C, Ennis E, Granada T, Hall-Bibb D, Hartmann J, Kerr L, Lonnemann P, **Miller L**, Pariser G, Ulanowski E. Telehealth Service-Learning Clinics to Meet Community and Physical Therapy Student Needs During a Pandemic. American Physical Therapy Association. Combined Sections Meeting, Virtual. Education Academy, ePoster. January 2021.
2. Danzl M, Crandell C, Ennis E, Granada T, Hall-Bibb D, Hartmann J, Kerr L, Lonnemann P, **Miller L**, Pariser G, Ulanowski E. Telehealth Service-Learning Clinics to Meet Community and Physical Therapy Student Needs During a Pandemic: An Educational Case Report. World Physiotherapy Congress 2021 online. ePoster. April 9-11, 2021.
3. **Miller, L.K.** (2020). Utilization of Therapy Services Among Patients with Multiple Sclerosis. CMSC Annual Meeting in Orlando, FL MAY 2020.
4. Hawkins, C., **Miller, L.K.**, Huff, K., Zylik, M., Back, B. (2019) TUFF: A New Outcome Measure to Customize Treatment and Improve Fall Recovery in Adults with Neurological Disorders. APTA CSM in Washington D.C.
5. O'Bryan A, Camic D, **Miller L** & Wiegand M. The Effects of Tai Chi Balance Intervention on Fall Risk in People with Multiple Sclerosis. American Physical Therapy Association Combined Sections Meeting, San Diego, CA 2013.

OTHER RESEARCH PROJECTS

2018	Hawkins, C., Miller, L. , Druien, M., Gilbert, T., Herbe, F., Mangold, B. Utilization of the TUFF Outcome Measure and Grip Strength on Fall Recovery for Elderly Individuals. (Completed as DPT Community Partner & Capstone Project)
2015-2017	Balance pre & post-surgical intervention for scoliosis (Interventionist for Norton Leatherman Spine Institute)

THESIS

2017	Dosing of Education for Patient Newly Diagnosed with Multiple Sclerosis Successfully defended February 2013 virtually
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CURRENT/ACTIVE RESEARCH ACTIVITY

- Active Knights – IRB approved in 2025, journal submitted for publication

PAST TEACHING RESPONSIBILITIES, BELLARMINE UNIVERSITY

Undergraduate:

EXSC 110	Introduction to Exercise Science (3 credits)
EXSC 140	Principles of Personal Wellness (3 credits) – Spring 2025
EXSC 325	Kinesiology (3 credits)
EXSC 330	Motor Learning (3 credits)
EXSC 430	Exercise in Chronic Disease (3 credits)
EXSC 444	Internships (varies)
HLTH 120	Medical Terminology (3 credits) - Online

Graduate:

PT 505	Teaching & Learning in Physical Therapy (2 credits)
PT 524	Introduction to Acute Care (3 credits)
PT 548	Neurology (3 credits)
PT 591/691	Service Learning (3 credits)
HLTH 635	Designing & Planning Health Promotion Programs (3 credits)

PAST TEACHING RESPONSIBILITIES, UNIVERSITY OF SAINT AUGUSTINE

HSC5735	Evidence-Informed Practice I (2 credits)
PHT5103	Critical Thinking II (1 credit)

SERVICE: UNIVERSITY/COLLEGE

- PhD Dissertation Committee Chair (Ashlee Snyder- Cox) – Spring 2026
- PhD Dissertation Committee Chair (Ruth Ojoemelum) – Spring 2026
- Committee Member, PhD Dissertation (Mundeke Wembo) – Breast Cancer
- Committee Member, PhD Dissertation (Olasehinde Adebayo), Fall 2025

- Board of Trustee – Athletics Committee – Fall 2025 – Spring 2026
- Committee Member, PhD Dissertation (Amy Thompson), defended July 2025
- Thesis Reader (Coral Brogan) – Spring 2025
- President’s Task Force: Experiential Learning, started Fall 2024
- Peer Teaching Evaluation (Dr. Callie Latham), completed November 2023
- Special Committee – Summer Task Force (Summer 2023)
- Residency Mentor/Lecturer (Norton/Bellarmino Neuro Residency Program) (2012-current)
- Member, Faculty Search Committee (Assistant Professor, Public Health), chaired by: Jessica Hume (Fall 2022); Successful Candidate Hired: Madeline Thompson, PhD
- Faculty Council Representative, School of Movement and Rehabilitation Sciences (2020 – 2022, 2022-2024)
- Remote Work/Return to Campus Task Force (Spring 2021 – Fall 2021)
- Guest Lecturer – PT 602 Neurology (Multiple Sclerosis) (2015 – present, every summer)
- Member, Academic Advising Advisory Council (Spring 2020 – Spring 2021)
- Honors Thesis Reader (Marley Alexander, Exercise Science Student) – Spring 2020
- Member, Faculty Search Committee (Physical Therapy - ADCE), chaired by: Beth Quinn (Spring 2020)
- Member, Faculty Search Committee (Physical Therapy faculty), chaired by: Beth Quinn (Spring 2020)
- Member, Faculty Search Committee (Respiratory Therapy), chaired by: Carol Smith (Spring 2019)

SERVICE: DEPARTMENT

- Recruitment events as needed
- Scheduling/overseeing Exercise Science Service-Learning Clinic (Spring 2018 – 2020)
- Student advising (each semester, 10-15 students)

SERVICE: PROFESSION

- Item writer: Multiple Sclerosis Certified Specialist exam (MSCS) – 2016, 2021
- Item writer: Assistive Technology Provider exam (ATP) – January 2021

CONTINUING EDUCATION/PROFESSIONAL DEVELOPMENT

- 2022 – Renewed Board-Certified Clinical Specialty in Neurologic Physical Therapy
- 2022: LSVT BIG Re-certification (virtual, 2.5 hours)
- 2021: Consortium of Multiple Sclerosis Centers Annual Meeting (virtual)
- 2021: American Physical Therapy Association Combined Sections Meeting (virtual)
- 2019: American Physical Therapy Association Combined Sections Meeting (Washington, DC)
- 2015: Consortium of Multiple Sclerosis Centers Annual Meeting (Indianapolis, IN)