

CURRICULUM VITAE

JANET CALLAHAN PT, DPT, MS, NCS
MGH Institute of Health Professions
Department of Physical Therapy
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Education:

- 2013 MGH Institute of Health Professions
Doctor of Physical Therapy
- 1995-2000 MGH Institute of Health Professions
Master of Science, with concentration in neurologic Physical therapy
- 1973-1978 University of Vermont
Bachelor of Science in Physical Therapy

Licensure Information/Registration Number:

MA License #3015

Certifications (eg, ABPTS):

Board Certified Neurologic Clinical Specialist, 2001, 2011

Academic Appointments:

- 2012 -present Assistant Professor, Graduate Programs in Physical Therapy, MGH Institute of Health Professions, Boston, MA
- 2006- 2012 Adjunct faculty, Graduate Programs in Physical Therapy, MGH Institute of Health Professions, Boston, MA

Professional Appointments:

- 2016-present Per Diem Physical Therapist, Massachusetts General Hospital, Boston, MA
- 2012 -2016 Clinical Specialist, Massachusetts General Hospital, Boston, MA
Part-time Responsibilities include supervising and mentoring physical therapists treating patients with neurologic conditions, consulting as a member of the Partners
2005 – 2012 Full time Dystonia Clinic and Movement Disorders groups, evaluating and treating individuals with neurologic conditions
- 2000- 2005 Staff Physical Therapist, Massachusetts General Hospital, Boston, MA,
Responsible for evaluating and treating individuals with neurologic conditions

2000 to 2002 Research Assistant Massachusetts Institute of Technology, Department of Brain and Cognitive Science, Cambridge, MA

1995 to 2000 Staff Physical Therapist, Visiting Nurse & Community Health, Arlington, MA

1999 to 2000 Staff Physical Therapist, VNA of Middlesex East, Stoneham, MA

1994 to 1999 Staff Physical Therapist, Boston Regional Health Care at Home, Stoneham, MA

1990 to 1994 Contract Physical Therapist, VA Hospital Medical Center, Boston, MA

1991 to 1992 Staff Physical Therapist, Staff Builders Home Health Care, Boston, MA

1990 to 1992 Staff Physical Therapist, Bay Area VNA, Beverly, MA

1990 to 1991 Clinical Supervisor, Shaughnessey-Kaplan Rehabilitation Hospital, Salem, MA

1987 to 1990 Clinical Supervisor, Visiting Nurse and Community Health, Arlington, MA

1986 to 1987 Clinical Supervisor of Rehabilitation Services, Youville Hospital, Cambridge, MA

1984 to 1986 Senior Therapist, Youville Hospital, Cambridge, MA

1980 to 1984 Staff Therapist, Youville Hospital, Cambridge, MA

1978 to 1980 Staff Physical Therapist, Boston Public Schools Massachusetts Easter Seal Society, Boston, MA

Peer Reviewed Publications:

- 2015 Callahan J, Beninato M, Raje S, Shrotri S. "Non-surgical, non-pharmacological interventions for cervical and extremity dystonia: A systematic review. *Physiother Prac Res.* 2015;36(1);1-14.
- 2010 Callahan J, Gill-Body KM. Current Concepts in the Management of Patients with Vestibular Dysfunction. *Neurologic Clinical Specialist Study Guide.*
- 2009 Visual Health Information Neurologic Newsletters
- Balance training post stroke
 - Peripheral neuropathy
- 2006 Callahan J, Parlman K, Beninato M, Townsend E. Perspective: Impact of the III STEP Conference on Clinical Practice. *Neurology Report* 30(3) pp157-166 (2006).
- 1999 Holden M, Todorov E, Callahan J, Bizzi E. Virtual Environment Training Improves Motor Performance in Two Patients with Stroke: Case Report. *Neurology Report* 23(2) pp. 57-67 (1999).

Publications Accepted for Publication:

- 2017 Stephen CD, Sharma N, Perez DL, Callahan J, Carson AJ. A Case of Functional Dystonia with Associated Functional Neurological Symptoms: Diagnostic and Therapeutic Challenges. *Harvard Rev Psych*. Accepted
- 2016 Callahan J, Morris L. Unilateral Vestibular Hypofunction: A Clinical Summary. *PTNow*

Publications Under Review:

- 2016 Callahan J, Kirwan H, Hancock CL, Scarborough D, Kneiss J, Sharma N. Improving gait function in an individual with lower extremity dystonia: A Case Report. *Gait & Posture*

Significant Contributions to Non-authored Publications:

- 2016 Effect of Gaze Stability Exercises on Chronic Motion Sensitivity: A Randomized Controlled Trial. *JNPT*. Under Review
- 2014 Reneker JC, Moughiman MC, Cook CE. The Diagnostic Utility of Clinical Tests for Differentiating Between Cervicogenic and Other Causes of Dizziness after a Sports-Related Concussion: An International Delphi Study. *J Sci Med Sport*. In Press.
- 2013 Tafadzwa M, Sibindi, Tal Krasovsky, Anatol G. Feldman, Elizabeth Dannenbaum, Anthony Zeitouni, Mindy F Levin. Arm-trunk coordination as a measure of vestibulospinal efficiency. *J Vest Res*. 2013; 23(4-5). 237 - 247

Peer Reviewed Scientific and Professional Presentations:

- 2016 Perez DL, Callahan J, Parlman K. Functional Neurological Disorders: The Art and the Science. Educational Session. CSM 2017, San Antonio, TX.
- 2016 Callahan J, Beninato M, Makinde Olufisayo, Urvashi Mehta. A review of the literature of the psychometric properties of clinical measures used to diagnose Cervicogenic Dizziness. Poster Presentation. CSM 2017. San Antonio TX.
- 2016 Callahan J, Kanchwala F. Factors Influencing Performance on the Five Times Sit-to-Stand Test. Poster Presentation. CSM Anaheim CA, 2016
- 2015 Callahan J, Helminski JO. Differential Diagnosis and Management of Brainstem and Cerebellar Infarctions, Educational Session. CSM Indianapolis, IN 2015
- 2015 Callahan J, Beninato M, Raje S, Shrotri S. "Non-surgical, non-pharmacological interventions for cervical and extremity dystonia: A systematic review. Poster Presentaion.
o CSM Indianapolis, IN 2015

- MDS 18th Annual International Congress of Parkinson's Disease and Movement Disorders, 2014
- 2015 Callahan J, Kneiss J, Kirwan H, Hancock C, Sharma N. A kinematic analysis of gait in lower extremity dystonia: A single subject study design. Poster Presentation
- CSM Indianapolis, IN 2015
 - MDS 18th Annual International Congress of Parkinson's Disease and Movement Disorders, 2014
- 2015 Callahan J, Crumley R, Ford-Smith C, Furtado M, Grove C, Helminski JO, Holmberg J, Johnson K, Lambert K, Morris LO, Mucha A, Schubert M, Whitney S. Expanding Neurologic Expertise: Advanced Practice in Vestibular Physical Therapy. Pre-Conference Course Combined Sections Meeting. New Orleans, LA. February **2011**.
- Thedacare Regional Medical Center, Appleton, WI 2017
 - Marionjoy Rehabilitation Hospital, Wheaton, IL **2015**
 - Mass General Hospital, Boston, MA **2014**
 - Midwestern University, Chicago IL. September **2012**
 - Mass General Hospital, Boston, MA. October **2011**.
- 2014 Callahan J, Nash J. Course Coordinator. Expanding Neurologic Expertise: ABC's of Vestibular Rehabilitation, Pre-Conference Course, CSM Las Vegas NV, 2014
- Callahan J, Oxborough, S. Expanding Neurologic Expertise: An Introduction to Vestibular Rehabilitation. **Denver, March 2017**
 - Callahan J, Brown L. Expanding Neurologic Expertise: An Introduction to Vestibular Rehabilitation. **Boston, October 2016**
 - Callahan J, Nash J. Expanding Neurologic Expertise: An Introduction to Vestibular Rehabilitation. **Trinidad, April 2016**
 - Callahan J, Denham, T. Expanding Neurologic Expertise: An Introduction to Vestibular Rehabilitation. **Freehold, NJ October, 2015**
 - Callahan J, DeMars K. Expanding Neurologic Expertise: An Introduction to Vestibular Rehabilitation. **Long Beach, CA March, 2014**
 - Callahan J, Anson E, Whitney SL. Expanding Neurologic Expertise: An Introduction to Vestibular Rehabilitation. **Chicago, IL August, 2014**
 - Callahan J, Nash J. Expanding Neurologic Expertise: An Introduction to Vestibular Rehabilitation. **Boston, MA. November, 2013**
- 2013 Callahan J, Helminski JO. Differential Diagnosis and Treatment of Typical and Atypical Benign Paroxysmal Positional Vertigo. APTA of MA Annual Conference. Newton, MA October 2013
- 2013 Callahan J. Physical Therapy Evaluation and Intervention Post Concussion. New Hampshire Musculoskeletal Institute. Bedford, NH. September, 2013
- 2013 Bruce Greenfield, PT, PhD, MMSc, MA, OCS; Gail Jensen, PT, PhD; Mary Knab, PT, DPT; Ann Jampel, PT, MS Using Clinical Narratives for Professional Development and Critical Reflection, Part 1. Combined Sections Meeting, San Diego CA. January 2013
- 2013 Callahan J, Helminski JO. Differential Diagnosis and Treatment of Typical and Atypical Benign Paroxysmal Positional Vertigo. Pre-Conference Course. Combined Sections Meeting, San Diego CA. January 2013

- 2012 Callahan J. DYSTONIA: Related Theories of Motor Control and Clinical Applications. APTA of MA Annual Conference and Exposition. Waltham, MA. November 2012
- 2011 Callahan J. Concussion: Physical Therapy Assessment and Management APTA of MA Annual Conference and Exposition, Norwood, MA. November 2011.
- 2011 Vestibular Rehabilitation in Sports Concussion Harvard/MGH Sports Medicine Conference, Boston, MA. June 2011.
- 2010 Callahan J. Developing an Ideal Dizziness and Balance Program Vestibular Special Interest Group Roundtable Combined Sections Meeting, San Diego, CA. February 2010.
- 2009 Callahan J, Parlman K, Squadrito A. Physical Therapy Management of the Patient with Vestibular Dysfunction. Massachusetts Chapter Physical Therapy Annual Conference. Norwood, MA. November 2009.
- 2003 Platform Presentation: Schwamm L., Bizzi E., Dyar T., Callahan J., Holden M. "Training in a Virtual Environment Improves Motor Recovery after Stroke: A model for telerehabilitation". 28th International Stroke Conference, American Stroke Association. Pheonix, AZ. February 2003.
- 2002 Platform Presentation: Holden MK, Dyar T, Callahan J, Schwamm L, Bizzi E. Quantitative assessment of motor generalization in the real world following training in a virtual environment in patients with stroke. APTA Combined Sections Meeting, Boston, MA. February 2002.
- 2001 Platform Presentation: Holden MK, Dyar T, Callahan J, Schwamm L, Bizzi E. Motor Learning and generalization following virtual environment training in a patient with stroke. APTA Combined Sections Meeting, San Antonio, TX. February 2001.
- 2001 Poster Presentation: Callahan J., Murphy MP., Sullivan PE., Gill-Body KM. "Impairments in Elderly Fallers and Non-Fallers". APTA Combined Sections Meeting, San Antonio, TX. February 2001.
- 2000 Platform Presentation: Callahan J., Murphy MP., Sullivan PE., Gill-Body KM. "Impairments in Elderly Fallers and Non-Fallers". APTA of New England, Annual Conference, Portland, ME. October 2000

Abstracts:

- 2014 Callahan J, Beninato M, Raje S, Shrotri S. "Non-surgical, non-pharmacological interventions for cervical and extremity dystonia: A systematic review. MDS 18th International Congress of Parkinson's Disease and Movement Disorders, Volume 29, June 2014 Abstract Supplement
- 2014 Callahan J, Kneiss J, Kirwan H, Hancock C, Sharma N. A kinematic analysis of gait in lower extremity dystonia: A single subject study design. MDS 18th International

Congress of Parkinson's Disease and Movement Disorders, Volume 29,
June 2014 Abstract Supplement

- 2003 Schwamm L., Bizzi E., Dyar T., Callahan J., Holden M.
Training in a Virtual Environment Improves Motor Recovery after Stroke: A model for telerehabilitation. Stroke 34(1) p.253 (2003).
- 2001 Holden MK, Dyar T, Callahan J, Schwamm L, Bizzi E. Quantitative assessment of motor generalization in the real world following training in a virtual environment in patients with stroke. Neurology Report 24(5) p. 126 (2001).
- 2000 Callahan J., Murphy MP., Sullivan PE., Gill-Body KM. Impairments in Elderly Fallers and Non-Fallers. Neurology Report 24(5) p. 178-179 (2000).
- 2000 Holden MK, Dyar T, Callahan J, Schwamm L, Bizzi E. Motor Learning and generalization following virtual environment training in a patient with stroke. Neurology Report 24(5) p. 170 (2000).

Non-Peer Reviewed Publications:

- 2009 **Visual Health Information Neurologic Newsletters**
Balance training post stroke
Peripheral neuropathy and exercise

Invited Speaker

- 2017 Callahan J. An overview of vestibular dysfunction and rehabilitation in individuals with brain injury. Brain Injury Association of Massachusetts Annual Conference. Marlborough, MA 2017
- 2017 Callahan J. Concussion: Physical Therapy Evaluation and Management. Guest Lecturer. Simmons College, Boston MA. 2014, 2015, 2016, 2017
- 2014 Beninato M, Callahan J. "The eyes have it: The diagnostic utility of the oculomotor examination". Neurologic Special Interest Group Meeting. Boston MA. October 2014.
- 2014 Callahan J, Grill B. Concussion: Physical Therapy Assessment and Management. Spaulding Rehabilitation Network. Boston, MA. April 2014.
- 2012 Callahan J. "Physical Therapy Management of Concussion". Neurologic Special Interest Group Meeting. Boston 2012.
- 2011 Beninato M, Callahan J, McCarthy-Jacobson A. Vestibular Rehabilitation: Focus on the in-patient rehabilitation setting. (for Spaulding Rehab Network). Boston, MA. September 2011.
- 2011 Concussion. Massachusetts General Hospital. Boston, MA. June 2011.
- 2010 Fall Risk Assessment. Massachusetts General Hospital. Boston, MA . May 2010

- 2008 An Introduction to the Vestibular System. Massachusetts General Hospital. Boston, MA. September 2008.
- 2006 Beninato M, Callahan J, Gill-Body K, Hughes R, Parlman K, Wernick-Robinson M. III STEP: Clinical Implications. Massachusetts General Hospital. Boston, MA. March, 2006.

Current/Active Research Activity:

Callahan J, Hung A. Web based exercises and education program for individuals newly diagnosed with Parkinson Disease. National Parkinson Foundation. Grant #: Bo3. \$6,793.00.

Callahan J, Beninato M, Oak A, Kantawala N. Systematic review on the diagnostic validity of clinical measures for the prediction of falls in people with Parkinson's disease (PD). Directed Research Project. No funding

Professional Service

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| 2016 | Consulting Physical Therapist. MGH Neurology XDP Project. Philippines. January 2016 |
| 2014- Present | Co-Coordinator with Jennifer Nash, for the development of "ABC's of Vestibular Rehabilitation", an APTA Neurology Section course offering. |
| 2013 - 2014 | APTA Neurology Section, Vestibular SIG Clinical Practice Guidelines for Vestibular Rehabilitation Committee |
| 2012 - 2014 | APTA of MA Neurology Special Interest Group Chairperson |
| 2012 | APTA of MA Neurology Special Interest Group Steering Committee |
| 2011- Present | APTA Neurology Section Vestibular Certification Committee |
| 2014- Present | Reviewer Journal of Physiotherapy Theory and Practice |
| 2012- Present | Reviewer Journal of Neurologic Physical Therapy |
| 2011- Present | Reviewer Journal of Vestibular Rehabilitation |

Membership in Scientific/Professional Organizations:

- o MA Chapter APTA, Neurology SIG, Inaugural Chairperson.
- o American Physical Therapy Association
- o MA Chapter APTA
- o Neurology Section APTA
- o Vestibular SIG member
- o Movement Disorders Society

Community Service:

- 2016 MGH Parkinson's Symposium: Living Well with Parkinson's Disease: A Multidisciplinary Approach to Parkinson's Care. Charlestown, MA. June 2016
- 2014 Partners in Parkinson's Boston sponsored by the Michael J. Fox Foundation. Westin Hotel, Boston MA. September 20, 2014.
- 2012 Exercise in Parkinson's Disease. Parkinson's Support Group. Cottage Hospital., Nantucket, MA. September 2012
- 2011 Parkinson's & Alzheimer's Diseases: An Educational Program for Health Care Providers in the Boston Asian Community. "Physical Therapy for Parkinson's Disease". Boston, MA. May, 2007, October 2011.
- 2011 Dystonia and Exercise
The Rhode Island Dystonia and Movement Disorders Support Group
September 2011. Providence, RI
- 2011 Fall Prevention in Parkinson's Disease. Parkinson's Support Group. March, 2011. Wellesley, MA.
- 2011 Exercising the Mind and Body. Partners Parkinson Center Yoga and Speaker Series. "Exercise and Parkinson's Disease".
- January 2011, Charlestown, MA
 - September 2009, Charlestown, MA.
- 2008 "Balance Issues". Acoustic Neuroma Association, Boston Area Local Support Group. November 2008. Waltham, MA
- 2008 Physical Therapy for Parkinson's Disease. Parkinson's & Alzheimer's Diseases: An Educational Program for Health Care Providers to Diverse Elderly.
- September 2008. Elder Care Services of Merrimack Valley. Lawrence, MA.
 - April 2008. Kit Clark Senior Services. Dorchester, MA.
- 2007 Surrounding Yourself with Care: Team Treatment Approach to Parkinson's Disease. "Maximizing Function and Quality of Life. Team Treatment Approach to Parkinson's Disease. April, 2007. Waltham, MA.
- 2006 The Role of Physical & Occupational Therapy In Managing Persons With Ataxia. National Ataxia Foundation Members Meeting. February 2006. Quincy, MA.

Services to the University/College/School on Committees/Councils/Commissions:

2016–Present	Awards Committee
2015- Present	Faculty Senate. Nominating Committee
2013	MGH IHP Inter-Professional Task Force
2013	SHRS Taskforce on Inclusive Excellence
2012 – Present	ELPT Curriculum Steering Committee
2012 – 2015	Committee on Academic Policies and Procedures
2012 – 2013	Faculty Search Committee

Honors and Awards:

Bette Ann Harris Distinguished Alumni Award 2015
MGH Institute of Health Professions

Award for Clinical Excellence in Neurology

APTA, Neurology Section, February 2012

Outstanding Achievement in a Clinical Practice
APTA of MA, November 2011

Stephanie M. Macaluso, RN
Excellence in Clinical Practice Award
MGH, October 2011

Continuing Education Attended:

2017 APTA Combined Sections Meeting. SAN ANTONIO, TX
2016 IV STEP Conference. COLUMBUS, OHIO
2016 APTA Combined Sections Meeting ANAHEIM, CA
2015 The 7 Steps of Data Analysis. Webinar, William Bannon.
2015 APTA Combined Sections Meeting INDIANAPOLIS IN,
2014 MDS 18th Annual International Congress of Parkinson's Disease and Movement Disorders, Stockholm, Sweden 2014
2014 APTA Combined Sections Meeting LAS VEGAS, NV
2013 Emerging Frontiers in Concussion: Advancements in Assessment, Management and Rehabilitation. UPMC, Pittsburgh PA. 2013
2013 APTA Combined Sections Meeting SAN DIEGO, CA
2012 APTA of MA Annual Conference, WALTHAM, MA
2012 APTA Combined Sections Meeting CHICAGO, IL
2011 APTA Combined Sections Meeting NEW ORLEANS, LA
2010 XXVI Barany Society Meeting REYKJAVIK, ICELAND
2010 APTA Combined Sections Meeting SAN DIEGO, CA
2009 Vestibular Rehabilitation: An Advanced Course & Update PITTSBURGH, PA
2009 APTA Combined Sections Meeting LAS VEGAS, NV

Current Teaching Responsibilities in the Entry-Level Program:

Entry-Level DPT Program

Fall 2017	PT 710 Patient/Client Management: Balance
Summer 2017	PT 772 Special Topics: Vestibular Rehabilitation PT 601 Fundamentals of Patient/Client Management 1 PT 602 Fundamentals of Patient/Client Management 2
Summer 2016	PT 772 Special Topics: Vestibular Rehabilitation PT 601 Fundamentals of Patient/Client Management 1 PT 602 Fundamentals of Patient/Client Management 2
Spring 2016	PT 725 Medical Management of Patients with Neurological Disorders
Summer 2015	PT 772 Special Topics: Vestibular Rehabilitation
Spring 2015	PT 662 Clinical Seminar & Practicum II PT 792 Health Promotion PT 725 Medical Management of Patients with Neurological Disorders
Summer 2014	PT Center PT 793 Health Promotion PT 772 Special Topics: Vestibular Rehabilitation
Spring 2014	PT 662 Clinical Seminar & Practicum II

Fall 2013	PT 792 Health Promotion PT 725 Medical Management of Patients with Neurological Disorders PT 761 Clinical Seminar & Practicum III PT 791 Health Promotion
Summer 2013	PT Center PT 793 Health Promotion PT 643 Examination and Treatment of Neurologic Disorders PT 772 Special Topics: Vestibular Rehabilitation
Spring 2013	PT 662 Clinical Seminar & Practicum II PT 792 Health Promotion
Fall 2012	PT 725 Medical Management of Patients with Neurological Disorders PT 761 Clinical Seminar & Practicum III PT 791 Health Promotion