

CURRICULUM VITAE

Suzanne R. O'Brien, PT, PhD, NCS, CEEAA
Associate Professor
Decker College of Nursing and Health Sciences
Division of Physical Therapy
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EDUCATION:

<u>Degree</u>	<u>Year</u>	<u>Institution</u>	<u>Specialization</u>
PhD	2011	University of Rochester School of Nursing	Health Practice Research
MS	1994	University of the Sciences, Philadelphia, PA	Neurologic PT
BS	1988	State University of New York at Buffalo	Physical Therapy

LICENSURE INFORMATION:

<u>State</u>	<u>Year</u>	<u>Type</u>	<u>License Number</u>
New York	1988	Physical Therapy	010131-1
Pennsylvania	1990	Physical Therapy	PT-002146, inactive

CERTIFICATIONS:

<u>Type</u>	<u>Year</u>	<u>Organization</u>
Certified Exercise Expert in Aging Adult	2016-	Academy of Geriatric Physical Therapy
Neurologic Clinical Specialist	1996-	American Board of Physical Therapy Specialities
APTA Level 1 Credentialed Clinical Instructor	2018	American Physical Therapy Association
Mental Health First Aid	2016	National Council for Mental Wellbeing
Cardio-Pulmonary Resuscitation	Expiration 07/31/2026	

PROFESSIONAL EXPERIENCE

<u>Year</u>	<u>Position</u>	<u>Institution</u>
2021-	Associate Professor	Binghamton University
2020-2021	Tenured Assistant Professor	Nazareth College
2011-2020	Assistant Professor/Adjunct Instructor	Nazareth College
2011-2013	Post-Doctoral Researcher	University of Rochester
1997-	Physical Therapist/Supervisor	Unity Health/Rochester Regional Healthcare
1996-1997	Physical Therapist short-term	Prime Professionals, Philadelphia

1995-1996 Physical Therapist Holy Redeemer Home Health Care, Philadelphia

1990-1995 Physical Therapist/Clinical Specialist Magee Rehabilitation Hospital, Philadelphia

1989-1990 Physical Therapist Rochester General Hospital, Rochester

1988-1989 Physical Therapist Millard Fillmore Hospital, Buffalo

Grant Funding:

APTA New York. Arthur J. Nelson Research Designated Fund. "Optimizing Dose Efficiency for Balance Improvement in Older Adults Through Smartphone-Delivered Home-Based Training," Role: PI, proposed start date March 1, 2026. *Under review.* \$10,000

1R01AG095162-01 "STOPFalls: Promoting Sustainable Fall Prevention Practice for Older Adults in Underserved Rural Communities," Role: Co-Investigator, 07/01/2025. \$2,152,624. *Unfunded.*

AWARDS, HONORS, AND RECOGNITION

2024 Fleishman Center for Career and Professional Development Introductory Practice Grant Award. Funded an undergraduate student for one semester. Student: Cianna Geni on the Broome County Senior Falls Risk Study.

2023 Binghamton University Career Champion

2023 Twenty-six Impactful Women of Binghamton University

2022 Authorship/participation: Lugade V, PI; O'Brien S, Co-PI; Yin L, Co-PI
Amount of Funding Awarded: \$10,000
Nature of Project: Longitudinal Home-based Evaluation of Balance and Exercise in Older Adults with and without a History of Falls
Date and Source: June 2022-June 2023; Transdisciplinary Areas of Excellence-Data Science

2021 Binghamton University, Tenured Associate Professor

2020 Nazareth College, Awarded Tenure

2015-2017 Nazareth College Faculty Grant Development Fellowship.

2011-2013 Post-Doctoral Fellow Health Services Research. University of Rochester School of Public Health Sciences. Mentor: Dr. Helena Temkin-Greener, PhD. AHRQ Trainee Grant, 5T32HS000044-21.

2010-2011 American Heart Association Pre-Doctoral Fellowship, #10PRE3060029.

2010 American Physical Therapy Association Health Policy and Administration Section Research Award.

2009 Student award, University of Rochester, School of Nursing.

PUBLICATIONS

Book Chapter

O'Brien, SR. (2026). "Coping with Uncertainty: Using Metacognition as Bridge to Connect Knowledge and Judgement in Ed Markham, J. *The Art and Science of Clinical Reasoning: Enhancing Diagnostic and Decision-Making Skills*. New York, Nova Science Publishers Inc. 1-6.

Peer-Reviewed Journal

Romano D, **O'Brien SR**, Komor T. Advancing Competency-Based Assessment in Physical Therapy Education through Criterion-Referenced Evaluation. *Under review*.

Prokop T, Ruen J, **O'Brien SR**, Huhn K. Exploration of the Impact of Clinical Context on Clinical Reasoning in Physical Therapy. *Under review*.

O'Brien SR, Torbitt M, Silsupadol P, Bautista SI, Turner I, MacDonald G, Mooney K, Lugade V. Prediction of fall incidence in community-dwelling older adults in a rural county using clinically accessible tools: a machine learning approach. *Under review*.

Torbitt M, **O'Brien SR**, MacDonald G, Mooney K, Silsupadol P, Turner I, Bautista S, Lugade V. Differential impacts of psychological and social factors on fear of falling amongst community-dwelling older adults. *Aging Ment Health*. 2025; Nov 19: 1-13.

O'Brien SR, Denninger M, Moore T, Williams S, de la Cruz J. Utility of Community-Based Gait Speed Outcome Measures and Cut-offs for Stroke. *J Allied Health*. 2025; 54(1): e71–e76.

Lugade V, Torbitt M, **O'Brien SR**, Silsupadol P. Smartphone- and paper-based delivery of balance intervention for older adults are equally effective, enjoyable, and of high fidelity: A randomized controlled trial. *Sensors*. 2023

O'Brien SR, Dillon N, Linsky M, Lagueras K, Uhl J, Conroy S, Kiley A, Pucci N, States E, Sturm E. Initial validation of a script concordance test to measure the development of clinical reasoning among physical therapy residents. *Journal of Clinical Education in Physical Therapy*. 2023; 5:9014. <http://dx.doi.org/10.52214/jcept.v5.9014>

O'Brien SR, Barry M, Davidson E, Porzi L, Spink M, Wetherbee D. Physical therapist clinical reasoning in home care for walking assistive device prescription: a description of practice. Accepted for publication in *Physiotherapy Theory and Practice*. 2021. DOI: 10.1080/09593985.2021.1996495

O'Brien SR, Durr K, Laubisch E, Losi L, Parillo V, Pericozzi S, Poirier B, Poirier L, Ray K, Sackett A, Simoneau D. Every person is an individual: physical therapist clinical reasoning used in inpatient rehabilitation for walking assistive device prescription in patients with stroke and brain injury. *Disability Rehabil: Assistive Technol*. 2019. DOI: 10.1080/17483107.2019.164768

O'Brien SR, Derleth, O., Morsch, E., Sabatose, L., Smith, A. Quality of Life and Function in Patients with Chronic Stroke Receiving Physical Therapy in a Student Run Pro-Bono Clinic. *Phys Ther J-Policy Administration Leadership*. 2018; 18(3): 29-35.

O'Brien SR, Zhang N. Association Between Therapy Intensity and Discharge Outcome Risk in Skilled Nursing Facilities. *Arch Phys Med Rehab*. 2018; 99:107-15.
DOI:10.1016/j.apmr.2017.07.012.

O'Brien SR, Bulas M, Metcalf A., Mix Z, Richert T, Wagner R. Meaningful Functional Change from Physical Therapy Provided in a Student Run Pro-Bono Clinic. *Journal of Allied Health*. 2017;46(3):138-42.

O'Brien SR, Xue Y. Inpatient Rehabilitation Outcomes in Patients with Stroke Over Age 85. *Physical Therapy*. 2016; 96(9):1381-8. DOI: 10.2522/ptj.20150364

O'Brien SR, Xue Y. Predicting Goal Achievement During Stroke Rehabilitation for Medicare Beneficiaries. *Disability and Rehabilitation*. 2014;6(15):1273-78.

O'Brien SR, Ingersoll G, Xue Y, Kelly A. Shorter Length of Stay is Associated with Worse Functional Outcomes for Medicare Beneficiaries with Stroke. *Physical Therapy*. 2013;93:1592-1602.

O'Brien SR. Trends in inpatient rehabilitation stroke outcomes before and after advent of prospective payment system: a systematic review. *Journal of Neurologic Physical Therapy*. 2010; 34:17-23.

Lynch SM (O'Brien SR), Leahy P, Barker S. Reliability of Measurements Obtained With a Modified Functional Reach Test in Subjects With Spinal Cord Injury. *Physical Therapy*. 1998;78(2):128-133.

Dissertation

O'Brien SR. Medicare Beneficiaries' Inpatient Rehabilitation Stroke Process and Outcomes Following Implementation of Prospective Payment for Services. University of Rochester. Chair: Dr. Gail Ingersoll. University of Rochester ProQuest Dissertations Publishing, 2011. 3478343.

PRESENTATIONS

Platforms, peer-reviewed:

2025 Silsupadol P, **O'Brien SR**, Bautista S, Turner I, Torbitt M, Mooney K, MacDonald G, Lugade V. Smartphones can accurately evaluate postural sway and fall risk among older adults in community settings. The XXX Congress of the International Society of Biomechanics, Stockholm, Sweden.

2023 **O'Brien SR**, Denninger M, Moore T, Williams S, Wilson J. (2023, June). The Utility of Community-Based Gait Speed Outcome Measures and Cut-offs for Stroke. Presented at World Confederation of Physical Therapy, Dubai, United Arab Emirates.

2020 **O'Brien SR**. (2020, October) *Validation of a script concordance test to measure clinical reasoning for assistive device prescription*. Live virtual presentation at the

Educational Leadership Conference. Accepted as part of American Council of Academic Physical Therapy (ACAPT) Clinical Reasoning Symposium II-June, 2020.

- 2020 **O'Brien SR**, Dillon NM, Lagueras KW, Uhl J. (2020, February). *Validation of a script concordance test to measure clinical reasoning for assistive device prescription*. Presented at Combined Sections Meeting, Denver, CO.
- 2014 **O'Brien SR**, Temkin-Greener H, Zhang N. (2014, February). *Measurement of Staff Perception of "Team" in Inpatient Rehabilitation Facilities: Tool Validation*. Presentation at Combined Sections Meeting, Las Vegas, NV.
- 2012 **O'Brien SR**, Zhang N, Temkin-Greener H. (June, 2012) *The effect of therapy intensity on discharge outcomes risk in medicare nursing home admissions*. Presented at 18th Annual AHRQ NRSA Trainees Research Conference, Orlando, FL.
- 2012 **O'Brien SR**, Ingersoll, G.M., Xue, Y., Kelly, A., Chen, D. (February, 2012) *Rehab teams' goal setting in inpatient rehabilitation following stroke*. Presented at Combined Sections Meeting of the American Physical Therapy Association, Chicago, IL.

Poster, peer-reviewed

- 2025 **O'Brien SR**, Torbitt M, Silsupadol P, Lugade V. (Feb. 2025) Prediction of fall risk in community-dwelling older adults in a rural county using clinically accessible tools: a machine learning approach. Combined Sections Meeting, Houston, TX.
- 2023 **O'Brien SR**, Denninger M, Moore T, Williams S, Wilson J. (2023, June) A Comparison of Stroke Based Gait Speed Outcome Measures and Cut-offs to Guide Physical Therapy Intervention. Presented at World Physiotherapy Congress, Dubai, UAE. E-poster.
- 2023 Prokop T, Ruen J, **O'Brien SR**, Huhn K. (2023, April) *Exploration of the Impact of Clinical Context on Clinical Reasoning in Physical Therapy*. Presented at Forging Ahead: The Future of Clinical Reasoning, Phoenix, AZ.
- 2019 **O'Brien SR**, Barry M, Davidson E, Porzi L, Spink M, Wetherbee D. (2019, June) *Clinical reasoning used in walking assistive device prescription in patients with stroke and brain injury: a description of homecare physical therapist practice*. Presented at NEXT APTA Conference, Chicago, IL.
- 2018 **O'Brien SR**, Curtis L, Durr K, Howell E, Losi L, Parrillo V, Pericozzi S, Poirier B, Ray R, Sackett A, Simoneau D. (2018, June) *Clinical reasoning of inpatient PTs/PTAs regarding the use and prescription of mobility assistive devices in patients with stroke and brain injury: a description of practice*. Presented at NEXT APTA Conference, Orlando, FL.
- 2017 **O'Brien SR**, Curtis L, Durr K, Howell E, Losi L, Parrillo V, Pericozzi S, Poirier B, Ray R, Sackett A, Simoneau D. (2017, July) *Inpatient PT/PTA Decision making about the use and prescription of mobility assistive devices in patients with stroke and brain injury: a description of practice*. Presented at APTA Academy of Education Clinical Reasoning Symposium, Omaha, NB.

- 2015 **O'Brien SR**, Bulas M, Metcalf A, Mix Z, Richert T, Wagner R. (2015) *Meaningful functional change from physical therapy provided in a student run pro-bono clinic*. Presented at American Congress of Rehabilitation Medicine, Dallas, TX.
- 2013 **O'Brien SR**, Zhang N, Temkin-Greener H. (June, 2013) *Individual therapy contributions to discharge outcomes from skilled nursing facilities*. Presented at Academy Health Research Meeting, Baltimore, MD.
- 2012 **O'Brien SR**, Ingersoll GM, Xue Y, Kelly A, Chen D. (2012, February) *The relationship between process and outcomes for stroke post prospective payment in inpatient rehabilitation facilities*. Presented at American Heart Association International Stroke Meeting, New Orleans, LA.
- 2010 **O'Brien S.** (2010, February). *Cost-Effectiveness Analysis of Stroke Rehabilitation Conducted at Inpatient Rehabilitation Facilities: A Systematic Review*. Presented at American Physical Therapy Association Combined Sections Meeting. San Diego, CA.
- 2009 **O'Brien S.** (2009, June). *The Inpatient Rehabilitation Facility Quality Care Model*. Presented at American Physical Therapy Association Annual Meeting. Baltimore, MD.

Invited

- 2025 Owego Rotary. Falls prevention in older adults.
- 2020 American Council of Academic Physical Therapy (ACAPT) Clinical Reasoning Curricula Assessment and Assessment Consortia. Mentored program to address a PT clinical reasoning research agenda.
- 2018 **O'Brien S.** & Johnson, M. (2018, August) *Measuring student learning in IPE 598*. Breakout session at *Inspire IPE* at Naz Conference. Rochester, NY.

SERVICE TO THE PROFESSION

Professional Organizations

- 1986- American Physical Therapy Association. Academy membership: Neurology, Geriatric, Education.
- 2015-2018 American Congress of Rehabilitation Medicine.
- 2009-2015 Academy Health
- 2009-2012 American Heart Association

Professional Boards & Committees

- 2022- Educational Leadership Conference Session and Abstract Reviewer.
- 2021- CSM abstract reviewer-Academy of Physical Therapy Education.
- 2018-2022 APTA Key Contact for Congressman Joe Morelle.
- 2017-2022 APTA New York, Finger Lakes District, Legislative Liaison.
- 2000-2021 New York State Board of Physical Therapy. Extended member since 2010. Chair: 2003-2007.
- 2015-2019 Health Policy and Administration Section. Publications Committee Member
- 2012-2015 Health Policy Administration Section. Research Committee Member. Chair: 2014
- 2010-2011 New York State Professional Assistance Panel, member.
- 2008-2010 Federation of State Boards for Physical Therapy: Foreign Educated PTs committee.

Manuscript Review Panels

- 2025 - Journal of Rehabilitation Therapy.
- 2024 - PLOS-ONE.
- 2024 - Clinical Teacher.
- 2023 - Journal of Clinical Education in Physical Therapy
- 2018 - Archives of Physical Medicine and Rehabilitation. 2019, 2021-Recognized as Elite Reviewer.
- 2013 - Disability and Rehabilitation.
- 2011 - American Journal of Physical Medicine and Rehabilitation.
- 2013 - 2020 Physical Therapy Journal of the Health Policy and Administration Section.

SERVICE TO THE COMMUNITY

University Service

- 2025 - 2025 Presidential Search Committee
- 2024 - All University Personnel Committee

College Service

- 2023 - Decker College, Governance & Policy Committee, Member-at-Large (2 years).
- 2023 - Initiating Personnel Committee (IPC), tenure and promotion review
- 2022 - 2023 Continuing Professional Development Committee
- 2021 - 2022 Interprofessional Education Curricular and Evaluation Committee

Division Service

- 2025 - Assistant Director, Division of Physical Therapy
- 2025 - Chair, Assessment Committee
- 2021-2024 Curriculum and Assessment Committee, Chair
- 2022-2023 A. Search Committee Chair-Tenure track position MARL, B. Search Committee Member -Tenure track faculty position
- 2021-2022 Search Committee Chair, Senior Staff Assistant PT Division

Local Organizations

- 2014 - 2022 Eastridge Parents for Music. President, 2021
- 2014 - 2020 Hickok Center for Brain Injury. Board member (Vice chair) and Quality Assurance Committee member

TEACHING HISTORY

- Spring 2025 - PT 650 Foundations of Neuromuscular Rehabilitation II. Course Coordinator
- Spring 2025 - PT 651 Neurorehabilitation I. Lecturer/Lab Instructor.
- Fall 2024 - PT 645 Foundations of Neuromuscular Rehabilitation I – Central Nervous System. Lab Instructor.
- Fall 2023 - PT 613 Professional Development II: Clinical Reasoning in PT. Course Coordinator.
- Spring 2024 PT 625 Special Populations: PT Considerations of the Older Adult
- Fall 2022 Human Anatomy and Physiology I (HSCI-200-A51) Lab instructor