

**EDUCATION:**

**University of Michigan, Flint:** Sept 2014-Dec 2018  
Doctor of Philosophy (Ph.D.) in Physical Therapy

**University of Michigan, Flint:** Sept 2014 – Apr 2016  
Post Professional Certificate in Neurologic Physical Therapy

**University of Michigan, Flint:** Aug 2012-Dec 2014  
Transitional Doctorate (t-DPT) in Physical Therapy

**Manipal University, Manipal, India:** Aug 2004-Dec 2007  
Master of Physiotherapy (Clinical concentration: Pediatric Neurology)

**Ravi Nair College of Physiotherapy, Maharashtra, India:** Aug 1999- Jan 2004  
Bachelor of Physiotherapy

**Licensure Information/Registration Number:**

State of Michigan	Reg number 550104740	Jul 2009- 2022
State of Massachusetts	Reg number 23354	Oct 2017-current

**Certifications:**

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| 1. <i>Neurologic Clinical Specialist (NCS)</i><br>American Board of Physical Therapy Specialties (ABPTS) | Jun 2016 – current |
| 2. <i>LSVT BIG certified clinician</i>   | Oct 2011 – current |
| 3. <i>AHA Basic Life support</i>   | Jun 2013 - current |

**Academic Appointments:**

Simmons University July 1, 2019 - current  
Assistant Professor, Physical Therapy

MCPHS University Jan 16, 2018 - June 29, 2019  
Assistant Professor, Physical Therapy

University of Michigan-Flint, MI Jan 1 - Apr 30, 2016  
Graduate Student Instructor

Padmashree Dr. D.Y. Patil College of Physiotherapy, India April 1, 2008 - Nov 23, 2010  
Lecturer and Clinical Instructor, Dept. of Physiotherapy

### **Clinical Appointments**

Huron intermediate school district (HISD), Bad Axe, MI Physical therapist	Sept 02, 2013 – Dec 2017
Narayan Rehabilitation Inc., Bad Axe, MI PRN physical therapist (Pediatrics)	Sept 02, 2013 - Dec 2017
Huron County Medical Care Facility Physical therapist and Director of Rehabilitation	Jul 02, 2012 - Sept 01, 2013
Narayan Rehabilitation Inc., Bad Axe, MI Full time outpatient physical therapist (pediatrics and adult neurology)	Apr 21, 2011 - Jul 01, 2012
Children's therapy corner, Midland, MI Full time outpatient pediatric physical therapist	Jan 02, 2011-Apr 15, 2011

### **Honors and Awards:**

Hazel Dick Leonard Faculty Fellowship	Dec 2021
Marilyn Gossman Graduate Student Research Seminar	Jan 2019
Dean's student scholarship award	Fall 2015, Winter 2016
University of Michigan- Flint	

### **Grants Pending (submitted, under review)**

2024 NIH R15: Role Co-PI	\$300,000.00
2024 NIH NCMRR Early Career R03 award: Role PI	\$200,000.00

### **Grants received.**

2023 Faculty Research Seed Grant, MGH IHP	\$15,000.00
2021 Fund for Research Award, Simmons University: Role PI	\$ 2500.00
2020 MGH institute COVID-19 Small Grant Research Award 2020: Role Co-PI	\$ 5000.00
Scholarly teaching And Retention (STAR) Scholar Award, Simmons University 2020:	\$750.00
Scholarly teaching And Retention (STAR) Scholar Award, Simmons University 2019:	\$3000.00

### **Grants applied but not funded**

2023 Foundation for Physical Therapy Research: Role Co-PI	\$40,000.00
2022 International Association for the Study of Pain early career research grants	\$20, 000.00
2021 Deborah Munroe Noonan Memorial Research Fund	\$160,000.00
2021 Learning Health Systems Scholar Program through Learning Health Systems Rehabilitation Research Network (LeaRRn)	\$16,000.00

## **Publications**

### **Publications under Review:**

- Ludes K, Powell E, Redwine L, Roseberry K, Sanchez L, **Tiwari D**. Physical Therapy Process of Care and Home Exercise Program Compliance in Pediatric Telehealth – A Descriptive study (*In review*)

### **Peer Reviewed Publications:**

- **Tiwari D**, Allen M, Schulz R, Gotts B, Stewart C, Kaur M. Development and content validation of the Pediatric Dizziness Index (PDI) *Curr pediatr Res* 2024; 28 (07): 2294-230 DOI:10.35841/0971-9032.28.07.2294-2301.
- Dashottar A, Haney J, O'Rourke M, **Tiwari D**. Clinical Instructor's Self-Reported Modeling of Evidence-Based Practice during Student Clinical Experience. *Journal of Physical Therapy Education* (Accepted)
- **Tiwari D**, Saini S, Babar R. Normative scores and test-retest reliability of neck strength, endurance and proprioception tests in children and adolescents. *JOSPT open*. 0:ja,1-19. DOI: 10.2519/josptopen.2024.1135

- **Tiwari D**, Naidoo K, Eddy EZ, Chatiwala N, Kaur M. Development and validation of the activities and participation children and adolescents -neck (APCAN) measure. *J Patient Rep Outcomes*. 2023;7(1):107. Published 2023 Oct 30. doi:10.1186/s41687-023-00648-x
- Kaur, M., Gochyyev, G., **Tiwari, D.** Use of Standardized Motor Assessments in Children with Autism Spectrum Disorder: A Meta-Analysis and Systematic Review *Res Autism Spectr Disord* 2023;110: 1-15. <https://doi.org/10.1016/j.rasd.2023.102298>
- **Tiwari D**, Gochyyev P. Does the Dizziness Handicap Inventory—Children and Adolescents (DHI-CA) Demonstrate Properties to Support Clinical Application in the Post-Concussion Population: A Rasch Analysis. *Children*. 2023; 10(9):1428. <https://doi.org/10.3390/children10091428>
- Saini S, Golwala P, **Tiwari D.** Development and Validation of the Cognitive Behavior Questionnaire in Nonspecific Chronic Low Back Pain (CBQ-NSCLBP). *Cureus*. 2023;15(7):e41853. Published 2023 Jul 13. doi:10.7759/cureus.41853
- Gore S, Gochyyev P, **Tiwari D.** Item analysis of Functional Measure Indicators in the National Health and Nutrition Survey *Am J Phys Med Rehabil*. 2023;102(6):481-488 doi: 10.1097/PHM.0000000000002190
- **Tiwari D**, Kosienski E, Kumar C, Schechter R, Sheridan C, Winshman L. Current Attitudes and Beliefs in Interdisciplinary Return to Play Management for Pediatric Concussion: A Survey. *J Sport Rehabil*. 2022;31(7):856-868. Published 2022 Apr 28. doi:10.1123/jsr.2021-0368
- Kaur M, Eddy EZ, **Tiwari D.** Exploring Practice Patterns of Pediatric Telerehabilitation during COVID- A Survey of Physical Therapists and Occupational Therapists *Telemedicine and e-Health* 2022; Mar 9 DOI: 10.1089/tmj.2021.0506. PMID: 35263191
- **Tiwari D**, Clock C, Gore S, Alsalaheen B. Content comparison of neck pain outcome measures using the International Classification of Functioning, Disability and Health *International Journal of Rehabilitation Research* 2021; Nov 12. Epub ahead of print. PMID: 34775438.
- Saini S, Golwala P, Parmar L, **Tiwari D**, Palekar TJ. Role of Psychological Distress, Catastrophizing and Fear Avoidance Belief in Chronic Low Back Pain: *Clinical Review Drugs and Cell Therapies in Hematology* 2021;10(1):1304-1311
- **Tiwari D**, Naidoo K, Chatiwala N, Bartlo PL, Triola A, Ong B, Gore S. Exploratory Analysis of Physical Therapy Utilization and Practice Patterns for Individuals with COVID-19 *Phys Ther* 2021; March. <https://doi.org/10.1093/ptj/pzab088>
- Saini S, Golwala P, Parmar LD, **Tiwari D**, Palekar TJ Cognitive Behavior Assessment in Chronic Low Back Pain: A Narrative Review *Int J Cogn Behav* 2020;3:009 DOI: 10.23937/2690-3172/1710009
- **Tiwari D**. Goldberg A, Yorke A, Marchetti G, Alsalaheen B Measurement Properties of the Dizziness Handicap Inventory-Children and Adolescent (DHI-CA) in children and adolescents post-concussion *Pediatr Phys Ther* 2020;32(4):382-388. PMID: 32925816 DOI: [10.1097/PEP.0000000000000741](https://doi.org/10.1097/PEP.0000000000000741)

- **Tiwari D**, Alsalaheen B, Goldberg A, Tally S. Comparing strength of association between the Five-Times-Sit-to-Stand Test and measures of balance and lower limb power in community-dwelling older adults. *Int J Ther Rehabil.* 2019; 26(3):1–10. <https://doi.org/10.12968/ijtr.2018.0001>
- **Tiwari D**, Goldberg A, Yorke A, Marchetti G, Alsalaheen B. Characterization of cervical spine impairments in children and adolescents post-concussion. *International Journal of Sports Physical Therapy* 2019. 14 (2): 282 DOI: 10.26603/ijsp20190282
- **Tiwari D**, Daly, C, Alsalaheen, B. Home based circuit training program in an adolescent female with severe traumatic brain injury: a case report. *Physiotherapy Theory and Practice* 2017; DOI: 10.1080/09593985.2017.1370750
- **Tiwari D**, Rao BK, Solomon J. Normative scores on pediatric balance scale: A cross sectional study *Indian Journal of Physiotherapy and Occupational Therapy* 2011; 5 (2):45-48.
- Agrawal K, Jerome A, **Tiwari D**, Palekar TJ. Effects of constraint induced movement therapy as a rehabilitation strategy for the affected upper limb of children with hemiplegic cerebral palsy: Systematic review of the literature *Journal of Orthopedics and Rehabilitation* 2011; 1(1): 1-7

#### Peer Reviewed Abstracts:

- Saini S, Golwala P, **Tiwari D**. Development and Validation of the Cognitive Behavior Questionnaire in Nonspecific Chronic Low Back Pain (CBQ-NSCLBP). *Cureus.* 2023;15(7):e41853. Published 2023 Jul 13. doi:10.7759/cureus.41853
- **Tiwari D**, Twombly V, Concannon P, West A, O'Byrne M. Effectiveness of vestibular rehabilitation in children and adolescents post concussion: A systematic review. *Archives of Physical Medicine and Rehabilitation.* 2024;105(4):e152. doi:10.1016/j.apmr.2024.02.698
- Ludes K, Powell E, Redwine L, Roseberry K, Sanchez L, **Tiwari D**. Comparison Between Pediatric Physical Therapy Process of Care and Home Exercise Program in Telehealth and In-Person Settings. *Pediatric Physical Therapy* 33(4);E108-125, October 2021.
- Kaur M, Eddy EZ, **Tiwari D**. A Survey of Physical Therapists and Occupational Therapists to Explore Practice Patterns of Pediatric Telerehabilitation during COVID-19 Archives of Physical Medicine and Rehabilitation, 2021;102(10)e15-e16, doi: <https://doi.org/10.1016/j.apmr.2021.07.435>
- **Tiwari D**. Golberg A, Yorke A, Marchetti G, Alsalaheen B. Measurement properties of the Dizziness Handicap Inventory- Children and Adolescent version in post-concussion children and adolescents. *Archives of Physical Medicine and Rehabilitation*, 2019.
- **Tiwari D**. Golberg A, Yorke A, Marchetti G, Alsalaheen B. Characterization of cervical spine impairments in children and adolescents post-concussion. *Journal of Orthopaedic & Sports Physical Therapy*, 2018. 49 (1): CSM30–CSM62 DOI: 10.2519/jospt.2019.49.1. CSM30

**Manuscripts in preparation:**

- **Tiwari D**, Erdal M, Alonzo K, Concannon P, O'Byrne Maggie, West A, Twombly T. Effectiveness of vestibular rehabilitation in pediatric concussion – A systematic review and meta-analysis. (*In preparation*)
- **Tiwari D**, Goldberg A, Yorke A, Marchetti G, Alsalaheen B. Measurement properties of postural control measures in typically developing children: a systematic review (*in preparation*)
- **Tiwari D**, Hayman L. Factors influencing compliance of parents of children with special needs towards home exercise program: a qualitative study (*in preparation*)

**Peer Reviewed Scientific and Professional Presentations:**

**Platform presentations**

- **Tiwari D**, Concannon P, O'Byrne Maggie, West A, Twombly T. Effectiveness of vestibular rehabilitation in pediatric concussion – A systematic review and meta-analysis. Annual conference APTA MA, Norwood, November 11, 2023.
- Ludes K, Roseberry K, Redwine L, Powell E, Sanchez L, **Tiwari D** Comparison between Pediatric Physical Therapy Process of Care and Home Exercise Program in Telehealth and In-Person Settings. Academy of Pediatric Physical Therapy Annual conference, 19-21 November 2021.
- Kaur M, Eddy EZ, **Tiwari D**. A Survey of Physical Therapists and Occupational Therapists to Explore Practice Patterns of Pediatric Telerehabilitation during COVID-19, American Congress of Rehabilitation Medicine, 24-29 September 2021 (Held Virtually).
- Kaur M, Eddy EZ, **Tiwari D**. Exploring Practice Patterns of Pediatric Telerehabilitation during COVID- A Survey of Physical Therapists and Occupational Therapists, "Shaping the future of telerehabilitation through research" conference, Boston, 20<sup>th</sup> & 23<sup>rd</sup> April 2021.
- **Tiwari D**, Naidoo K, Chatiwala N, Bartlo PL, Triola A, Ong B, Gore S. Exploratory Analysis of Physical Therapy Utilization and Practice Patterns for Individuals with COVID-19 Combined Sections Meeting (CSM), Feb-Mar 2021.
- Kosienski E, Kumar C, Schechter R, Sheridan C, Winshman L, **Tiwari D**. Current Attitudes and Beliefs in Interdisciplinary Pediatric Concussion Return to Play Management Combined Sections Meeting (CSM), Feb-Mar 2021.
- **Tiwari D**. Use of the International Classification of Functioning, Disability and Health System for Content Comparison of Self-Report Measures Used in Neck Pain, Combined Sections Meeting (CSM), Feb-Mar 2021.
- **Tiwari D**, Goldberg A, Yorke A, Marchetti G, Alsalaheen B. Measurement properties of the Dizziness Handicap Inventory- Children and Adolescent version in post-concussion children and adolescents. Combined Sections Meeting (CSM), Denver, CO: 12<sup>th</sup> – 15<sup>th</sup> February 2020
- **Tiwari D**, Goldberg A, Yorke A, Marchetti G, Alsalaheen B. Characterization of cervical spine impairments in children and adolescents' post-concussion. Combined Sections Meeting (CSM), Washington DC: 23<sup>rd</sup> -27<sup>th</sup> January 2019
- **Tiwari D**, Goldberg A, Yorke A, Marchetti G, Alsalaheen B. Measurement properties of postural control measures in typically developing children: a systematic review. Combined Sections Meeting (CSM), Washington DC: 23<sup>rd</sup> -27<sup>th</sup> January 2019

- **Tiwari D**, Goldberg A, Yorke A, Marchetti G, Alsalaheen B. Characterization of cervical spine impairments in children and adolescents' post-concussion. APTA Massachusetts Chapter meeting, Norwood, MA: 27<sup>th</sup> October 2018
- **Tiwari D**, Rao BK, Solomon J. Normative scores on pediatric balance scale: A cross sectional study; The International Congress of Neurology and Neurorehabilitation, Goa, India, 23<sup>rd</sup> -25<sup>th</sup> April 2010.
- **Tiwari D**, Rao BK, Solomon J. Normative scores on pediatric balance scale: A cross sectional study. 47<sup>th</sup> annual physiotherapy conference World Confederation of Physical therapy Asia West Pacific Branch (WCPT AWP) in association with IAP, 22<sup>nd</sup> to 25<sup>th</sup> January 2009.
- **Tiwari D**, Raja K. Shoulder pain in paraplegics using wheelchair. Symposium on spinal cord injury rehabilitation conducted by the Department of Physiotherapy, Manipal College of Allied Health Sciences, Manipal (MAHE), Karnataka, India. 17<sup>th</sup>-19<sup>th</sup> February 2006.

#### **Poster presentations**

- **Tiwari D**, Mariah A, Schulz R, Gotts B, Stewart C, Kaur M. Development and content validation of the Pediatric Dizziness Index (PDI). 13<sup>th</sup> World congress of Neurorehabilitation, Vancouver, Canada, May 22-25 2024.
- **Tiwari D**, Mariah A, Schulz R, Gotts B, Stewart C, Kaur M. Development and content validation of the Pediatric Dizziness Index (PDI). Brain Injury Association of Massachusetts 42<sup>nd</sup> annual conference, Marlboro, MA, March 27-28.
- Kaur, M., Gochyyev, G., **Tiwari, D**. Use of Standardized Motor Assessments in Children with Autism Spectrum Disorder: A Meta-Analysis and Systematic Review. APTA Combined Sections Meeting (CSM), 2024 Feb 15-17, Boston.
- Casey M, Jones K, Mikhael M, Nichols K, Shiber L, **Tiwari D**, Representation of concussion content in the Doctor of Physical Therapy curriculum: A survey. APTA Combined Sections Meeting (CSM), 2024 Feb 15-17, Boston.
- Dashottar A, Kulinski JH, O'Rourke M, **Tiwari D** Clinical Instructor's Self-Reported Modeling of Evidence-Based Practice during Student Clinical Experience APTA Combined Sections Meeting (CSM), 2024 Feb 15-17, Boston.
- Concannon P, O'Byrne M, Twombly V, West A, **Tiwari D**. Effectiveness of vestibular rehabilitation in children and adolescents post-concussion: A systematic review APTA Combined Sections Meeting (CSM), 2024 Feb 15-17, Boston
- **Tiwari, D.**, Naidoo, K. Chatiwala N, Kaur M, Eddy, E.Z. Development and validation of the activities and participation children and adolescents –neck (APCAN) measure ACRM 2023, Atlanta. Oct 30-Nov 2 2023.
- Saini S, Golwala P, Palekar T, **Tiwari D**. Cognitive Behavior Assessment Questionnaire (CBAQ): Psychometric properties and exploratory factor analysis, ACRM 2023, Atlanta. Oct 30-Nov 2 2023.
- Paige Concannon, Mairead O'Byrne, Victoria Twombly, August West, **Tiwari D** Effectiveness of Vestibular Rehabilitation in Children Post-Concussion: A Systematic Review. APTA pediatrics annual conference 2023 October 27-29 Omaha Nebraska
- Concannon P, O'Byrne M, Twombly V, West A, **Tiwari D**. Effectiveness of vestibular rehabilitation in children and adolescents post-concussion: A systematic review. Poster at ACRM 2023, Atlanta. Oct 30-Nov 2 2023.

- Saini S, Golwala P, **Tiwari D**, Palekar TJ Cognitive Behavior Assessment Questionnaire in Nonspecific Chronic Low Back Pain: Development and Validation. World Physiotherapy Congress, Dubai, UAE, June 2-4 2023.
- **Tiwari D** and Gochyyev P. Item Analysis of the Dizziness Handicap Inventory Children and Adolescents (DHI-CA) in Post-Concussion Population. APTA Combined Sections Meeting (CSM), San Diego, CA, Feb 24, 2023
- **Tiwari D** and Gochyyev P. Item Analysis of the Dizziness Handicap Inventory Children and Adolescents (DHI-CA) in Post-Concussion Population. Brain Injury Association of Massachusetts 41<sup>st</sup> annual conference, Marlboro, MA, March 29-30 2023.
- Saini S, **Tiwari D**, Golwala P, Palekar T. Development and Validation of the Cognitive Behavior Assessment Questionnaire (CBAQ) in Nonspecific Chronic Low Back Pain. APTA Combined Sections Meeting (CSM), San Diego, CA, Feb 23, 2023
- Gore S, Gochyyev P, **Tiwari D**. Item analysis of Functional Measure Indicators in the National Health and Nutrition Survey. APTA Combined Sections Meeting (CSM), San Antonio, Texas, Feb 2022.
- Ludes K, Roseberry K, Redwine L, Powell E, Sanchez L, **Tiwari D** Pediatric Physical Therapy via Telehealth. APTA Combined Sections Meeting (CSM), San Antonio, Texas, Feb 2022.
- Doss M, St. Amand M, Figueriedo AC, Lawrence E, Ciarlone M, Powers J, **Tiwari D** Effectiveness of Technology based Education on Quality of Life in Patients with Congestive Heart Failure. APTA Combined Sections Meeting (CSM), Feb-Mar 2021
- Hindmarsh AT, Lannon D, Gilday M, Haleudeth K, Kordonsky L, **Tiwari D** Impact of Exercise on Academic Achievement in Doctor of Physical Therapy Students: A cross-sectional study. Combined Sections Meeting (CSM), Feb-Mar 2021
- Kosienski E, Kumar C, Schechter R, Sheridan C, Winshman L, **Tiwari D**. Current Attitudes and Beliefs in Interdisciplinary Pediatric Concussion Return to Play Management 73<sup>rd</sup> Annual Eastern Athletic Training Association (EATA) meeting, January 8-11, 2021.
- **Tiwari D**, Goldberg A, Yorke A, Marchetti G, Alsalaheen B. Measurement properties of the Dizziness Handicap Inventory- Children and Adolescent version in post-concussion children and adolescents. American Congress of Rehabilitation Medicine (ACRM), Chicago, IL: 5<sup>th</sup> - 7<sup>th</sup> November 2019
- **Tiwari D**, Goldberg A, Yorke A, Marchetti G, Alsalaheen B. Measurement properties of the Dizziness Handicap Inventory- Children and Adolescent version in post-concussion children and adolescents. Concussion Diagnosis and Management Conference. Dr. Robert C. Cantu Concussion Center, Emerson Hospital, MA: 20<sup>th</sup> -21<sup>st</sup> September 2019
- **Tiwari D**, Goldberg A, Yorke A, Marchetti G, Alsalaheen B. Measurement properties of postural control measures in typically developing children: a systematic review. APTA Massachusetts Chapter meeting, Norwood, MA: 27<sup>th</sup> October, 2018
- Dani D, **Tiwari D**. Integrated therapy approach using electrical stimulation, kinesio-tex tape and exercise on Pusher's syndrome and right spatial neglect in a right cerebral stroke: A case report. 31<sup>st</sup> Kinesio-Taping Association International (KTAI) Research Symposium; Honolulu Hawaii: Oct 7-8, 2017
- **Tiwari D**, Daly, C, Alsalaheen, B. Home based circuit training program in an adolescent female with severe traumatic brain injury: a case report. Combined Sections Meeting, APTA; Anaheim, CA: Feb 17 -20, 2016

- **Tiwari D**, Hayman L. Factors influencing compliance of parents of children with special needs towards home exercise program: a qualitative study. Combined Sections Meeting, APTA; Anaheim, CA: Feb 17 -20, 2016
- **Tiwari D**, Daly, C, Alsalaheen, B. Home based circuit training program in an adolescent female with severe traumatic brain injury: a case report. MPTA Fall Conference; Thompsonville, MI: Oct 16 -18, 2015
- **Tiwari D**, Raja K. Shoulder pain in paraplegics using wheelchair. The 45<sup>TH</sup> Annual physiotherapy conference IAP held in Kolkata from Feb 2<sup>nd</sup> to 4<sup>th</sup>, 2007.

#### **Non-Peer Reviewed Publications:**

- **Tiwari D**. Role of physical therapy in children with neuromuscular conditions. Article published in the Huron County health magazine, Nov 2011

#### **Invited Talks:**

- Dashottar A, Haney J, O'Rourke M, **Tiwari D** Therapy Talk: Bridging the Gap Between Research and Clinical Physical Therapy Practice APTA of MA annual conference Nov 11, 2023 Norwood MA. (1 hour session)
- **Tiwari D**. Webinar on Current Trends in Management of Concussion in Pediatrics: June 29, 2022. Australian Physiotherapy Association, Victoria National Pediatric Group (Scheduled)
- **Tiwari D**. Webinar on Current Trends in Management of Concussion in Pediatrics: September 17<sup>th</sup>, 2021, hosted by Sancheti College of Physiotherapy, Pune, India.
- **Tiwari D**. Webinar on Vestibular rehabilitation. Project AskPhysios: June 20<sup>th</sup>, 2020.
- **Tiwari D**. Measurement Properties of the Dizziness Handicap Inventory- Children and Adolescent version in post-concussion. Pediatric Special Interest Group, Boston, MA: March 25<sup>th</sup>2020
- **Tiwari D**. Recent Advances in Assessment and Management of Concussion. Manipal University, Manipal, India: Jan 6<sup>th</sup>, 2020
- **Tiwari D**. Professional Update on Rehabilitation Post-Concussion. D.Y. Patil College of Physiotherapy, Pimpri, India: Jan 6<sup>th</sup>, 2020
- **Tiwari D**. Factors influencing compliance of parents of children with special needs towards home exercise program; Guest speaker at Huron Intermediate School District, Bad Axe: May 9<sup>th</sup>, 2015
- **Tiwari D**. Role of physical therapists in the management of lymphedema; Guest speaker at Huron County Medical Care Facility: July 15<sup>th</sup>, 2014
- **Tiwari D**. Balance training in Parkinson's disease; Guest speaker at Parkinson's society, Bad Axe: November 15<sup>th</sup>, 2011
- **Tiwari D**. Balance training in Parkinson's disease; Guest speaker at Parkinson's society, Frankenmuth: February 12<sup>th</sup>, 2012
- **Tiwari D**. Study designs in research for clinicians at the Research methodology workshop; Sancheti Institute College of Physiotherapy: 12<sup>th</sup> and 13<sup>th</sup> March, 2010

#### **Educational Activities**

## Courses Taught

<b>Simmons University</b> Faculty (DPT program)	<b>2019-current</b> Research Seminar: Proposal Frameworks for PT: Neuromuscular I Frameworks for PT: Neuromuscular II
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<b>MCPHS University</b> Faculty (DPT program)	<b>2018-2019</b> Neurological Examination and Intervention I and II Evidence Based Practice I Evidence Based Practice II Motor Control Neuropathology
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<b>University of Michigan-Flint</b> Course Instructor (DPT program)	<b>2016</b> Neurological examination and interventions II
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<b>D.Y. Patil College of Physiotherapy</b> Course Instructor (MPT program)	<b>2007-2010</b> Pediatric examination and interventions Research methods
Course Instructor (BPT program)	Pediatric examination and interventions Neurological examination and interventions Research methods

## Clinical Supervision

Pediatric inpatient and outpatient rehab	2007-2010
Adult neurological inpatient rehab	2007-2010

## Student Mentoring

Faheem N, Diniz T, Alessio J, Mace R. Normative data and test-retest reliability of three cervical spine tests in children and adolescents.	2022-current
Schulz B, Allen M, Stewart K, Gotts B. Development and content validity of a new patient-report measure for dizziness in children and adolescents.	2022-current
Hindmarsh AT, Lannon D, Gilday M, Haleudeth K. Impact of Exercise on Academic Achievement in Doctor of Physical Therapy Students: A cross-sectional study.	2020-2021
Doss M, St. Amand M, Figueriedo AC, Lawrence E, Ciarlone M. Effectiveness of Technology based Education on Quality of Life in Patients with Congestive Heart Failure.	2020-2021
Allison Triola, Brandon Ong. Exploratory Analysis of Physical Therapy Utilization and Practice Patterns for Individuals with COVID-19.	2020-2021
Kosienski E, Kumar C, Schechter R, Sheridan C, Winshman L. Current Attitudes and Beliefs in Interdisciplinary Pediatric Concussion Return to Play Management.	2019-2021
Luddes K, Powell E, Redwine L, Roseberry K, Sanchez L. Comparison between Pediatric Physical Therapy Process of Care and Home Exercise Program in Telehealth and In-Person Settings.	2019-2021

## Professional Membership and Activities

Member of the American Physical Therapy Association (APTA)	2013 - current
-Academy of Pediatric Physical Therapy, APTA	2013 - current
- Neurology section, APTA	2013 –current
- Research section, APTA	2015 - current
-Education section, APTA	Jan 2016 - current
Member of the Neuro Developmental Therapy Association (NDTA)	2014 – current
Member of the Gerontological Society of America (GSA)	2014 - current
Member of the Michigan Physical Therapy Association (MPTA)	2013 - current
Member of the Indian Association of Physiotherapy (IAP)	2008 - current

**Institutional Service****Departmental and University Committees at Simmons**

Member of Admissions committee, Simmons University	2019 – present
Member, Faculty Search Committee	2022

**Departmental and University Committees at MCPHS**

Member of the professional development committee	2018-2019
Member of the research committee	2018-2019
Member of CAPTE committee	2018-2019

**Other Professional Assignments and Committees**

Quality appraisal group, clinical practice guidelines on patients post dorsal rhizotomy	current
Editorial Board Member, International Journal of Neurologic Physical Therapy	current
Representative of the Assembly- Massachusetts Chapter, American Physical Therapy Association (APTA)	2019-current
Member of the Specialization, Residency and Fellowship Committee, Academy of Neurological Physical Therapists, APTA	2020-current
Item writing, Neurologic Clinical Specialty Exam (NCS)	2022
Item writer for national physical therapy exam (NPTE)	2016
Booth volunteer at the Combined Sections Meeting (Neurology and Pediatrics)	2016
Member of scientific committee at the national conference	2011
Indian association of Physiotherapists (IAP)	

**Journal Reviews:**

Reviewer: Journal of Physical Therapy Education (JOPTE)	current
Reviewer: Journal of Sports Rehabilitation	current
Reviewer: International Journal of Therapy and Rehabilitation	current
Reviewer: OBM Geriatrics	current
Reviewer: Games for health	current
Reviewer: Brain injury	current
Reviewer: BMJ open	current
Reviewer: Physical Therapy and Rehabilitation Journal (PTJ)	current
Reviewer: Journal of Neurologic Physical Therapy (JNPT)	current
Reviewer: International Journal of Clinical Skills	2017
Symposium proposals reviewer for the pediatric section at CSM	2016

**Continuing Education Attended:**

- APTA Combined Sections Meeting. San Antonio, TX. Feb, 2022
  - APTA Combined Sections Meeting, virtual. Feb 2-5, 2021
  - American Congress of Rehabilitation Medicine (remote). Nov, 2020
  - Learning Health Systems Rehabilitation Research (LeaRRn) conference Nov, 2020
  - American Congress of Rehabilitation Medicine. Chicago, IL. Nov, 2019
  - Summer Teaching Institute. Simmons University. Boston, MA; August 5-8, 2019
  - APTA Combined Sections Meeting. New Orleans, LA. Feb 18-21, 2018
  - 2<sup>nd</sup> Annual Management of Post-concussion/Headache Patient workshop.  
Burlington specialty clinics, Ann Arbor, MI; May 12-13, 2017
  - APTA Combined Sections Meeting. SanAntonio, TX. Feb 15 -18, 2017
  - Pediatric physical therapy journal discussion by Academy of pediatric physical therapy.  
Dec 14, 2016
  - Recertification in LSVT BIG. Feb 8, 2017
  - Gerontological Society of America (GSA) Conference. New Orleans, LA: Nov 18-21, 2016
  - APTA Combined Sections Meeting. Anaheim, CA. Feb 17 -20, 2016
  - Gerontological Society of America (GSA) Conference. Orlando, Florida: Nov 18 -21, 2015
  - MPTA Fall Conference; Holland, MI. Oct 14 -15, 2016
  - NPTE item writing workshop by FSBPT; Wayne State, Detroit, MI. Sept 9 – 10, 2016
  - Participated in the Inter Professional Education (IPE); UM- Flint. Apr 2016
  - MPTA Fall Conference; Thompsonville, MI. Oct 16 -18, 2015
  - Five days of Neuro Developmental Therapy, City Kids; Chicago. March 20-24, 2015
  - Training on the Mobility Opportunities via Education (MOVE),  
Huron Intermediate School District. April 30, 2014
  - APTA Combined Sections Meeting; Indianapolis, IN. Feb 4-7 2015
  - MPTA Fall Conference; Kalamazoo. Oct 24 – 25, 2014
  - Recertification in LSVT BIG. August 8, 2014
  - Great Lakes seminars on cervical and thoracic spine, Troy, MI: Sept 15-16, 2012
  - Great lakes Seminars on lumbar spine mobilization; Sept 17 -18, 2011
  - Great Lakes seminars on shoulder; Wyandotte, MI: Oct 29 – 30, 2011
  - LSVT BIG certification by lsvtglobal; Traverse City, MI. Oct 1-2, 2011
- (more available upon request)*
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