

CURRICULUM VITAE

Linda J. D'Silva, PT, PhD, NCS

Physical Therapy and Rehabilitation Science,
University of Kansas Medical Center,
Kansas City, KS 66160

ldsilva@kumc.edu

913-588-4343

Education

2011- 2016 PhD in Rehabilitation Science, University of Kansas Medical Center, Kansas City, KS
2012-2014 Health Professions Educator Certificate, University of Kansas Medical Center
1988 - 1990 Master of Science in Physical Therapy, All India Institute of Physical Medicine and Rehabilitation, Mumbai, India
1984 -1988 Bachelor of Science in Physical Therapy, King Edward Memorial Hospital, Mumbai, India

Certifications

2017 Board Certified Specialist in Neurologic Physical Therapy
2010 Cervicogenic Dizziness: An Evidence-Based Competency certificate through the American Physical Therapy Association
2006 Vestibular Rehabilitation Certification, Emory University, Atlanta, GA

Employment and Positions Held

2018- present Clinical Assistant Professor, Department of Physical Therapy and Rehabilitation Science, University of Kansas Medical Center, Kansas City, KS
2016- 2018 Assistant Professor, Department of Physical Therapy Education, Rockhurst University, Kansas City, MO
2015-2016 Clinical Instructor, University of Kansas Medical Center, Kansas City, KS
2011- 2015 Graduate Research Assistant, University of Kansas Medical Center, Kansas City, KS
2011- 2012 Graduate Teaching Assistant, University of Kansas Medical Center, Kansas City, KS
1998- 2013 Staff Physical Therapist with a focused practice in Vestibular Rehabilitation, Olathe Medical Center, Olathe KS
1995-1997 Supervisor with emphasis on Neurological Rehabilitation, Meadowbrook Hospital, Gardner, KS
1991-1994 Staff Physical Therapist in acute care and outpatient rehabilitation, William Newton Memorial Hospital, Winfield KS
1990- 1991 Staff Physical Therapist in Pediatric Neurology, King Edward VII Memorial Hospital, Mumbai India

Honors and Awards

2012-2015	T32 Kansas Training Grant in Neurological and Rehabilitation Sciences, University of Kansas Medical Center, Kansas City, KS
2015	Scientific Inquiry Award for best platform presentation at the Kansas Physical Therapy Association Spring Conference 2015, Wichita, KS
2015	Physical Therapy and Rehabilitation Science Outstanding Student Award, Student Research Forum, University of Kansas Medical Center
2014	Kansas Partners in Progress Research Grant
2013	Scientific Inquiry Award for best poster presentation at the Kansas Physical Therapy Association Spring Conference 2013, Wichita, KS

Peer Reviewed Scientific Publications:

Alenazi, A. M., Alshehri, M. M., Alothman, S., Rucker, J., Dunning, K., **D'Silva, LJ**, & Kluding, P. M. (2018). Functional Reach, Depression Scores, and Number of Medications Are Associated with Number of Falls in People with Chronic Stroke. *Pm r*, *10*(8), 806-816. doi: 10.1016/j.pmrj.2017.12.005

D'Silva LJ, Kluding PM, Whitney SL, Hongying D, Santos M. Postural Sway in Individuals with Type 2 Diabetes and Concurrent Benign Paroxysmal Positional Vertigo. *International Journal of Neuroscience* 2017 Apr 25:1-9

D'Silva LJ, Whitney SL, Santos M, Hongying D, Kluding PM. The impact of diabetes on mobility, balance, and recovery after repositioning maneuvers in individuals with benign paroxysmal positional vertigo. *Journal of Diabetes and its Complications* 2017 Jun; *31*(6): 976-982.

D'Silva LJ, Staecker H, Lin J, Maddux C, Ferraro J, Hongying D, Kluding PM. Otolith Dysfunction in Persons with both Diabetes and Benign Paroxysmal Positional Vertigo. *Otology and Neurotology* 2017 Mar;*38*(3): 379-385.

D'Silva LJ, Staecker H, Lin J, Whitney S, Kluding PM. The Impact of Diabetic Complications on Balance and Falls: Contribution of the Vestibular system. *Physical Therapy* 2016 March; *96*(3):400-409.

D'Silva LJ, Staecker H, Lin J, Sykes K, Phadnis M, Sabus CE, McMahon T, Connolly D, Whitney SL, Kluding PM. Retrospective Data suggests that the Higher Prevalence of Benign Paroxysmal Positional Vertigo in Individuals with Type 2 Diabetes is Mediated by Hypertension. *Journal of Vestibular Research*: 2016 Jan; *25*(5-6):233-239.

Kluding PM, Pasnoor M, Singh R, **D'Silva LJ**, Yoo M, Billinger SA, LeMaster JW, Dimachkie MM, Herbelin L, Wright DE. Safety of Aerobic Exercise in people with Diabetic Peripheral Neuropathy: single-group clinical trial. *Physical Therapy* 2015 Feb; *95*(2):223-34

Yoo M, **D'Silva LJ**, Martin K, Sharma NK, Pasnoor M, LeMaster JW, Kluding PM. Pilot Study of Exercise Therapy on Painful Diabetic Peripheral Neuropathy. *Pain Med*. 2015 Aug; *16*(8):1482-9

Peer Reviewed Scientific and Professional Presentations (State and National presentations only):

Fagan M, Lakin J, Mularoni M, **D'Silva LJ**. Persistent post-concussive symptoms can affect sleep, stress and anxiety levels. International Conference of Vestibular Rehabilitation. August 2018, Chicago (Poster).

D'Silva LJ, Kluding PM. The Impact of Type 2 Diabetes on mobility deficits measured by the Functional Gait Assessment in individuals with Benign Paroxysmal Positional Vertigo. Combined Sections Meeting of the American Physical Therapy Association. February 2018, New Orleans (Poster).

Skop K, Dannenbaum E, MacDowell S, **D'Silva LJ**, Tilson J, Crowner B, Farrell L, Roth H. A Model for Active Dissemination and Implementation of Clinical Practice Guidelines Published by Academies and Sections of the APTA. Combined Sections Meeting of the American Physical Therapy Association. February 2018, New Orleans (Poster).

Tilson J, MacDowell S, Dannenbaum L, **D'Silva LJ**, Farrell L, Roth H, Skop K. Concurrent adaptation of a new clinical practice guideline in diverse healthcare organizations. 10th Annual Conference on the Science of Dissemination and Implementation in Health, November 2017, Washington DC.

Tilson JK, MacDowell S, Dannenbaum L, **D'Silva LJ**, Farrell L, Roth H, Skop K. Evidence translation, Building capacity for dissemination and implementation. 8th International Conference for EBHC Teachers and Developers, October 2017, Taormina, Italy

D'Silva LJ, Lin J, Staecker H, Ferraro J, Maddux C, Kluding PM. Otolith Dysfunction in People with Type 2 Diabetes and Benign Paroxysmal Positional Vertigo. IV Step 2016, Prevention, Prediction, Plasticity, and Participation, July 2016 (Poster), Columbus, OH

D'Silva LJ, Kluding PM, Dai H, Whitney SL, Santos M Postural Stability is Significantly Impaired in Individuals with Type 2 Diabetes and Concurrent Benign Paroxysmal Positional Vertigo. Combined Sections Meeting of the American Physical Therapy Association, February 2016 (Platform), Anaheim, CA

D'Silva LJ, Staecker H, Lin J, Ferraro J, Maddux C, Kluding PM. The Impact of Type 2 Diabetes on the Vestibular System in Individuals with Benign Paroxysmal Positional Vertigo. Kansas Physical Therapy Association Conference (Platform) April 2015, Wichita, KS

D'Silva LJ, Lin J, Staecker H, Ferraro J, Maddux CE, Kluding PM. Impact of Type 2 Diabetes on the Otolith Organs in Patients with Benign Paroxysmal Positional Vertigo (Poster). Neuroscience Conference, Washington DC, November 2014. Published in the November 2014 supplement to the *Journal of Neuroscience*

D'Silva LJ, Lin J, Sabus CH, Staecker H, Sykes K, Kluding PM. Prevalence of Vestibular Pathology in People with Type 2 Diabetes (Poster). American Diabetes Association Conference, San Francisco, June 2014. Published in the June 2014 Supplement to the *Journal Diabetes*

D'Silva LJ, Martin K, Yoo M, Singh R, Pasnoor M, Kuding PM. Change in Balance Measures Following Aerobic Training in People with Diabetic Peripheral Neuropathy (Poster). American

Physical Therapy Association- Combined sections meeting, Las Vegas, February 2014. *Journal of Neurologic Physical Therapy*; 2014: 38(1): 70.

D'Silva LJ, Lin J, Sabus CH, Staecker H, Sykes K, Kluding PM. Prevalence and Severity of Vestibular Pathology in People with Type 2 Diabetes. American Physical Therapy Association- Combined sections meeting, Las Vegas, February 2014. *Journal of Neurologic Physical Therapy*; 2014: 38(1): 93

D'Silva LJ, Lin J, Sabus CM, Staecker H, Kluding PM. The Relationship between Type 2 Diabetes and Vestibular Dysfunction Neurological and Rehabilitation Sciences Training Program Fall Retreat, University of Kansas Medical Center, October 2013.

D'Silva LJ, Yoo M, Pasnoor M, Kluding PM. The Role of Aerobic Exercise in Improving Balance and Vestibular Function in People with Diabetic Peripheral Neuropathy Translational Science 2013, Washington DC, April 2013.

Funded/ In Review Grant Activity:

Ongoing:

1/01/2019-12/31/2019 Physical Therapy and Rehabilitation Science Grant
Mental Effort needed to Perform Visual Scanning Activities after a Mild Traumatic Brain Injury
D'Silva (Co-PI), Devos (Co-PI)

11/1/2017 – 12/30/2018 Academy of Neurologic Physical Therapy
Multisite Implementation of "Vestibular Rehabilitation for Peripheral Vestibular Hypofunction: An Evidence -Based Clinical Practice Guideline".
Tilson (PI), D'Silva (Co-PI), Skop (Co-PI), MacDowell (Co-PI), Roth (Co-PI), Farrell (CO-PI),
Dannenbaum (Co-PI)

Completed:

11/28/2016-11/01/2017 D'Silva (PI) Kansas Partners in Progress Inc.
Construction and Validation of a short version of the Functional Gait Assessment in People with Benign paroxysmal positional vertigo

Professional Affiliations

1991 – present. Member of American Physical Therapy Association
2008 – present. Member of the Neurology Section of the American Physical Therapy Association
1991 – present. Member of the Kansas Physical Therapy Association

Professional Service

2015 – present Board member for the Society for Neuroscience Kansas City Chapter
2016 – present Member of the Taskforce for the Dissemination and Implementation of Clinical Practice Guidelines for Individuals with Peripheral Vestibular Hypofunction
2017 – present Member of the Nominating Committee of the Vestibular SIG for the Academy of Neurologic Physical Therapy

2017- present

Member of the Telehealth taskforce of the Vestibular SIG for the Academy of Neurologic Physical Therapy