

Shweta Gore, PhD, DPT, MPT, GCS, CLT

MGH Institute of Health Professions

36, 1st Ave

Boston, MA – 02129

Email: sgore@mghihp.edu; Contact: 989 525 6619

EDUCATION:

University of Michigan-Flint: 2014 – 2017

Doctor of Philosophy (Ph.D.) in Physical Therapy

University of Michigan-Flint: Sept 2014 - Apr 2016

Post Professional Certificate in Geriatric physical therapy

University of Michigan-Flint: Sept 2012 - Dec 2014

Transitional Doctorate (t-DPT) in Physical therapy

Manipal University, Manipal, India: Aug 2004 - July 2007

Master of Physiotherapy (Intensive care and cardiopulmonary sciences)

Devi Ahilya Vishwavidyalaya (DAVV) University, Indore, India: Aug 1999 - 2004

Bachelor of Physiotherapy

Licensure Information:

Licensed Physical Therapist State of Michigan ID: 5501014718
Licensed Physical Therapist State of Massachusetts ID: 24594

Certifications:

Geriatric Clinical Specialist (GCS) Jun 2016 - Jun 2026
American Board of Physical Therapy Specialties (ABPTS)

Certified Lymphedema Therapist (CLT) Jul 2014 - current

Norton School of Lymphatics

LSVT BIG certified clinician

AHA Basic Life Support

Oct 2011 - Jan 2017

Jun 2017 - current

Academic Appointments:

MGH Institute of Health Professions Aug 2 2023- current
Interim Director of Academic Curriculum

MGH Institute of Health Professions Jul 2021-current
Associate Professor, Physical Therapy

MGH Institute of Health Professions Oct 2017-May 2021
Assistant Professor, Physical Therapy

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

Sancheti College of Physiotherapy, Pune, India Dec 1, 2007 - Nov 2010
Lecturer, Dept. of Physiotherapy

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Clinical Appointments

Narayan Rehabilitation Inc., Bad Axe, MI Physical therapist	April 2011 – Sep 2017
Huron County Medical Care Facility PRN physical therapist	Jul 2012 - Sep 2017
Season's Change Home Health care, Pigeon, MI Physical therapist	Dec 2010 - Apr 2011

Honors and Awards:

Training in Grantsmanship in Rehabilitation Research (TIGRR)	2023
Academy of Physical Therapy Education (ACAPT) Innovation in Teaching Award	2022
New Investigator Award, MGH Institute of Health Professions	2021
Travel scholarship to participate in the grant writing Workshop on Implementation Science and Health services research (WISH)	May 2022
Featured section member, APTA CVP section newsletter	April 2019
PT Horizon's award, University of Michigan for contributions to the profession through service and/or scholarship	2017
Outstanding student research poster	Oct 16 -17 2016
Michigan Physical therapy Association Fall Conference	
Dean's student scholarship, University of Michigan-Flint	2015-2016
Best outgoing graduate student, Manipal University, India;	2007
Best paper award, National Cardiopulmonary Physiotherapy Conference, Delhi, India;	2007

Grants

Submitted:

Agency: National Institute of Minority Health and Health Disparities (NIMHD), K23	
Title: Pathways to Healthy Living: A Physical Activity Promotion Intervention for Black Women with Cardiovascular Disease	
Total: \$945,000	2025-2030
Role: Principal Investigator (PI)	

Agency: National Institute of Minority Health and Health Disparities (NIMHD), R01	
Title: Disparities in Access to Guideline Recommended Cardiac Rehabilitation and Patient Outcomes in Medicare Advantage vs. Fee-For-Service by Race and Dually Eligible for Medicare and Medicaid	
Total: \$3,000,000.00	2025-2030
Role: Multiple Principal Investigator (MPI), PI (Kumar)	

Agency: Foundation for Women's Wellness Research Award (FWW)	
Title: Biopsychosocial Determinants of Physical Activity in Black Women with Cardiovascular Disease.	
Total: \$25,000	Dec 2024-Dec 2025
Role: Principal Investigator (PI)	

Agency: National Institutes of Health NIH, (NICHD), R01	
Title: Effect of physical therapy on acute hospital inpatients' discharge disposition and care cost	
Total: \$: 2,404,503.00	
Role: Site PI, PI (Young)	

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Current:

Agency: National Institute of Aging, R15 REAP

Title: Impact of functional biomarkers on hospitalization, long-term placement, and mortality in community-dwelling older adults with cardiometabolic multimorbidity

Total: \$500,000 2022-2025

Role: Principal Investigator (PI)

Agency: Learning Health Systems Rehabilitation Research Network (LeaRRn) Pilot grant

Improving Mobility and Rehabilitation Service Delivery at Boston Medical Center

Total: \$40,000 2022 – 2024

Role: Principal Investigator (PI)

Agency: Learning Health Systems Rehabilitation Research Network (LeaRRn) research scholar

Implementation and evaluation of the Johns Hopkins Activity Mobility Promotion (AMP)

approach at Boston Medical Center Jun 2021-Jun 2023

Total: \$16,500

Role: Principal Investigator (PI)

Agency: American Physical Therapy Association

2019-2023

Title: Clinical practice guidelines (CPG) on the Immediate Post-Acute Care

Management of Patients with Rehabilitation Needs after Cardiovascular Events/Surgeries

Total: \$9,000.00

Role: Principal Investigator (PI)

Completed

Agency: Center for Large Data Research & Data Sharing in Rehabilitation (CLDR)

2019-2020

Title: "Utilization of outpatient physical therapy and the impact on opioid use and health utilization in community-dwelling older adults with osteoarthritis"

Total: \$23,500.00

Role: Co-Principal Investigator: Salary support

Agency: MGH Institute of Health Professions COVID Research

2020

Title: Health and Function Outcomes After COVID-19 Discharge: A Feasibility

Study

Total: \$5,000.00

Role: Co-investigator

Agency: MGH Institute of Health Professions Faculty Research Fellowship

2019-2020

Title: Impact of physical activity on mortality in community-dwelling older adults with heart failure related multimorbidity

Total: \$10,000.00; Role: Principal Investigator (PI)

Agency: Michigan Physical Therapy Association

2015

Institute for Small grants, Principal Investigator

Title: Factors related to exercise participation in older adults with cardiovascular disease in a rural setting– a qualitative study

Total: \$500.00

Role: Principal Investigator (PI)

Not funded

Agency: National Institute of Aging, R01

2022-2025

Title: Functional Biomarkers for Prediction of Hospitalization, Long-Term Care Placement, and Mortality in Older Adults with Cardiometabolic Multimorbidity

Role: PI

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Agency: Cardiovascular & Pulmonary Section, APTA

2019-2020

Title: Current Physical Practice Patterns in Home-Based Settings
for Post-Cardiac Events or Surgery: A Mixed Methods Study

Total: \$5,000.00

Role: Principal Investigator (PI)

Agency: Cardiovascular & Pulmonary Section, APTA

2010-2020

Title: Factors related to exercise participation in older adults with cardiovascular
disease in a rural setting– a qualitative study

Total: \$10,000.00

Role: Principal Investigator (PI)

Publications under Review

1. **Gore S**, Kumar A, Chou Lin-Na. Mediating Effects of Education, and Income on Racial Disparity in Cardiac Rehabilitation Use following Acute Myocardial Infarction. (*Submitted to Circulation: Cardiovascular interventions*)
2. Chou L, **Gore S**, Kumar A. Geographical Disparities in Cardiac Rehabilitation Utilization by Race and Dual-Eligibility. (*Submitted to JAMA Cardiology*)
3. Stulberg E, Chou L, **Gore S**, Majerisk J, Hunzinger K, Schneider A, Kumar A. Associations of Accelerometer-Measured Physical Activity with Dementia and Anxiety or Depression. (*Submitted to Journal of American Geriatric Society JAGS*)
4. **Gore S**, Pinkstaff S, Child C, Lyons K. Physical Therapy Practices in Home-Based Settings for Post-Cardiac Events and Surgeries: A Mixed Methods Study. (*Submitted to Physical Therapy Journal*)
5. Kumar A, **Gore S**, Roy I, Karmarkar A. Comparing home health care and patient outcomes between Medicare fee-for-service vs Medicare advantage patients with heart failure. (*submitted to JAMA Cardiology, in review*)
6. Jung M., Lafreniere A, Curtis S, **Gore S**. Effectiveness of Virtual Reality Guided Pulmonary Rehabilitation for People with COPD: A systematic Review and Meta-analysis*

*Student mentored projects

Peer Reviewed Publications:

1. **Gore S.**, Beyer V, Collelo J, Melton C. Associations between Physical Activity, Systemic Inflammation, and Hospital Admissions in Adults with Heart Failure. (*Accepted in press, Cardiopulmonary Physical Therapy Journal*) *
2. **Gore S.**, Schworm K, Murphy S, Googins C, Mattie K, Caruso L, Slavin M, Young D. Interdisciplinary Implementation of an Activity and Mobility Promotion Approach to Improve Patient Mobility: A Hospital-Wide Initiative. (*Accepted in press, American Journal of Nursing*)
3. **Gore S**, Khanna H, Kumar A. Effects of Comprehensive Outpatient Cardiac Rehabilitation on Exercise capacity, Functional status, and Quality of Life in People with Heart Failure: a systematic review and meta-analyses* *Physical Therapy Journal*. 2023. 103(11): pzad119.doi: 10.1093/ptj/pzad119
4. Amin R, Vaishali K, Maiya GA, Mohapatra AK, Sinha MK, Bhat A, Bommasamudram T, Acharya V, **Gore S.**. Patient education for individuals with Interstitial Lung Disease: A scoping review. F1000Res. 2024 Apr 26;13:405. doi: 10.12688/f1000research.147340.1. PMID: 38895701; PMCID: PMC11184280.
5. Naidoo, K., **Gore, S.**, McKean, M., Mullins, M., Bowdle, G., Mack, A., Plummer, L.

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Shared Learning Spaces: Peer and Faculty Mentors Develop Skills While Supporting Minoritized Health Sciences Students. *Health Professions Education*. 2023; 9 (1): Article 5. DOI: 10.55890/2452-3011.1030

6. **Gore S**, Tiwari D, Gochyev P. Item Analysis of Functional Measure Indicators in the National Health and Nutrition Examination Survey. *American Journal of Physical Medicine & Rehabilitation*. 2023. January 18. DOI: [10.1097/PHM.0000000000002190](https://doi.org/10.1097/PHM.0000000000002190)
7. **Gore S**, Blackwood J, Ziccardi T. Associations Between Cognitive Function, Balance, and Gait Speed in Community-Dwelling Older Adults with COPD. *Journal of Geriatric Physical Therapy*. 2023. 46(1): 46-52. <https://doi.org/10.1519/jpt.0000000000000323>*
8. **Gores S**, Blackwood J, Houser E, Fernandez N. Determinants of Acute Care Discharge in Adults with Chronic Obstructive Pulmonary Disease. *Physiother Theory Pract*. 2023. 39(1): 39-48. <https://doi.org/10.1080/09593985.2021.2001883>
9. **Gore S** and **Keyser J**. Post-Acute Sequela Rehabilitation: A look to the future through the lens of COPD and Pulmonary Rehabilitation. *Archives of Rehabilitation Research and Clinical Translation*. 2022; 000:100185.
10. Naidoo K, Plummer L, McKean M, Mack A, Bowdle G, Mullins M, **Gore S**. (2022) Virtual Mentoring from Faculty and Peers to Promote Social Belonging Among Minoritized Physical Therapist and Nursing Students. *Healthcare*. 10, 416. <https://doi.org/10.3390/healthcare10030416>
11. Tiwari D, Clock C, **Gore S**. Content Comparison of Neck Pain Outcome Measures using the International Classification of Functioning, disability, and health. *Int J Rehabil Research*. 2021 Nov 12. <https://doi.org/10.1097/MRR.0000000000000508> Epub ahead of print. PMID: 34775438 *
12. Plummer L, Kaygısız BB, Kuehner CP, Naidoo K, **Gore S**, Mercuro R, Chatiwala N. Teaching Online During the COVID-19 Pandemic: A Phenomenological Study of Physical Therapist Faculty in Brazil, Cyprus, and the United States. *Education Sciences*. 2021, 11(3), 130. <https://doi.org/10.3390/educsci11030130>
13. Plummer L, Smith L, Cornforth E and **Gore S**. Teaching Psychomotor Skills in a Virtual Environment: An Educational Case Study. *Education Sciences*. 2021; 11(9):537. <https://doi.org/10.3390/educsci11090537>*
14. Shoemaker M, Mattern M, Scholten H, Zeilter J, **Gore S**. Subjective Daily Physical Activity Measures in Heart Disease: A Systematic Review. *Journal of Physical activity & Health*. *Journal of Physical activity & Health*. 2021. 18(4): 450-460. <https://doi.org/10.1123/jpah.2020-0661>*
15. Tiwari D, Naidoo K, Challawala N, Triola A, Ong B, Bartlo, P, **Gore S**. Exploratory Analysis of Physical Therapy Utilization and Practice Patterns for Individuals with COVID-19. *Physical Therapy Journal (Published online)* *2021 101(6). <https://doi.org/10.1093/ptj/pzab088>*
16. Ahmed S and **Gore S**. Inspiratory Muscle Dysfunction and Exercise Tolerance in Chronic Heart Failure. A Review. *Critical Reviews™ in Physical and Rehabilitation Medicine*. 2020 Dec; 32(4):259-267 doi: [10.1615/CritRevPhysRehabilMed.2020035773](https://doi.org/10.1615/CritRevPhysRehabilMed.2020035773)
17. **Gore S**, Goldberg A, Huang MH, Shoemaker M, Chindam T, Blackwood J. Reliability and Validity of Patient-Reported, Rater-based, and Hybrid Physical Activity Assessments in COPD: A Systematic Review. *COPD: Journal of Chronic Obstructive Pulmonary Disease*. 2020 Dec;17(6):721-731. doi: [10.1080/15412555.2020.1830963](https://doi.org/10.1080/15412555.2020.1830963). Epub 2020
18. **Gore S**, Blackwood J, Goldberg A, Huang MH, Shoemaker M. Validity of the Global Physical Activity Questionnaire in older adults with COPD. Results from the National Health and Nutrition Examination survey. *Cardiopulmonary Physical Therapy Journal*. 2020 31 (4), 159-166

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19. Blackwood J., Fernandez N, **Gore S.** Use of AM-PAC “6-Click” Scores to Predict Discharge Location Post-hospitalization in Adults with Cardiovascular Disease: A Retrospective Study. *Cardiopulmonary Physical Therapy Journal*. 2020 31 (4), 152-158
20. Blackwood J., **Gore S.** Effect of computerized cognitive training on mobility in older adults with cardiovascular disease. *Cardiopulmonary Physical Therapy Journal*. 2020 31 (3), 105-112
21. **Gore S.**, Goldberg A, Huang MH, Shoemaker M & Blackwood J. Development and validation of a quality appraisal tool for validity studies (QAVALS). *Physiotherapy Theory and Practice*. 2019 DOI: 10.1080/09593985.2019.1636435
22. Blackwood J. and **Gore S.** Beyond balance and mobility, contributions of cognitive function to falls in older adults with cardiovascular disease. *Journal of Frailty, Sarcopenia and Falls*. 2019; 4 (3):65-70 doi: 10.22540/JFSF-04-065
23. **Gore S.**, Blackwood J, Guyette M, Alsalaheen B. Reliability and validity of accelerometers in older adults with COPD: A systematic review. *Journal of Cardiopulmonary Rehabilitation and Prevention*. 2018 May; 38(3):147-158.
24. **Gore S.**, Maiya A., Shastri B.S. Comparison of manual hyperinflation using Mapleson- C and Laerdal Bag on lung compliance and hemodynamics in mechanically ventilated intubated adults. *Asian Journal of clinical cardiology*. 2011; 13 (12): 347- 355.
25. **Gore S.**, Sivakumar T. Effect of varying abdominal pressures on pulmonary function in lower tetraplegic patients. *Indian Journal of physiotherapy and occupational therapy*. 2011; 5(1): 119 -121.

*Student mentored projects

Published Abstracts:

1. Kumar A, **Gore S**, Roy I, Karmarkar A. Comparing Home Health Care and Patient Outcomes between Medicare Fee-for-Service Vs Medicare Advantage Patients with Heart Failure. presented at: Academyhealth Annual Research Meeting 2023; Seattle. <https://academyhealth.confex.com/academyhealth/2023arm/meetingapp.cgi/Paper/60268>
2. **Gores S**, Blackwood J. Determinants of functional mobility in older adults. (Abstract) *Innovation in Aging*. 2017;1 (suppl_1): 403 -404.
3. **Gore S.**, Blackwood J, Goldberg A, Huang MH, Shoemaker M. Validity of the Global Physical Activity Questionnaire in older adults with COPD. *American Journal of Respiratory and Critical Care Medicine*. 2018; 197
4. **Gore S**, Blackwood J, Guyette M, Alsalaheen B. Reliability and validity of accelerometers in older adults with COPD: A systematic review. *Gerontologist*. 2016; 56: 145-146
5. **Gore S**, Blackwood J. Association of C reactive protein with mobility measures in community dwelling older adults. *Gerontologist*. 2015; 55: 186-187
6. **Gore S.**, Blackwood J. Effect of computerized cognitive training on mobility in older adults with cardiovascular disease. *Gerontologist*. 2015; 55: 406

Non-Peer Reviewed Publications:

1. **Gore S**, Blackwood J. Impact of motor imagery on fear of fall in a 76-year-old female – A case report: *GeriNotes. Academy of Geriatric physical therapy*. 2016; 23 (5):12 -15.

Manuscripts in preparation:

1. Friggon W, Schmidt, C, **Gore S.** Identifying Factors Associated with Outpatient Physical Therapy Utilization for Older Adults with Osteoarthritis*
2. **Gore S**, Karim R, Baldwin J, Smith L, Pham B, Miccile L. Comparison of Telehealth and On-site Supervised Maintenance Programs for Adults with COPD: a Pilot Randomized Control Trial
3. **Gore S**, Lyons K, Barr-Anderson D. Barriers to Adopting Physical Activity Behaviors in Black Women with Cardiovascular Disease.

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4. Kim, H, **Gore S.** Effectiveness of Culturally Tailored Physical Activity Interventions for Underrepresented Women at Risk of Cardiovascular Disease.

Peer Reviewed Scientific and Professional Presentations:

1. **Gore S**, Kumar A, Chou Lin-Na. Mediating Effects of Education, and Income on Racial Disparity in Cardiac Rehabilitation Use following Acute Myocardial Infarction. American Association of Cardiovascular and Pulmonary Rehabilitation (AACVPR) 39th Annual Meeting. Abstract accepted (Poster). September 25-27, 2024.
2. Hajin J, **Gore S**, Strotmeyer E, Lamonte M, Freeland KS, Cauley J, Stefanick M, Crandall C, Hu C, Lacroix A, Schumacher B. Associations of Obesity Phenotypes with Incident Fall Rates: Results from the Objective Physical Activity and Cardiovascular Health in Older Women (OPACH). American Society of Bone and Mineral Research (ASBMR) conference. Abstract accepted (Plenary Poster). September 27-29, 2024.
3. **Gore S**, Kim H. Biopsychosocial determinants of physical activity in Black Women with cardiovascular disease. Gerontological Society of America (GSA) Annual Scientific Meeting. Abstract accepted (Poster). November 13-16, Seattle.
4. **Gore S**, Adams B, Kim H, Olayinka O, Kimberley T, Lyons K, Barr-Anderson D. Determinants of Physical Activity Among Black Women with Cardiometabolic Disease in the National Health and Nutrition Examination Survey (NHANES). AACVPR 2024 Annual Conference, Sept 25-27, 2024.
5. **Gore S**, Adams B, Kim H, Olayinka O, Kimberley T, Lyons K, Barr-Anderson D. Determinants of Physical Activity Among Black Women with Cardiometabolic Disease in the National Health and Nutrition Examination Survey (NHANES). ACRM 2024 Annual Conference, Oct 31-Nov 3, 2024.
6. **Gore S**, Gochyyev P, Kumar A, Roy I, French, M. "Leveraging Real-world Data to Understand the Impact of Social Determinants on Stroke Recovery and Mortality". (Symposium Presentation). ACRM 2023 Annual Conference, Oct 31-Nov 2, 2023
7. **Gore S**, Mattie K, Schworm K, Googins C, Caruso L, Murphy S, Slavin M. An Implementation Science Approach to Combatting Hospital Immobility using the Translating Evidence into Practice Framework". (Symposium Presentation) ACRM 2023 Annual Conference, Oct 31-Nov 2, 2023
8. **Gore S**, Jung M, Lafreniere A, Curtis S. Effectiveness of Virtual Reality Interventions on Clinical Outcomes in Patients with COPD. Platform presentation. Combined Sections Meeting (CSM), American Physical Therapy Association. Feb 2024
9. **Gore S**, Jung M, Lafreniere A, Curtis S. Effectiveness of Virtual Reality Interventions on Clinical Outcomes in Patients with COPD. Platform presentation. APTA of MA Fall conference. Norwood, MA. Nov 11, 2023.
10. **Gore S**, Roy I, Kumar A, Karmarkar A. Comparing home health care and patient outcomes between Medicare fee-for-service vs Medicare advantage patients with heart failure. *Academy Health Annual Research Meeting*. Seattle, WA, USA. June 24-27, 2023. <https://academyhealth.confex.com/academyhealth/2023arm/meetingapp.cgi/Paper/60268>
11. **Gore S** and Pinkstaff S. **Gore S.** and Pinkstaff S. *Dosing Matters: Prescribing Exercise to Maximize Clinical Benefit*. Educational Session to be presented at the Combined Sections Meeting, Cardiopulmonary Section of the American Physical Therapy Association. San Diego, CA. February 2023.
12. **Gore S.** (2022, November) *Building Capacity for Learning Health Systems Research in Rehabilitation*. Symposium to be presented at the American Congress of Rehabilitation Medicine Congress (ACRM), Chicago, IL.
13. **Naidoo K, Plummer L**, McKean M, Mack M, Bowdle G, Mullins M, **Gore S.** Virtual Faculty and Peer Mentoring to Promote Social Belonging Among Minoritized Physical Therapist and Nursing Students. Platform presentation. Eastern Sociological Society Annual

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Meeting, April 2022. Boston, MA

14. **Gore S**, Pinkstaff S, Child C. *Aerobic Exercise in the Home, Work and Community: Strategies to Overcome Barriers*. Combined Sessions Meeting (CSM), 2022. San Antonio, TX February 3 (Educational session)
15. Tang M, Armenta H, Babcock J, Gonzales A, **Gore S**. Determinants of Frailty among individuals with Heart Failure in the National Health and Nutrition Examination Survey. Combined Sessions Meeting (CSM), 2022. San Antonio, TX 2-5 February (Poster)
16. **Gore S**, Tiwari D, Gochyev P. Item Analysis of Functional Measure Indicators in the National Health and Nutrition Examination Survey. Combined Sessions Meeting (CSM), 2022. San Antonio, TX 2-5 February (Poster)
17. **Gore S**, Pinkstaff S, Robinson Rob. Cardiovascular Physical Therapy in the Home Setting: Are We Doing Enough? Combined Sessions Meeting (CSM), Orlando, Florida Feb 23, 2021. (Educational session)
18. Keshrie Naidoo, Laura Plummer, Beliz Belgen Kaygısız, Cymara Pessoa Kuehner, **Shweta Gore**, Rebecca Mercuro and Naseem Chatiwala, “*Teaching Online during the COVID-19 Pandemic: A Phenomenological Study of Physical Therapist Faculty in Brazil, Cyprus, and The United States.*” Poster presented at the Turkish Annual Conference, Istanbul, Turkey on May 3, 2021.
19. **Gore S**, Sutton W, Sholdz K, Luo E. Associations of Physical Activity with Health Indicators in Individuals with Heart Failure. American Physical Therapy Association’s Combined Sections Meeting (CSM), Feb 2021 (Platform)*
20. Tiwari, D, Naidoo, K, Chatiwala, N, Triola, A, Ong, B, Bartlo, P, **Gore S**. Exploratory Analysis of Physical Therapy Utilization and Practice Patterns for Individuals with COVID-19. American Physical Therapy Association’s Combined Sections Meeting (CSM), Feb 2021 (Platform)*
21. Friggon W, Schmidt, C, **Gore S**. Identifying Factors Associated with Outpatient Physical Therapy Utilization for Older Adults with Osteoarthritis Using EHR. American Physical Therapy Association’s Combined Sections Meeting (CSM), Feb 2021: (Poster)*
22. Tiwari D, Clock C, **Gore S**. Applicability of Neck Pain Measures in Children Using International Classification of Functioning, Disability and Health. American Physical Therapy Association’s Combined Sections Meeting (CSM), Feb 2021: (Poster)
23. **Gore S**. Factors predicting shortness of breath in community-dwelling adults with COPD in the National Health and Nutrition Examination Survey APTA’s Combined Sections Meeting, Feb 21-24, 2020; Denver, CO. (Platform)
24. **Gore S**, Blackwood J. Associations Between Cognitive Function, Balance, and Mobility in Community-Dwelling Older Adults With COPD. Abstract accepted for poster presentation at Gerontological Society of America (GSA) Annual Scientific Meeting, Nov 2020: (Poster)
25. **Gore S**. Predictors of Shortness of Breath During Stair Climb in Community-Dwelling Individuals With COPD. The Gerontological Society of America’s 71st Annual Scientific Meeting, November 13-17, 2019; Austin, Texas: (Poster)*
26. **Gore S**, Blackwood J, Goldberg A, Huang MH, Shoemaker M, Chindam T. Reliability and validity of subjective physical activity assessments in COPD: a systematic review: APTA’s Combined Sections Meeting, Feb 21-24, 2018; New Orleans, LA (Platform)
27. **Gore S**, Blackwood J, Goldberg A, Huang MH, Shoemaker M. Validity of the Global Physical Activity Questionnaire in older adults with COPD. American Thoracic Conference, May 21, 2018; San Diego, CA: (Poster)
28. **Gore S**, Blackwood J, Goldberg A, Huang MH, Shoemaker M. Validity of the Global Physical Activity Questionnaire in older adults with COPD. Center on Health Services Training & Research (CoHSTAR) workshop, April 4-5, 2018; Boston, MA: (Poster).
29. **Gore S**, Blackwood J, Goldberg A, Huang MH, Shoemaker M. Development and validation of a quality appraisal tool for validity studies (QAVALS): APTA’s Combined

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Sections Meeting, Feb 21-24, 2018; New Orleans: (Poster)

30. **Gore S.**, Blackwood J, Goldberg A, Huang MH, Shoemaker M. Development and validation of a quality appraisal tool for validity studies (QAVALS): MPTA Fall conference, 13 -14 Oct 2017; Frankenmuth, MI: (Poster)
31. **Gore S.**, Blackwood J, Goldberg A, Huang MH, Shoemaker M, Chindam T. Reliability and validity of subjective physical activity assessments in COPD: a systematic review: MPTA Fall conference, 13 -14 Oct 2017; Frankenmuth, MI: (Poster)
32. **Gore S.**, Blackwood J., Tiernan C. Associations between physical activity, muscle strength and gait speed in older adults: 2017 IAGG World Congress of Geriatrics and Gerontology, July 2017: (Poster)
33. **Gore S.**, Blackwood J., Guyette M., Alsalaheen B. Reliability and validity of accelerometers in older adults with COPD - A systematic review: 2016 Gerontological Society of America Annual Scientific Meeting, Nov 2016: (Poster)
34. **Gore S.**, Blackwood J., Guyette M., Alsalaheen B. Reliability and validity of accelerometers in older adults with COPD - A systematic review: MPTA Fall conference, 14 -15 Oct 2016, Holland, MI: (Poster)
35. **Gore S.**, Blackwood J. Effect of computerized cognitive training on mobility in older adults with cardiovascular disease: Combined Sections Meeting, APTA: 17 -20 Feb 2016, Anaheim, CA: (Poster)
36. **Gore S.**, Blackwood J., Hayman L. Factors related to exercise participation in older adults with cardiovascular disease in a rural setting– a qualitative study: Combined Sections Meeting, APTA: 17 -20 Feb 2016, Anaheim, CA: (Poster)
37. **Gore S.**, Blackwood J., Daly C. Impact of biofeedback on quality of life in an 80-year-old female with urinary incontinence - a case report: Combined Sections Meeting, APTA: 17 a. -20 Feb, 2016, Anaheim, CA: (Poster)
38. **Gore S.**, Blackwood J. Association of C Reactive Protein with Mobility Measures in Community Dwelling Older Adults: The MPTA Fall Conference, 10/16/2015; Thompsonville, MI (Platform)
39. **Gore S.**, Blackwood J. Effect of computerized cognitive training on mobility in older adults with cardiovascular disease: 2015 Gerontological Society of America Annual Scientific Meeting, 11/19/2015; Orlando, Florida: (Poster)
40. **Gore S.**, Blackwood J. Association of C Reactive Protein with Mobility Measures in Community Dwelling Older Adults: 2015 Gerontological Society of America Annual Scientific Meeting, 11/20/2015; Orlando, Florida: (Poster)
41. **Gore S.**, Blackwood J., Hayman L. Factors related to exercise participation in older adults with cardiovascular disease in a rural setting– a qualitative study: The MPTA Fall Conference, 10/16/2015; Thompsonville, MI: (Poster)
42. **Gore S.**, Blackwood J., Daly C. Impact of biofeedback on quality of life in an 80-year-old female with urinary incontinence: a case report: The MPTA Fall Conference, 10/16/2015; Thompsonville, MI: (Poster)
43. **Gore S.**, Blackwood J. Effect of computerized cognitive training on mobility in older adults with cardiovascular disease: The MPTA Fall Conference, 10/16/2015; Thompsonville, MI: (Poster)
44. **Gore S.**, Sivakumar T. Effect of varying abdominal pressures on pulmonary function in lower tetraplegic patients: The National symposium on physical rehabilitation (spinal cord injury rehabilitation), conducted by the Department of Physiotherapy, Manipal College of Allied Health Sciences, Manipal (MAHE), Karnataka, India. February 17 -19, 2006. (Platform)

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45. **Gore S.**, Maiya A., Shastri B.S. Comparison of manual hyperinflation using Mapleson- C and Laerdal Bag on lung compliance and hemodynamics in mechanically ventilated intubated adults: The National conference on cardiopulmonary physiotherapy conducted by Jamia Hamdard College of physiotherapy, Delhi, India on 28th and 29th December 2007. (Platform)
46. **Gore S.**, Sivakumar T. Effect of varying abdominal pressures on pulmonary function in lower tetraplegic patients: The 45TH annual conference of the Indian Association of Physiotherapists (IAP), Kolkata, India; 2007: (Poster)

Invited Presentations:

1. **Gore S.** (May 31, 2023). Invited presentation on 'Improving Patient Mobility and Rehab Service Delivery at Boston Medical Center'. MGH Institute of Health Professions University, PhD seminar.
2. **Gore S.** and Mattie K (March 2023). Invited presentation on 'Improving Patient Mobility and Rehab Service Delivery at Boston Medical Center'. Boston University, PhD seminar.
3. **Gore S** and Coyle P (September 2022). *Learning Health System Research Model*. Seminar presentation at The Center for Long-Term Care Quality & Innovation (Q&I) and The Interventional Studies in Aging Center (ISAC) at Hebrew SeniorLife (virtual)
4. **Gore S.** Assessment and management of patients with complex cardiovascular disease in the home setting. Guest Speaker, Partners Home Health, Braintree, May 15, 2019
5. **Gore S.** Exercise prescription in Diabetes. Guest speaker at Huron County Medical Care Facility, July 15, 2014
6. **Gore S.** Lead speaker and resource person at the 2-day workshop on Physical Therapy in the Intensive Care Unit conducted by M.G.M. college of Physiotherapy, Aurangabad, India; Feb 13 - 14, 2010
7. **Gore S.** Basics of biostatistics for clinicians at the Research methodology workshop conducted by Sancheti Institute - College of Physiotherapy, 12th and 13th March 2010
8. **Gore S.** Manual Hyperinflation and implications for PT. Speaker at the Continuing Physiotherapy Education (CPE) in the Intensive Care conducted by dept. of physiotherapy, Manipal University; January 2007

Educational Activities

Courses taught

Cardiopulmonary examination	2007-2010
Health Promotion and fitness	2007-2010
Research Methods	2007-2010
Cardiopulmonary Intervention	2007-2010
Cardio-pulmonary exam and interventions - II	2016
PT-601 Fund Pt/client management 1	2018-current
PT-604 Pt/Client management CVP 1	2017-current
PT-605 Pt/Client management CVP 2	2017-current
Capstone Research Experience	2017-current
Independent Study: Global health immersion experience	2019-current
Independent Study: research	2019

Clinical Supervision

Intensive care unit (burns, CCU, trauma), medical-surgical units

2007-2010

Shweta Gore, PhD, DPT, MPT, GCS, CLT*MGH Institute of Health Professions*36, 1st Ave

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Email: sgore@mghihp.edu; Contact: 989 525 6619**Mentoring****PhD Students**

- Revati Amin: Exercise in Interstitial Disease 2020-2024
- Hyun Jung Kim: Physical Activity in Cardiometabolic Disease 2023-current
- Amber LaMarca: Behavior Change Interventions for Individuals with Stroke 2024-current

Student Mentorship

- Bowen Zhang, Gabriella Sandoval, Kaitlyn Holcroft. 2024-current
- Effectiveness of Physical Activity Interventions on Health Outcomes in Underrepresented Individuals with Cardiovascular Disease: A systematic Review.
- Grace Lambright, Brad McMahon, Casey Schweber, Bronte Fontaine. Comparison of Telehealth and Onsite Maintenance Exercise in COPD: Pilot RCT 2023-2024
- Jessica Adams, Taylor Hunt, Caroline Merguerian. Comparison between Telehealth and traditional pulmonary rehabilitation in COPD: Protocol
- Michael Jung, Anna Lafreniere, Sharon Curtis. Effectiveness of Telehealth in COPD 2022-current
- Jessica Babcock, Helen Armenta, Michael Tang, Arianni Gonzalez. Predictors of frailty in Heart Failure 2021-current
- Victoria Beyer and Chloe Melton. Associations of Physical Activity with Health Indicators in Individuals with Heart Failure 2021-current
- Hargun Khanna. Effectiveness of outpatient cardiac rehabilitation on function, quality of life, and hospital readmissions in individuals with heart failure: a systematic review*
- Allie Triola and Brandon Ong. Exploratory Analysis of Physical Therapy Utilization and Practice Patterns for Individuals with COVID-19 2020
- Wallace Friggon. Identifying Factors Associated with Outpatient Physical Therapy Utilization for Older Adults with Osteoarthritis Using EHR 2019 -2020
- Revathi Ameen. Impact of Home-based Pulmonary Rehabilitation Program on Exercise Capacity and Health Related Quality of Life in Interstitial Lung Diseases. 2019-2023
- Eric Luo, Kayla Sholdz, Wesley Sutton. Association of Physical Activity with Health Indicators in Individuals with Heart Failure 2019-2020
- Brittani Morris, Christina Flores, Ana Wilk, Mackenzie Duyon, Alexis Lyon. Predictors of shortness of breath during stair climb in community-dwelling adults with COPD in National Health and Nutrition Examination Survey 2018-2019
- Michaela Mattern, Hannah Schoelten, Jessica Zeilter. Subjective Daily Physical Activity Measures in Heart Disease: A Systematic Review 2018-2019
- Tyler Ziccardi. Associations between cognitive function, balance, and mobility in community dwelling older adults with COPD 2018-2019

Faculty Mentorship

- Rebecca Pham, PT, DPT, CCS 2023-current
- Benjamin Adams, DPT, PhD 2021-current
- Assistant Professor, MGH Institute of Health Professions
- Rania Karim, DPT, GCS 2019-2020
- Assistant Professor, MGH Institute of Health Professions
- Monica Arrigo, DPT 2018-2019
- Instructor, MGH Institute of Health Professions

Professional Development

- NPTE item writing workshop by FSBPT; Wayne state University, Detroit, MI 2016
- NPTE item writing workshop by FSBPT; Alexandria, VA 2017

Conference Refereeing

- Combined Sections Meeting (CSM) Platforms judge 2023, 2024
- International Association of Gerontology and Geriatrics (IAGG) World Congress of gerontology & geriatrics 2016

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Combined Sections Meeting (CSM) symposia

2016

Gerontological Society of America (GSA) Annual Scientific Meeting

2015, 2016

Professional Memberships and Activities:

Co-Chair, Data & Analytic Tools for Health Equity Research in Aging (DATHRA) Task Force, American Congress of Rehab Medicine (ACRM)	Jan 2023-Jun 2024
Research Committee member,	
Academy of cardiovascular and pulmonary physical therapy	2020 - current
American Physical Therapy Association (APTA), member	2013 - current
- Education section, APTA	2015 -current
- Academy of Geriatric Physical Therapy, APTA	2014 - current
- Cardiovascular and Pulmonary section, APTA	2014 - current
- Research section, APTA	2015 - current
Michigan Physical Therapy Association (MPTA), member	2013 - current
Gerontological Society of America (GSA), member	2014 - current
Indian Association of Physiotherapy (IAP), member	2008 - current

Consultation:

Invited to be an external doctoral advisory committee for PhD dissertation at Manipal University, Manipal, India: 2020

Media:

Podcast by Learning Health Systems Rehabilitation Research Network (LeaRRn):

<https://www.podbean.com/ew/pb-qggzm-12b2eea>

University of Michigan-Flint interview:

https://secure- web.cisco.com/1oR94zBvz3RTubblnVqvFTSlpBOphi1qt5DMtRrg8HaLwcayGwF5gGRNJ-eNwBbayZIGyzDA5MN8LAukrGJuBP6ULO75uM1ol3z8ZiWhnW_X1qSzapg_jThxAgdlqy_UE8ORiA6WL3LDhnZ1MudCFZmH3LNOVCfiIOBHZPWzYDY75K1KBRONG89dhxajRePEWCdRkb_uN9m3ZSHHhv78A2TzM-BkxQHVyxDg7ly4Kk0sYDEraXgLSu4BOXZTcigs7GF43pg-rNmSshmydKdlfI4kWy5X_vCRH-agojb_MI_MVSR3A_JtKdYKMNjjhSlir/https%3A%2F%2Fnews.umflint.edu%2F2022%2F12%2F08%2Fum-flint-pt-alum-wins-national-innovation-award%2F

Institutional Service**Departmental and University Committees at the MGH Institute of Health Professions**

-Co-Chair, SHRS Curriculum Innovations Task Force	2024-current
-Member, Institute Strategic Planning Task Force	2023-current
-Member, Institutional Research Effectiveness committee	2023-current
-Member, Appointments and Promotions Committee	2022-current
-Chair, Curriculum committee	Sept 2022-current
-Member, Curriculum committee	2021-Aug 2022
-Member, Awards Committee	2017-2019
-Member, College Academic Policy, and Procedures committee (CAPP)	2018-current
-Member, Faculty Search Committee	2018, 2019
-Member, Scholarship and Research committee	2019-current
-Member, Pivot Committee	2020
-Member, Faculty Senate:	2019-2022
-Governance & Academic Policies subcommittee, Member at Large.	

Other Professional Assignments and Committees

-Co-leader of the APTA clinical practice guidelines committee	2018- current
-Member of the Specialization Academy of Content Experts (Geriatrics)	2018- current
-Regional item writer for the National Physical Therapy Exam (NPTE), FSBPT	Aug 2017
-Basic item writer for the National Physical Therapy Exam (NPTE), FSBPT	2016

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-Scientific committee member, National conference of the Indian Association of Physiotherapists (IAP) 2011

-Organizing Secretary, local and state Student Conference, 'Scientifica' 2009, 2010

Journal Reviews:

-Education Sciences	2022-current
-Journal of COPD	2020-current
-BMJ Open	2021-current
-Physical Therapy	2020-current
-Expert Review of Respiratory Medicine	2021-current
-Journal of Thoracic Disease	2020-current
-International Journal of COPD	2020-current
-Physiotherapy Quarterly	2020-current
-Rehabilitation Oncology	2019-current
-Patient Related Outcome Measures	2019-current
-Journal of Back & Musculoskeletal Rehabilitation	2020
-Archives of Physical Medicine & Rehabilitation	2019-current
-Bone and Musculoskeletal Rehabilitation	2013-current
-Hong Kong Journal of Physiotherapy	2011-current
-Respiratory Care	2010 -current