

CURRICULUM VITAE

Jaspreet Sodhi, PhD, MPH, MPT

Joint Assistant Professor
School of Physical Therapy & Department of Public Health
College of Health Professions, Marshall University
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Education

Post-Doctoral Research Fellow

St. Jude Children's Research Hospital, Memphis, TN
Cancer Control and Epidemiology
Sep 2019 – Sep 2020

Doctor of Philosophy

University of Texas Medical Branch, Galveston, TX
Rehabilitation Sciences – Health Outcomes
July 2015 – July 2019

Master of Public Health

University of Texas Medical Branch, Galveston, TX
Epidemiology Track
July 2016 – July 2018

Master of Science in Sports Physical Therapy

Guru Nanak Dev University, India
July 2007 – July 2009

Bachelor of Science in Physical Therapy

Guru Nanak Dev University, India
July 2002 – July 2006

Licensure/ Certifications

Basic Life Support (BLS) – American Heart Association (CPR & AED), Exp. April 2026

Physical Therapist, Indian Association of Physiotherapists – Lifetime Member

Certified Doping Control Officer, World Anti-Doping Agency, May 2010

Board-Certified Sports Kinesiology Taping, July 2007

Professional Experience/ Employment History

Joint Assistant Professor (*Tenure Track*)

School of Physical Therapy & Department of Public Health, Marshall University
July 2025 – Present

Assistant Professor (*Tenure Track*)

School of Physical Therapy, Marshall University
Feb 2024 – Present

Consultant – Research and Data Strategy

Inmar Intelligence Inc., Winston-Salem, NC
April 2022 – Dec 2022

Director – Client Engagement (Clinical Data Strategy)

SaleSEER Inc, Houston, TX

Sep 2020 – Dec 2021

Post-doctoral Research Fellow

St. Jude Children's Research Hospital, Memphis, TN

Sep 2019 – Sep 2020

Research Assistant

Department of Rehabilitation Sciences, UTMB, Galveston, TX

July 2015 – July 2019

Teaching Assistant

Department of Public and Population Health, UTMB

July 2017 – July 2018

Summer Intern – Epidemiology & Health Risk Assessment

Chevron Energy Technology Company, Houston, TX

June 2017 – Aug 2017

Teaching Assistant

Department of Physical Therapy, UTMB

July 2016 – June 2017

Senior Physical Therapist

Dukh Niwaran Mission Hospital, Amritsar, India

May 2011 – May 2013

Senior Sports Physical Therapist

Fortis Hospital, Noida, India

Sep 2009 – Feb 2011

Doping Control Officer Assistant

Commonwealth Games, Delhi

March 2010 – Oct 2010

Occupational Therapist (Volunteer)

Aarambh – The Beginning (Non-profit), India

July 2009 – Sep 2009

Research Assistant

Dept. of Sports Medicine & Physical Therapy, Guru Nanak Dev University, India

July 2007 – July 2009

Official Sports Physical Therapist

35th Junior National Aquatic Championship, Punjab, India

Aug 2008 – Sep 2008

Physical Therapist Intern

Fortis Hospital, Noida, India

Oct 2006 – April 2007

Peer Reviewed Publications

Papini, C., **Sodhi, J. K.**, Argenbright, C. M., Ness, K. K., & Brinkman, T. M. (2025). Pain and frailty in childhood cancer survivors: A narrative review. *Current Oncology*, 32(1), 22.

<https://doi.org/10.3390/curroncol32010022>

Sodhi, J. K., Karmarkar, A., Raji, M., Markides, K. S., Ottenbacher, K. J., & Al Snih, S. (2020). Pain as a predictor of frailty over time among older Mexican Americans. *Pain*, 161(1), 109–113.

<https://www.nih.gov/news-events/news-releases/older-mexican-american-adults-experiencing-pain-are-risk-developing-frailty>

(Editor's Choice; featured in NIH press release)

Rodriguez, M. A., Chou, L. N., **Sodhi, J. K.**, Markides, K. S., Ottenbacher, K. J., & Al Snih, S. (2021). Arthritis, physical function, and disability among older Mexican Americans over 23 years of follow-up. *Ethnicity & Health*, 27(8), 1915–1931. <https://doi.org/10.1080/13557858.2021.2002271>

Li, C. Y., Al Snih, S., Chen, N. W., Markides, K. S., **Sodhi, J.**, & Ottenbacher, K. J. (2019). Validation of the modified frailty phenotype measure in older Mexican Americans. *Journal of the American Geriatrics Society*, 67(11), 2393–2397.

Sodhi, J., Pennel, C. L., Baillargeon, J., & Prochaska, J. D. (2019). An exploratory study of community health priorities and implementation strategies for nonprofit hospitals in southeastern Texas. *Texas Public Health Journal*, 71(1), 20–23.

Sodhi, J., & Shyamal, K. (2014). Correlations of hip and knee range of motion with selected anthropometric variables in Indian obese individuals. *Annals of Biological Research*, 5(2), 47–50.

Sodhi, J., Shenoy, S., & Sandhu, J. (2010). Effectiveness of strengthening exercises in the management of forward head posture among computer professionals – an EMG analysis. *Indian Journal of Physiotherapy and Occupational Therapy*, 4(3), 37–41.

Peer Reviewed Scientific and Professional Presentations

Sodhi, J., Timmons M. (2025, October). *Prevalence and Contributing Factors of Neck, Trunk, and Upper Extremity Pain in Musicians from the Appalachian Region*. American Congress of Rehabilitation Medicine 102nd Annual Conference, Chicago, IL. (Poster presentation)

Sodhi, J., Banks A, Garland K, Ellis R. (2025, September). *From Screening to Safety: Implementing STEADI for Older Community-Dwelling Adults*. American Physical Therapy Association-West Virginia (APTA-WV) Annual Conference. Charleston, WV (Platform and Poster presentation)

Sodhi, J., & Al Snih, S. (2025, April). *Sleep complaints and pain among American older adults: Findings from the National Health and Aging Trends Study*. USASP Annual Scientific Meeting, USA. (Poster presentation)

Sodhi, J., & Al Snih, S. (2024, November). *Pain and lower extremity functional limitation in American older adults: A 6-year follow-up study*. Gerontological Society of America Annual Scientific Meeting, Seattle, WA. (Poster presentation)

Sodhi, J., Chou, L. N., & Al Snih, S. (2019, November). *Does pain predict frailty among older American adults? Findings from the National Health and Aging Trends Study*. Gerontological Society of America Annual Scientific Meeting, Austin, TX. (Poster presentation)

Sodhi, J., Karmarkar, A., Markides, K. S., Ottenbacher, K. J., & Al Snih, S. (2018, October). *Association between pain and frailty over time among older Mexican Americans*. American Congress of Rehabilitation Medicine 95th Annual Conference, Dallas, TX. (Podium presentation)

Sodhi, J., Ottenbacher, K. J., & Al Snih, S. (2018, November). *Pain and upper-lower extremity disability in American older adults*. Gerontological Society of America Annual Scientific Meeting, Boston, MA. (Poster presentation)

Sodhi, J., & Al Snih, S. (2017, October). *Trends in pain prevalence in older American adults: Findings from the National Health and Aging Trends Study*. American Congress of Rehabilitation Medicine 94th Annual Conference (Progress in Rehabilitation Research), Atlanta, GA. (Poster presentation)

Sodhi, J., & Shenoy, S. (Year not provided). *Effectiveness of proprioceptive exercises vs. strengthening exercises in the management of forward head posture among computer professionals – an EMG analysis*. (Podium presentation)

Funded/ In Review Grant Activity

Pilot Study Grant (Sodhi – PI)

Sponsor: Marshall University Research Corporation

Title: Decreasing Frailty in Geriatric Patients with Home-Based Exercise Programs

Goal: Assess the effectiveness of a home-based exercise program in reducing frailty, evaluate its

impact on physical and functional performance, and identify barriers and facilitators to adherence.
Period: 03/15/25 – 05/31/25 Total Costs: Unfunded
Role: Primary Investigator

R01 AG10939 (Markides - PI)

Sponsor: NIH/National Institute on Aging

Title: Longitudinal Study of Mexican American Elderly Health

Goal: Longitudinal study of at least 3,050 elderly Mexican Americans in the Southwest. Estimate prevalence and incidence of major conditions and disabilities and compare with other populations. Study predictors of mortality and change in health over time.

Period: 09/15/19 - 05/31/24

Total Costs: \$2,669,622

Role: Research Assistant

R01 MD010355 (Al Snih - PI)

Sponsor: NIH/National Institute on Minority Health and Health Disparities Title:

Long-term Health Outcomes in Mexican American Older Adults

Goal: Explore the transitions and trajectories associated with frailty in Mexican American older adults.

Period: 02/10/16 – 11/30/22

Total Costs: \$1,550,000

Role: Research Assistant

PC Grant#40051

Sponsor: Presidents Cabinet committee

Title: An Ounce of Prevention is Worth a Pound of Cure: The St. Vincent's/Luke Society Preventive Dental Health Clinic Collaboration

Goal: To expand current services by establishing a new preventive dental health clinic that will offer oral health education, dental exams and cleanings, fluoride varnish and seal applications for adults and children. The goal is to prevent new tooth/oral infections, reduce dental decay, decrease the need for antibiotics and improve overall health.

Period: 10/11/2018- 10/11/2019

Total Costs: \$60,000

Role: Research Assistant

Current/ Active Research Activity

Pain, disablement process and frailty among American older adults.

Fall Prevention in community dwelling older adults of Appalachia region

Pain and its predictors in Appalachian musicians and nurses

Major Areas of Research Interest

Pain and its adverse health outcomes, Disability and Frailty in older population, Racial health disparities and health outcomes, Cancer epidemiology and physical assessment, social determinants of Health, Minority Health

Membership in Scientific/ Professional Organizations

U.S. Association for the Study of Pain (USASP), 2025 to present

American Society of Clinical Oncology, 2019 to present

International Association of Population Health Sciences, 2018 to present

The Gerontological Society of America, 2017 to present

Public Health Association, 2017 to present

Member, American Congress of Rehabilitation Medicine, 2016 to present

Consultative and Advisory Positions Held

Assistant Editor Appalachian Student Health Research Review Editorial Board - May 2025 - Present

Academic advisor for 11 doctorate-level professional students - May 2024 - Present

Advised undergraduate and graduate students, for grant proposals and research grants - April 2024 -Present

Services to University/ College/ School on Committee/ Councils/ Commissions

Member, Interprofessional Education and Collaboration Committee, COHP, Marshall University, 2024- Present

Member, Curriculum Development Committee, SOPT, Marshall University, 2024- Present Member, Member, Administrative Committee, SOPT, Marshall University, 2025- Present

Member, Research Committee, SOPT, Marshall University, 2024- Present

Member, Admissions Committee, SOPT, Marshall University, 2024- Present

Member, Committee for Career Development Organization, University of Texas Medical Branch at Galveston, Texas, 2018-2019

Member, Student Health Governance Board Committee, University of Texas Medical Branch, at Galveston, Texas, 2018-2019

Chair, Preventive Medicine and Community Health, Graduate Student Organization, University of Texas Medical Branch, at Galveston, Texas, 2017-2019

Services to the Scientific Publishers

Book Reviewer

Evidence-Based Physical Therapy,
3rd Edition- Publisher FA. Davis

Journal Reviewer

Epidemiology and Health, 2019- Present

BMC Cancer, 2019 – Present

Rehab Oncology, 2017- Present

Aging and Health, 2017- Present

Biomechanics, 2024- Present

Honors and Awards

Emily E. Dupree Scholarship Award Winner, University of Texas Medical Branch, Galveston, TX Nov 2018

Lydia Schapper Endowed Scholarship Award Winner,
University of Texas Medical Branch, Galveston, TX Nov 2018

President's Cabinet Award Winner,
University of Texas Medical Branch, Galveston, TX Sep 2018

Excellence in Rehabilitation Research Award Winner, 22nd
Annual Forum on Aging at UTMB
University of Texas Medical Branch, Galveston, TX Oct 2018

Merit certificate for sterling contribution,
Commonwealth Games Delhi 2010, India Oct 2010

Current Teaching Responsibility in Graduate-Level Programs

Fall 2025

PH 655: Introduction to Health Policy (2 credit hours)
PT 764: Evidence Based Practice III – Capstone (1–2 groups of 3 students)
PT 751: Legal and Cultural Issues in Physical Therapy (2 credit hours)
PT 741: Medical Pathology in Physical Therapy (3 credit hours)

Summer 2025

PT 761: Evidence Based Physical Therapy I (2 credit hours)
PT 713: Outcome Measures in Physical Therapy (3 credit hours)
PT 748: Pain Science (1 credit hour)

Spring 2025

PT 763: Evidence Based Physical Therapy II (2 credit hours)
PT 786: Pediatrics and Geriatrics in Physical Therapy (3 credit hours)
PT 783: Cardio-Pulmonary Rehabilitation (3 credit hours)

Fall 2024

PT 788: Rehabilitation Considerations in Selected Patient Populations (2 credit hours)
PT 764: Evidence Based Practice III – Capstone (1–2 groups of 3 students)
PT 751: Legal and Cultural Issues in Physical Therapy (2 credit hours)
PT 741: Medical Pathology in Physical Therapy (3 credit hours)

Summer 2024

PT 761: Evidence Based Physical Therapy I (2 credit hours)
PT 713: Outcome Measures in Physical Therapy (3 credit hours)
PT 748: Pain Science (1 credit hour)

Spring 2024

PT 763: Evidence Based Physical Therapy II (2 credit hours)
PT 786: Pediatrics and Geriatrics in Physical Therapy (3 credit hours)
PT 783: Cardio-Pulmonary Rehabilitation (3 credit hours)