

CURRICULUM VITAE

Jaspreet Sodhi, PT, MPH, PhD
Assistant Professor
School of Physical Therapy
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
The University of Texas Medical Branch, Galveston, TX
Rehabilitation Sciences - Health Outcomes
July 2015 - July 2019

Master of Public Health
The University of Texas Medical Branch, Galveston, TX
Epidemiology Track
July 2016 - July 2018

Master of Science
Guru Nanak Dev University, India
Sports Physical Therapy
July 2007 - July 2009

Bachelor of Science
Guru Nanak Dev University, India
Physical Therapy
July 2002 - July 2006

Licensure/ Certifications

Basic Life Support for Healthcare Providers (CPR & EAD) Certification, American Heart Association; Expiration Date- April 2024

Licensed Physical Therapist, registered with Indian Association of Physiotherapists (Member of World Confederation of Physical Therapy) - Lifetime member.

Certified Doping Control Officer, International Standards of testing from World Anti-Doping Agency- May 2010

Board Certified Sports Kinesiology Taping- July 2009

Professional Experience/ Employment History

Assistant Professor
Tenure Track
School of Physical Therapy
Huntington, WV
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
Cancer Control and Epidemiology
Sep 2019 - Sep 2020

Research Assistant
University of Texas Medical Branch, Galveston, TX
Department of Rehabilitation Sciences
July 2015- July 2019

Teaching Assistant
University of Texas Medical Branch, Galveston, TX
Department of Public and Population Health
July 2017- July 2018

Epidemiology & Health Risk Assessment Summer Intern
Chevron Energy Technology Company, Houston, TX
Division of Health and Environment Safety
June 2017- Aug 2017

Teaching Assistant
University of Texas Medical Branch, Galveston, TX
Department of Physical Therapy
July 2016- June 2017

Senior Physical Therapist
Dukh Niwaran Mission Hospital, Amritsar, India
May 2011 - May 2013

Senior Sports Physical Therapist
Multispecialty Fortis Hospital, Noida, India
Sep 2009- Feb 2011

Assisting Doping Control Officer,
Commonwealth Games, Delhi 2010
March 2010 - Oct 2010

Occupational Therapist Volunteer
Aarambh –The Beginning (non-profit organization), India
July 2009 – Sep 2009

Research Assistant
Guru Nanak Dev University, PB, India
Department of Sports Medicine & Physical Therapy
July 2007 - July 2009

Official Sports Physical Therapist
National Aquatic Championship Punjab, India
Swimming Team, 35th Junior
Aug 2008 – Sep 2008

Physical Therapist Intern
Multispecialty Fortis Hospital, Noida, India
Department of Physical Therapy
Oct 2006 - April 2007

Peer Reviewed Publications

Sodhi J. K., A. Karmarkar, M. Raji, K. S. Markides, K. J. Ottenbacher, and S. Al Snih. "Pain as a Predictor of Frailty over Time among Older Mexican Americans." *Pain* 161, no. 1 (Jan 2020): 109-13. (*Editor's Choice and tweeted in NIH press release* <https://www.nih.gov/news-events/news-releases/older-mexican-american-adults-experiencing-pain-are-risk-developing-frailty>)

Li, C. Y., S. Al Snih, N. W. Chen, K. S. MarkideSas, **J. Sodhi**, and K. J. Ottenbacher. "Validation of the Modified Frailty Phenotype Measure in Older Mexican Americans." *Journal of American Geriatric Society* 67, no. 11 (Nov 2019): 2393-97.

Sodhi, J., Pennel, C. L, Baillargeon, J, Prochaska, J.D. An Exploratory Study of Community Health Priorities and Implementation Strategies for Nonprofit Hospitals in Southeastern Texas. *Texas Public Health Journal*, 2019; 71(1), 20-23.

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

Sodhi J, Shenoy S, Sandhu J. Effectiveness of Strengthening exercises in the management of Forward Head Posture among computer professionals – an EMG analysis. *Indian Journal of Physiotherapy and Occupational Therapy*. 2010;4(3):37-41.

Peer Reviewed Scientific and Professional Presentations

Sodhi J, Chou LN, Al Snih S. Does Pain Predicts Frailty among Older Adult Americans: Findings from the National Health and Aging Trends Study. *Gerontological society of America 2019 Annual Scientific Meeting* Nov 2019, Austin USA.

Sodhi J, Karmarkar A, Markides K.S, Ottenbacher KJ, and Al Snih S, "Association between Pain and Frailty over time among Older Mexican Americans". *American Congress of Rehabilitation Medicine 95th Annual Conference*, Oct 2018, Dallas, TX.

Sodhi J, Ottenbacher KJ, Al Snih S. “Pain and Upper-Lower Extremity Disability in American Older Adults” *Gerontological society of America 2018 Annual Scientific Meeting* Nov 2018, Boston USA.

Sodhi J, Al Snih S. “Trends in Pain Prevalence in Older Adult Americans; Findings from National Health and Aging Trends Study”. *American Congress of Rehabilitation Medicine 94th Annual Conference, Progress in Rehabilitation Research (PIRR)*, Oct 2017, Atlanta, Georgia.

Sodhi J, Shenoy S., “Effectiveness of Proprioceptive Exercises v/s Strengthening exercises in the management of Forward Head Posture among computer professionals – an EMG analysis”

Funded/ In Review Grant Activity

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: Co-Investigator

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: Co- Investigator

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: Principal Investigator

Current/ Active Research Activity

Pain, disabament process and frailty among American older adults.

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

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 none

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

Member, Committee for Career Development Organization, 2018-2019

Member, Student Health Governance Board Committee, 2018-2019

Chair, Preventive Medicine and Community Health, Graduate Student Organization, 2017-2019

Services to the Scientific Publishers

Journal Reviewer

Epidemiology and Health, 2019- Present
BMC Cancer, 2019 – Present
Rehab Oncology, 2017- Present
Aging and Health, 2017- 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 Entry-Level Programs

Spring:
PT 713 Outcome Measures in PT
PT 748 Pain Science
PT 761 Evidence Based Physical Therapy I

Summer:

PT 763 Evidence Based Physical Therapy II

PT 783 Cardio-Pulmonary Rehabilitation

PT 786 Pediatrics and Geriatrics in PT