CURRICULUM VITAE

Rachel Wellons, PT, DPT, Board Certified Clinical Specialist in Neurologic Physical Therapy

Date: February 18, 2025
School: Allied Health
Department/Program: Physical Therapy

Current Title: Clinical Associate Professor of Physical Therapy
Business Address: 1900 Gravier Street, Office 71C
Business Telephone: 504-568-4284
Business email Address: rtromm@lsuhsc.edu

Initial Appointment at LSUHSC Date: January 1, 2011
Current Academic Rank: Clinical Associate Professor
Date of Appointment to Current Rank: July 1, 2018

Education:

University of Scranton
Scranton, PA
August 1998-May 2002
Physical Therapy
B.S. in Health Sciences

University of Scranton
Scranton, PA
June 2002-May 2003
Physical Therapy
Masters of Physical Therapy

Thomas Jefferson University
Philadelphia, PA
January 2006-December 2006
Physical Therapy
Doctor of Physical Therapy

Certification:

Board Certified Clinical Specialist in Neurologic Physical Therapy
American Board of Physical Therapy Specialists
Initial Certification: June 2009-June 2019
Recertification: June 2018-June 2029
MOCS Recertification: 1st round June 2022

Licensure:

Physical Therapy License #07997, Louisiana State Board of Physical Therapy Examiners, effective 1/1/2011 and expires 4/1/2026
Previously held licenses in New Jersey and Pennsylvania

Academic, Professional, and Research Appointments:

Staff Physical Therapist
RehabCare Group
Philadelphia, PA
October 2003-June 2004

Staff Physical Therapist
The Graduate Hospital
Philadelphia, PA
July 2004-August 2005

Thomas Jefferson University Hospital
Philadelphia, PA
Staff Physical Therapist September 2005-June 2007
Advanced Clinician I June 2007-May 2008
Neurological Clinical Specialist May 2008-December 2010

Adjunct Faculty
Drexel University
Philadelphia, PA
April 2010-June 2010
January 2010-March 2010
April 2009-June 2009

Adjunct Faculty
Thomas Jefferson University
Philadelphia, PA
January 2010-May 2010

Clinical Assistant Professor of Physical Therapy January 2011 – June 2018
Clinical Associate Professor of Physical Therapy July 2018-Present
Louisiana State University Health New Orleans
New Orleans, LA

Awards and Honors:

Outstanding Graduate in Physical Therapy
University of Scranton
May 2003

STAR Award
Thomas Jefferson University Hospital
September 2010

School of Allied Health Professions Award for Clinical Excellence
LSU Health Sciences Center, School of Applied Health Professions
December, 2016

School of Allied Health Professions Award for Service Excellence
LSU Health Sciences Center, School of Applied Health Professions
June 2022

Teaching Awards:

Excellence in Education
Thomas Jefferson University Hospital, Department of Rehabilitation
October 2008

Excellence in Education
Thomas Jefferson University Hospital, Department of Rehabilitation
October 2009

TEACHING EXPERIENCE AND RESPONSIBILITIES

Curriculum Development/Implementation

All faculty participate in curriculum evaluation, development, and implementation. Every year faculty contributed to a shared document about major changes. We meet for approximately 8 hours, reviewing changes, feedback from our stakeholders (students, employers of our students, clinical instructors) and curricular documents. The faculty work together on making necessary changes. If a particular topic requires more work faculty are separated into small groups to work on these changes. I've participated in several of these smaller groups looking at making changes to credits/sequencing of coursework, pain neuroscience, and pediatric physical therapy.

Creation of Enduring Teaching Materials

In my time at LSU Health New Orleans I've created several forms of enduring teaching material. During the COVID pandemic, I recorded all of my lectures (see classes below for the scope of material), though those resources were created in 2020-2021 and have been and will need to be updated as time proceed. Furthermore I also created videos in 2020-2021 of all of the hands on skills that I instruct for Evidence-based PT I (Neuro exam skills), Diagnosis and Management of Neuromuscular Disorders I and II (neuro exam skills, mobility techniques skills, and intervention skills).

Formal Course Responsibilities

PHTH 7130: Foundational Science of Movement
Lecture
Lecturer, 2011-2017 (2 hours per year)

PHTH 7110 Introduction to Professional Practice in Physical Therapy
Lecture, Large Group Discussion
Course Coordinator and Lecturer, 2017-present (13 hours per year)

PHTH 7101 Evidence Based Physical Therapy I: Clinical Analysis
Lab, Small Group Discussion
Lab Assistant, 2011 (64 hours)
Lecturer/Lab Session Leader 2016-present (12 hours per year)
Small Group Discussion, Lab Leader, Clinical Supervisor 2011-present (12 hours per year)

SPTHAUD 7323 Advanced Vestibular Testing & Rehabilitation
Lecture, Large Group Discussion, Small Group Discussion, Clinical Education
Lecturer, 2012-Present (3 hours per year)

PHTH 7135 Human Development Across the Lifespan
Lecture, Large Group Discussion, Small Group Discussion
Lecturer, 2016-2018 (3 hours per year)
Course Coordinator, 2019-2024
Lecturer, 2019-2024 (9 hours per year)

PHTH 7102 Evidence Based Physical Therapy II
Lab
Small Group Discussion, Lab Leader, Clinical Education 2011-present (13 hours per year)

PHTH 7241 Neuroscience I
Lab
Lab Assistant 2011 and 2013 (12 hours)

PHTH 7270 Diagnosis and Management of Neuromuscular Dysfunction I
Lecture, Lab, Large Group Discussion, Small Group Discussion, Clinical Education
Course Coordinator, Lecturer, Lab Assistant, Clinical Education Supervisor
2017-present, 90 total hours per year (41 lecture, 34 lab, 15 Clinical Education Supervisor)

PHTH 7233 Neuroscience II
Lecture
Course Coordinator and Lecturer
2011-2016 (32 hours per year)

PHTH 7240 Motor Behavior
Lecture, Lab, Large Group Discussion, Small Group Discussion, Clinical Education
Course Coordinator, Lecturer, Lab Leader, Clinical Education Supervisor
2011-2017, 87 total hours per year (31 lecture, 35 lab, 21 Clinical Education Supervisor)

PHTH 7233 Therapeutic Interventions
Lecture, Lab
Lecturer, Lab Leader
2012-present, 15 hours total (3 lecture, 12 lab)

Faculty Facilitator, Integrated Case-Based Application Lab
Lab, Small Group Discussion
2012 – present, 6 hours per year

PHTH 7271 Diagnosis & Management of Neuromuscular Dysfunction
Lecture, Lab, Large Group Discussion, Small Group Discussion, Clinical Education
Course Coordinator and other roles listed above
2011-2017, 119 hours per year total per year (35 Lecture, 63 Lab, 21 Clinical Education Supervision)

PHTH 7271 Diagnosis & Management of Neuromuscular Dysfunction II
Lecture, Lab, Large Group Discussion, Small Group Discussion, Clinical Education
Course Coordinator and other roles listed above
2018-present, 127 total hours per year (52 Lecture, 60 Lab, 15 Clinical Education)

PHTH 7243 Neurosciences III
Lecture, Large Group Discussion
Lecture
Course Coordinator and Lecturer
2011-2017, 24 hours per year

PHTH 7234
Prosthetics & Orthotics in PT
Lecture, Lab, Small Group Discussion, Large Group Discussion
2012-Present, 34 total hours per year (12 lecture, 21 lab)

Integrated Case Application Lab DPT II
2012 – present, 4 hours per year

Undergraduate, Medical, or Graduate Student Research Projects

Banta R, Ortego M, Julian A, Mahoney R, Hoychick K. Effect of robotic assisted therapy on functional upper extremity outcome in patients with stroke.
Physical Therapy Department: LSU Health Sciences Center New Orleans
Capstone Project; Class of 2012
Research Advisor

Day L, Niland A, Matherne L. Effect of hippotherapy on function in a child with an acquired brain injury.
Physical Therapy Department: LSU Health Sciences Center New Orleans
Capstone Project; Class of 2012
Research Advisor

Comeaux A, Blaylock L, Danna E. The use of the Kinect system on balance and gait in an individual with stroke.
Physical Therapy Department: LSU Health Sciences Center New Orleans
Capstone Project; Class of 2013
Research Advisor

Buttone L, Dicharry D, Dupont R. The use of the five repetition sit to stand test (FRSTST) in assisted living populations.
Physical Therapy Department: LSU Health Sciences Center New Orleans

Capstone Project; Class of 2013
Research Advisor

Guidry H, Lafont A. Physicians' knowledge and practice patterns for patients with vestibular disorders.
Physical Therapy Department: LSU Health Sciences Center New Orleans
Capstone project; Class of 2014
Research Advisor

Allen A, Sehrt E, Stancliffe T. Use of an optokinetic stimulation DVD on reduction of visual vertigo.
Physical Therapy Department: LSU Health Sciences Center New Orleans
Capstone Project; Class of 2014
Research Advisor

Jones D, Kurtz K, Riley E. Effects of robotic therapy on quality of life and functional recovery in stroke.
Physical Therapy Department: LSU Health Sciences Center New Orleans
Capstone Project; Class of 2014
Research Advisor

Bissell A, Knecht L, Naquin C. The impact of anxiety and depression on outcome measures in patients with vestibular disorders.
Physical Therapy Department: LSU Health Sciences Center New Orleans
Capstone Project; Class of 2015
Research Advisor

Evans S, Guasco S, Gvoich M. Normal values for the modified clinical test of sensory interaction in balance for patients with vestibular disorders.
Physical Therapy Department: LSU Health Sciences Center New Orleans
Capstone Project; Class of 2016
Research Advisor

Dobies K, Montgomery M, Rech E. Normal gait speed values for patients with vestibular disorders.
Physical Therapy Department: LSU Health Sciences Center New Orleans
Capstone Project; Class of 2016
Research Advisor

Arceneaux B, Frances E, Shropshire T. The effects of early PT on recovery from neurological symptoms in adolescent athletes with concussion.
Physical Therapy Department: LSU Health Sciences Center New Orleans
Capstone Project; Class of 2017
Research Advisor

Boyle C, Salzer K, Shea B. Use of a decision tree on the impact of falls in the assisted living population.
Physical Therapy Department: LSU Health Sciences Center New Orleans
Capstone Project; Class of 2017
Research Advisor

Denison C, Leumas C. Impact of a wellness program for individual with incomplete Spinal Cord Injury: A pilot study.
Physical Therapy Department: LSU Health Sciences Center New Orleans
Capstone Project; Class of 2017
Research Advisor

Balint J, Credeur H, Dufrene R, Pepperman E. The impact of vestibular rehabilitation on activity level of patients with vestibular disorders.
Physical Therapy Department: LSU Health Sciences Center New Orleans
Capstone Project; Class of 2018
Research Advisor

Diaz G, Gonzalez C, Johnson M, Steen B. Validation of Stepwatch Activity Monitor in assessing physical activity in individuals with vestibular disorders.
Physical Therapy Department: LSU Health Sciences Center New Orleans
Capstone Project; Class of 2018
Research Advisor

Dunne J, Epling S, Logan G, MacDougall L, Macaluso K, McConnell D. Impact of boxing exercise on activity, balance, gait and quality of life in Parkinson's patients.
Physical Therapy Department: LSU Health Sciences Center New Orleans
Capstone Project; Class of 2019
Research Advisor

Leboeuf L, McNeill K, Sherwood C, Talley L, Varisco T. Minimal clinically important difference in the Activities-Specific Balance Confidence Scale for individuals with vestibular disorders.
Physical Therapy Department: LSU Health Sciences Center New Orleans
Capstone Project; Class of 2020
Research Advisor

Drude T, Kurtz K, Metzger P, Sothern J. Minimal clinically important difference in gait speed for individuals with vestibular disorders.
Physical Therapy Department: LSU Health Sciences Center New Orleans
Capstone Project; Class of 2020
Research Advisor
Keller B, Nguyen V, Schmidt M, Smith G, Snellgrove M, Webb J. Investigating health disparities and outcomes in outpatient vestibular rehabilitation.
Physical Therapy Department: LSU Health Sciences Center New Orleans
Capstone Project; Class of 2021
Research Advisor
Received Best Capstone Defense Award, Department of Physical Therapy, 2021.

Crawford A, Dares E, LeJeune S, Nguyen T, Troxler C, Uzee S. The impact of physical therapy interventions on post concussive symptoms sustained during military service: a systematic literature review.
Physical Therapy Department: LSU Health Sciences Center New Orleans
Capstone Project; Class of 2022
Research Advisor

Cazenave S, Hood J, Lane A, Temonia E, Watlington P. A comparison of in-clinic versus telehealth vestibular physical therapy.
Physical Therapy Department: LSU Health Sciences Center New Orleans
Capstone Project; Class of 2022
Research Advisor

Jones W, Schiro T, Struble T. Cervical spine range of motion, pain, and disability in individuals with vestibular disorders.
Physical Therapy Department: LSU Health Sciences Center New Orleans
Capstone Project; Class of 2024
Research Advisor

Dugas C, Gerrets A, Goff L, Hauth E, Schouest E. Investigating the ability of vestibular rehabilitation therapists in vestibular-ocular reflex exercise instruction
Physical Therapy Department: LSU Health Sciences Center New Orleans
Capstone Project; Class of 2025
Research Advisor

Formal Mentoring and Advisor:
Number of students that I have advised in my time at LSU Health New Orleans

- Academic Year 2011-2012: 8
- Academic Year 2012-2013: 13
- Academic Year 2013-2014: 18
- Academic Year 2014-2015: 16
- Academic Year 2015-2016: 16
- Academic Year 2016-2017: 19
- Academic Year 2017-2018: 19
- Academic Year 2018-2019: 18
- Academic Year 2019-2020: 15
- Academic Year 2020-2021: 14
- Academic Year 2021-2022: 14
- Academic Year 2022-2023: 24
- Academic Year 2023-2024: 24
- Academic Year 2024-2025: 21

RESEARCH AND SCHOLARSHIP

Grants and Contracts:

Funded

Grant Title: Research Travel Grant
Funding Agency: LSU Health School of Allied Health Professions
Total Funding Amount: $488
Role on Grant: PI
Funding Period: June, 2015
Percent Effort: N/A

Grant Title: Educational Enhancement Grant Travel Award
Funding Agency: LSU Health Sciences Center New Orleans Teaching Academy Total Funding Amount: $750
Role on Grant: PI
Funding Period: July, 2016
Percent Effort: N/A

Grant Title: Impact of Vestibular Rehabilitation on the Physical Activity Level of Individuals with Vestibular Disorders
Funding Agency: Dean's Intramural Grant, LSU Health School of Allied Health Professions
Total Funding Amount: $9,361.36
Role on Grant: PI
Funding Period: March 29, 2017 – June 29, 2018
Percent Effort: N/A

Grant Title: Virtual Tai Chi Program for People with Mild to Moderate Parkinson Disease and Their Caregivers in Community with Diversity.
Funding Agency: Parkinson Foundation Community Grant
Role on Grant: Co-PI
Total Funding Amount: $6,254.00.
Funding period: July 1, 2024 to June 30, 2025
Percent Effort ***(Howe fill this in)***

Grant Title: Research Travel Grant
Funding Agency: LSU Health School of Allied Health Professions
Total Funding Amount: $1521
Role on Grant: PI
Funding Period: October, 2024
Percent Effort: N/A

Recent non-funded applications

Grant Title: Investigating the Effectiveness of Vestibular Rehabilitation Therapist in Delivery of Vestibulo-Ocular Reflex (VOR) X 1
Funding Agency: Dean's Intramural Grant, LSU Health School of Allied Health Professions
Total Funding Amount: $4787
Role on Grant: PI
Percent Effort: N/A

Major Area of Research Interest:

My research focuses on clinical translational research in neurologic physical therapy, aiming to bridge the gap between scientific discovery and practical application in rehabilitation. I investigate the efficacy of physical therapy interventions for individuals with neurologic disorders, with a particular emphasis on factors influencing rehabilitation outcomes, such as balance and gait. Additionally, my work explores outcome measures for assessing balance, gait, and fall risk in elderly individuals and those with neurologic conditions to enhance clinical decision-making. I am also dedicated to educational scholarship in neurologic physical therapy, striving to advance teaching methodologies and improve the training of future clinicians in this specialized field.

Journal Publications:

Refereed

Trommelen RD*, Hebert L, Nelson TK. "Impact on physical therapy and audiology students of an interprofessional case-based learning experience on knowledge of the diagnosis and treatment of individuals with vestibular disorders". *Journal of Allied Health*. 2014;43(3): 194-200.
Published: 2014
Accepted: 2014
Submitted: 2013

Trommelen RD*, Buttone LF, Dicharry DZ, Jacobs RD, Karpinski AC. The use of the five repetition sit to stand test to assess fall risk in the assisted living population. *Physical and Occupational Therapy in Geriatrics*. 2015;33(2):152-162.
Published: 2015
Accepted: 2015
Submitted: 2014

Trommelen RD*, Karpinski A, Chauvin S. Impact of Case-Based learning and reflection on clinical reasoning and reflection abilities in physical therapy students. *Journal of Physical Therapy Education.* 2017;31(1): 21-30.
Published: 2017
Accepted: 2016
Submitted: 2016

MacDowell SG, **Wellons RD**, Bissell A, Knecht L, Naquin C, Karpinski A. The impact of anxiety and depression on subjective and objective outcome measures in individuals with vestibular disorders. *Journal of Vestibular Research*. 2017. 27(5-6):295-303.
Published: 2017
Accepted: 2017
Submitted: 2016

Wellons RD*, Duhe SE, MacDowell SG, Diaz G, Johnson M, Poche C, Steen BC. Validation of the StepWatch activity monitor in individuals with vestibular disorders. *Physiotherapy Theory and Practice*. 2019; Oct 10;1-7. doi: 10.1080/09593985.2019.1675208.
Published: 2019
Accepted: 2019
Submitted: 2018

Wellons RD*, Duhe SE, MacDowell SG, Hodge A, Oxborough S, Levitzky EE. Estimating the minimal clinically important difference for balance and gait outcome measures in individuals with vestibular disorders. *Journal of Vestibular Research*. 2022. doi: 10.3233/VES-201630
Published: 2022
Accepted: 2022
Submitted: 2021

Wellons RD*, Duhe SE, MacDowell SG, Oxborough S. Investigating health disparities in vestibular rehabilitation. *Journal of Vestibular Research. 2024. 34(4). 205-24. doi: 10.3233/VES-240002.*
Published: 2024
Accepted: 2024
Submitted: 2023

Non-refereed
Kishner A, Cao CT, **Trommelen RD**. Bracing for Arthritis. *Medscape*. Nov 9, 2012. http://emedicine.medscape.com/article/2036314-overview
Published: 2012
Accepted: 2012
Submitted: 2012

H-Index/indices:

	All	Since 2020
Citations	117	86
h-index	6	6
i10 - index	5	5

Book Chapters:

Reviewer for selected chapters: Herdman S, Clendaniel RA. Vestibular Rehabilitation, 4th ed. 2014.

Contributing Editor and Co-Author (Chapters 9 and 30): Fell DW, Lunnen KY, Rauk RP. *Lifespan Neurorehabilitation: A patient-centered Approach from Examination to Interventions and Outcomes.* Philadelphia, PA: F. A. Davis. 2018.

Scientific Presentations/Published Abstracts/Oral Sessions and Posters:

International
Wellons RD, Duhe SE, MacDowell SG, Diaz G, Poche C, Johnson M, Steen B. Validation of the StepWatch activity monitor in individuals with vestibular disorders. Presented at the International Conference for Vestibular Rehabilitation. August 17, 2018. Chicago, IL.
Poster

Wellons RD, Duhe SE, MacDowell SG, Oxborough S, Levitzky EE, Hood AJ, Watlington P. Vestibular rehabilitation delivered via telehealth vs. in-person equally effective at dizziness symptom reduction. Presented at the International Conference for Vestibular Rehabilitation. October 15, 2022. Minneapolis, MN.

National
Trommelen RD, Hebert L, Nelson TK. Impact on physical therapy and audiology students of an interprofessional case-based learning experience on knowledge of the diagnosis and treatment of individuals with vestibular disorders. Presented at the American Physical Therapy Association Combined Sections Meeting. February, 2013. Chicago, IL.

Poster

Trommelen RD, Blaylock L, Comeaux A, Danna E. Use of the Microsoft Kinect for Xbox 360 to improve balance, gait speed, endurance, and quality of life in a female with chronic stroke: a case study. Presented at the American Physical Therapy Association Combined Sections Meeting. February 5, 2014. Las Vegas, NV.
Poster

Management of Atypical Vestibular Disorders: Beyond BPPV, Vestibular Neuritis, and Acoustic Neuroma. **Trommelen RD**, Morris L, Holmberg J. Presented at the American Physical Therapy Association Combined Sections Meeting. February 5, 2014. Las Vegas, NV.
Peer Reviewed Educational Presentation (2 hours)

Trommelen RD, Buttone LF, Dicharry DZ, Jacobs RD, Karpinski AC. The use of the five repetition sit to stand test to assess fall risk in the assisted living population. Presented at the American Physical Therapy Association Combined Sections Meeting. February 6, 2014. Las Vegas, NV.
Poster

Fell DW, **Trommelen RD**. Is your NeuroIntervention Balanced? Blending Tradition with Cutting-edge Evidence. Presented at the American Physical Therapy Association NEXT Conference (Also selected for Virtual Conference). June 14, 2014. Charlotte, NC.
Peer Reviewed Educational Presentation (2 hours)

Trommelen RD, Karpinski A, Chauvin S. Impact of Case-Based learning and reflection on clinical reasoning and reflection abilities in physical therapy students. Presented at the American Physical Therapy Association Combined Sections Meeting. February, 2015. San Antonio, TX

MacDowell SG, **Wellons RD**, Bissell A, Knecht L, Naquin C, Karpinski A. The impact of anxiety and depression on subjective and objective outcome measures in individuals with vestibular disorders. Presented at the American Physical Therapy Association Combined Sections Meeting. February 2016. Anaheim, CA.
Poster

IV STEP. Spinal Cord Injury Case Discussions. July 15-19, 2016. Columbus, OH.
Peer Reviewed Onsite Case Facilitator (6 hours)

Evaluation and Treatment of Motion Induced Disorders. Oxborough S, **Wellons RD**. Presented at the American Physical Therapy Association Combined Sections Meeting. February 16, 2017. San Antonio, TX.
Peer Reviewed Educational Presentation (2 hours)

Wellons RD, Duhe SE, MacDowell SG, Diaz G, Johnson M, Poche C, Steen BC. Validation of the StepWatch activity monitor in individuals with vestibular disorders. Presented at the American Physical Therapy Association Combined Sections Meeting. February 22, 2018. New Orleans, LA.
Poster

Rodriguez K, **Wellons RD,** Denison CR, Leumas C. 12-week physical therapy designed wellness program in patients with chronic incomplete spinal cord injuries. Presented at the American Physical Therapy Association Combined Sections Meeting. February 22, 2018. New Orleans, LA.
Poster

Wellons RD, Doucet BM, Levitzky EG. Impact of an interprofessional stroke clinic on the teamwork and clinical reasoning abilities of physical and occupational therapy students. Presented at the American Physical Therapy Association Combined Sections Meeting. February 24, 2018. New Orleans, LA.
Poster

Wellons RD, MacDowell SG, Duhe SE. Impact of vestibular rehabilitation on physical activity of individuals with vestibular disorders. Presented at the American Physical Therapy Association Combined Sections Meeting. January 26, 2019. Washington, DC.
Poster

More than meets the eye (or ear): Meniere's disease vs. Vestibular Migraine. **Wellons RD**, Hodge A, Miles A. Online education course for the Academy of Neurologic Physical Therapy Synapse Education Center. Academy of Neurologic Physical Therapy Synapse Learning Center Available 2019.
Peer Reviewed Online Education Presentation (2 hours)

Wellons RD, Duhe SE, MacDowell SG, Hodge A, Oxborough S, Levitzky EE. Estimating the minimal clinically important difference for balance and gait outcome measures in individuals with vestibular disorders.
Presented at the American Physical Therapy Association Combined Sections Meeting. February, 2021. San Antonio, TX.
Poster

Wellons RD et al. Investigating health disparities in Vestibular Rehabilitation. Presented at the American Physical Therapy Association Combined Sections Meeting. February 4, 2022.
Poster
Received Award for Best Vestibular Rehabilitation Poster.

Persistent postural perceptual dizziness: navigating waters of uncertainty. **Wellons RD,** Holmberg J. Presented at the American Physical Therapy Association Combined Sections Meeting. February 4, 2022. San Antonio, TX.
Peer Reviewed Educational Presentation (2 hours)

The big five: a novel movement-based classification approach to neurorehabilitation education for doctor of physical therapy students. **Wellons RD.** Presented at the Academy of Neurologic Physical Therapy Annual Conference. October 14, 2022. Minneapolis, MN.
Peer Reviewed Educational Presentation (2 hours)

PPPD, Vestibular Migraine, and MdDS – Oh My! How to use the Bárány Society Diagnostic Criteria. **Wellons RD,** Stoskus J**.** To be presented at the Academy of Neurologic Physical Therapy Annual Conference. September 21, 2024. Colombus, Ohio.
Peer Reviewed Educational Presentation (2 hours)

Wellons RD, Duhe S, MacDowell S, Jones R, Schiro, Struble C. Cervical Spine Range of Motion, Pain, and Disability in Individuals with Vestibular Dysfunction. Presented at the American Physical Therapy Association Combined Sections Meeting. February 13, 2025. Houston, TX.
Poster

Critical conversations and practical management strategies for patients with persistent postural perceptual dizziness (PPPD). **Wellons RD,** MacDowell SG. American Physical Therapy Association Combined Sections Meeting. February 2025. Houston, TX.
Peer Reviewed Educational Presentation (2 hours)

Wellons RD. A new way of looking at gait in neurologic populations. Brain Injury Association of Louisiana and United Spinal Cord Injury Association of Louisiana 16th Annual Conference. March 28, 2025
Peer Reviewed Educational Presentation (1.5 hours)

Atiyeh K, **Wellons RD**. Effects of dry needling for functional movement disorder: A Case Study. Presented at the American Physical Therapy Association Combined Sections Meeting. February 13, 2025. Houston, TX.
Poster

State
Trommelen RD. Vestibular Rehabilitation Outcomes in Two Individuals with a Unilateral Vestibular Loss from a Facial Neuroma: A Case Series. Presented at the Louisiana State Physical Therapy Association Fall State Meeting. September 16, 2011. Baton Rouge, LA.

Day L, Niland A, Matherne L, **Trommelen, RD**. Effect of hippotherapy on Function in a Child with an acquired brain injury. Presented at the Louisiana Physical Therapy Association Fall State Meeting, September 21 2012. Baton Rouge, LA.
Poster

Invited Presentations:

Update on Motor Control and Motor Learning: Tulane University Hospital, Department of Rehabilitation Medicine. 2011. New Orleans, LA.

Vestibular Rehabilitation. Trommelen RD. Touro Hospital, Department of Rehabilitation Medicine. September 25, 2013. New Orleans, LA.

Oculomotor Function following Mild Traumatic Brain Injury. Presented at Ochsner Physical Therapy. August 7, 2016. New Orleans, LA.

Vestibular Rehabilitation. Presented at Louisiana State Audiology Association State Meeting. September 16, 2016. New Orleans, LA.

Health Disparities in Vestibular Rehabilitation. Presented for the Vestibular SIG Facebook Live Educational Event. August 4, 2023.

Vestibular Rehabilitation for Primary Care Physical Therapists. Presented for the Primary Care Special Interest Group of the Federal Section of the American Physical Therapy Association. **Wellons RD**, Roberts H, Esmonde H, and Campbell H. Presented virtually. October 18, 2023.

Postural Perceptual Dizziness: PT Differential Diagnosis and Critical Conversations. Presented for Northwell Health System 8th Annual Vestibular Symposium. Virtual. November 8, 2023

Vestibular Rehabilitation Case Application. Presented for the Primary Care Special Interest Group of the Federal Section of the American Physical Therapy Association. **Wellons RD**, Esmonde H. Presented virtually. November 30, 2023.

What is Vestibular Rehabilitation? Tufts Doctor of Physical Therapy Program January 19, 2024; American Physical Therapy Association of New York, Student Special Interest Group February 26, 2024.

Getting to the Heart of the Matter: Physical Therapy and Dysautonomia. American Physical Therapy Association Louisiana Spring Meeting. Lafayette, LA. March 23, 2024.

Ask the Expert: Vestibular Physical Therapist. Vestibular Disorders Assocation. Life Rebalanced Conference. March 4, 2024.

Grant Reviewer:

Topsakal V, Reynders M. Clinical application of virtual reality goggles in diagnosis and treatment of vertigo. 2022.
Funding Agency: Scientific Fund Willy Gepts, Netherlands.

Editorial Posts and Activities:

Reviewer:

- Journal of Physical Therapy Science, 2018 (1 manuscript)
- Journal of Vestibular Research, 2023 (1 manuscript)
- Journal of Neurologic Physical Therapy, 2023-2024 (3 manuscripts)
- Frontiers in Rehabilitation Science, 2024 (1 manuscript)
- Journal of Racial and Ethnic Health Disparities, 2024 (1 manuscript)

Other Research Contributions
BAFIN (Balance and Falls in Neurologic Population) and Hypofunction CPG (Clinical Practice Guidelines) reviews

SERVICE AND ADMINISTRATION
University/Institutional Service:

Academy for the Advancement of Educational Scholarship
Fall Symposium Planning Committee
2012

School of Allied Health Faculty Assembly
School of Allied Health Professions
2012-2016 Member
Member

Academy for the Advancement of Educational Scholarship
2011-2017 Member
Master Teacher Level
2015-2017 Team Leader: Scholarship Team

School of Allied Health Professions
2014-2017 Alumni Committee Chair
2011-2014 Alumni Committee Member

School of Allied Health Professions
Recruitment Committee
2019-2021 Member

School of Allied Health Professions
Honors Committee
2022-present Member

School of Allied Health Professions
Faculty Practice Committee Member
2018-2022 Member
2022-2023 Chair

School of Allied Health Professions
Faculty Development Committee
2022-Present Chair
LSU Health Sciences Center New Orleans

Department of Physical Therapy
Faculty Liaison: Service
2021-present

Department of Physical Therapy
Promotions Committee: DPT II
2011-2017 member
2017-present chair

Department of Physical Therapy
Admissions Committee Member
2011-2016; 2018-2020

Department of Physical Therapy
2016-present
Curriculum Committee Member

National Service:

Vestibular Special Interest Group, Academy of Neurologic Physical Therapy, American Physical Therapy Association
2011-2017 Podcast Coordinator

Vestibular Special Interest Group, Academy of Neurologic Physical Therapy, American Physical Therapy Association
2017-2019 Online Education Director

Vestibular Special Interest Group, Academy of Neurologic Physical Therapy, American Physical Therapy Association
2019-2020 Chair Elect

Vestibular Special Interest Group, Academy of Neurologic Physical Therapy, American Physical Therapy Association
2020-2026 Chair

2021 Academy of Neurologic Physical Therapy Annual Conference presentations.
2021 Educational Presentation Peer Reviewer

Academy of Neurologic Physical Therapy Strategic Planning 2023-2026
2022 Committee Member

International Service:

2nd International Conference for Vestibular Rehabilitation (October, 2022)
2019-2022 Planning Committee Member

Clinical Service:

I maintain an active clinical practice on the LSU Health Sciences Center campus treating individuals with Vestibular Disorders, Imbalance, and Neurologic Disorders in a faculty practice clinic. **Clinic coverage:** 5-8 hours per week, outpatient neurologic physical therapy in the Department of Physical Therapy Faculty Practice Clinic

Membership in Professional Organizations:

American Physical Therapy Association. 2000-Present
Academy of Neurologic Physical Therapy. 2007-Present
Vestibular Special Interest Group. 2007-Present

Community Service Activities:

Audubon Aquarium of the Americas
2019-Present Dive Team Volunteer

Continuing Education Courses Attended:

American Physical Therapy Association Clinical Instructor Credentialing. Philadelphia, PA. 2004

The Neuro-Oncologic Patient. Philadelphia, PA. 2006

Update in Parkinson's Management. Philadelphia, PA. 2007

American Physical Therapy Association Neurology Home Study Course. 2008

Vestibular Rehabilitation: A Competency-Based Course. Atlanta, GA. 2008

8th Annual Stroke Update. Philadelphia, PA. 2009

Combined Sections Meeting; American Physical Therapy Association. San Diego, CA. 2010

Technology Update: Clinical Performance Instrument. Chester, PA. 2010

Expanding Neurological Practice: Advanced Vestibular Rehabilitation. Pittsburgh, PA. 2010
State of Healthcare in the State of Louisiana; Louisiana State University Health Sciences Center. New Orleans, LA. 2011

Combined Sections Meeting; American Physical Therapy Association. New Orleans, LA. 2011

Combined Sections Meeting; American Physical Therapy Association. Chicago, IL. 2012
APTA New Faculty Development Workshop. Indianapolis, IN. 2012

Louisiana State Physical Therapy Association Fall Meeting: Balance Rehabilitation: Translating Research into Evidence-Based Clinical Practice. Baton Rouge, LA. 2013

Combined Sections Meeting; American Physical Therapy Association. Las Vegas, NV. 2014

Upper and Lower-limb Prosthetics and Orthotics for Physicians, Surgeons, and Therapists. Chicago, IL. 2014

Combined Sections Meeting; American Physical Therapy Association. Indianapolis, ID. 2015

Combined Sections Meeting; American Physical Therapy Association. Anaheim, CA. 2016

IV STEP; Academies of Neurologic and Pediatric Physical Therapy. Columbus, OH. 2016

Combined Sections Meeting; American Physical Therapy Association. San Antonio, TX. 2017

Preconference Combined Sections Meeting (Online Education Summit); American Physical Therapy Association. New Orleans, LA. 2018

Combined Sections Meeting; American Physical Therapy Association. New Orleans, LA. 2018

International Conference for Vestibular Rehabilitation. Chicago, IL. 2018

Combined Sections Meeting; American Physical Therapy Association. Washington, DC. 2019

Combined Sections Meeting; American Physical Therapy Association. Denver, CO. 2020

Combined Sections Meeting; American Physical Therapy Association. 2021. Virtual

Combined Sections Meeting; American Physical Therapy Association. San Antonio, TX. 2022

Academy of Neurologic Physical Therapy Annual Conference. Minneapolis, MN. 2022

International Conference for Vestibular Rehabilitation. Minneapolis, MN. 2022
Combined Sections Meeting; American Physical Therapy Association. San Diego, CA. 2023

Vestibular Oriented Research Meeting. Boulder, CO. 2023

Combined Sections Meeting; American Physical Therapy Association. Boston, MA. 2024

Functional Dry Needling; Evidence in Motion. New Orleans, LA. 2024

Academy of Neurologic Physical Therapy Annual Conference. Columbus, OH. 2024

Combined Sections Meeting; American Physical Therapy Association. Houston, TX. 2025