

# MICHAEL J. SHOEMAKER

## Curriculum Vitae

### PERSONAL

**Work Address:** 301 Michigan St NE, Suite 200, Grand Rapids, MI 49503  
**Office Phone:** (616) 331-3509  
**Home Address:** 439 Cheshire Dr. NE, Grand Rapids, MI 49505  
**Home/Cell Phone:** (616) 304-9553  
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### EDUCATION

**Doctor of Philosophy** 2008 to 2012  
Western Michigan University, Kalamazoo, Michigan  
Interdisciplinary Health Sciences

**Doctor of Physical Therapy** 1996 to 1999  
Slippery Rock University, Slippery Rock, Pennsylvania

**Bachelor of Science** 1992 to 1996  
Calvin College, Grand Rapids, Michigan  
Physical Education/Exercise Science Specialization

### CERTIFICATION/LICENSURE

Certification/License	Date
Advanced Cardiac Life Support, American Heart Association, exp 5/30/2021	2011/2019
Geriatric Clinical Specialist, American Board of Physical Therapy Specialties, exp 5/31/2022	2002/2012
Physical Therapist, Michigan License # 5501010214, exp. 7/31/2022	1999/2020

### EXPERIENCE

Employer	Position and Responsibilities	Dates
Grand Valley State University	<b>Associate Professor</b> - Teaching responsibilities include Cardiopulmonary PT, Advanced Clinical Decision-Making, Integumentary Practice/Wound Care, Professional Topics. Promotion to <b>Full Professor</b> becomes effective August 2021.	2014 to Present
Grand Valley State University	<b>Assistant Professor</b> - Teaching responsibilities include Cardiopulmonary PT, Geriatrics, Advanced Clinical Decision-Making, Integumentary Practice/Wound Care, Professional Topics.	2008 to 2014
Grand Valley State University	<b>Affiliate Faculty</b> - Teaching responsibilities included Cardiopulmonary PT, Geriatrics, Advanced Clinical Decision-Making, Integumentary Practice/Wound Care, Professional Topics.	2006 to 2008
Spectrum Health Butterworth	<b>Physical Therapist</b> - acute care practice primarily in the cardiovascular and pulmonary medicine and cardiothoracic surgery units including cardiothoracic critical care.	2012 to Present

Spectrum Health-Visiting Nurse	<b><i>Internal Rehabilitation Services Consultant</i></b> - Program development and clinical consultation for complex patients. Developed comprehensive interdisciplinary cardiopulmonary and orthopedic programs. Developed post-lung transplant protocol across the continuum of care.	2007 to 2018
Spectrum Health-Continuing Care	<b><i>Clinical Specialist</i></b> - Provide patient care, program development, and outcomes assessment in interdisciplinary comprehensive outpatient geriatric rehabilitation, outpatient balance center, and outpatient pulmonary rehabilitation programs.	2004 to 2006
Spectrum Health-Continuing Care	<b><i>Subacute Team Leader</i></b> - Dynamic clinical leadership role consisting of subacute inpatient case management, clinical coordination, oversight and management of interdisciplinary staff, and program development. Responsible for facilitating a customer service-oriented approach to clinical care. Was accountable for clinical and financial performance of the team, as well as compliance with MDCH and JCAHO standards.	2003 to 2004
Spectrum Health-Continuing Care	<b><i>Physical Therapist</i></b> , then <b><i>Clinical Specialist</i></b> (starting May 2002)- Subacute inpatient geriatrics as well as across the continuum to include Acute care, LTAC, and LTC.	1999 to 2010

## PROFESIONAL ASSOCIATION SERVICE AND LEADERSHIP

### President, APTA Michigan

2017 to 2020

Lead and coordinated legislative initiatives to include:

- Introduction of bills related to interstate licensure compact, mandatory reporting of child abuse, prior authorization reform, mandatory payment for telehealth
- Passage of Public Act 62 of 2018 permitting physical therapists to make disability determinations for parking placards
- Passage of Public Act 140 of 2019 defining dry needling and clarifying its use as not being restricted to acupuncturists, followed by development of white paper on dry needling for APTA Michigan members

Other key Chapter accomplishments:

- Established a paid payment specialist position; Led an insurance commissioner complaint regarding prior authorization abuses
- Increased membership to record high
- Developed and implemented a direct-to-consumer marketing campaign
- Expanded professional development-related revenue and opportunities, including development of an annual Pain Summit conference on chronic pain
- Transitioned association management firms
- Negotiated the COVID-19 pandemic

### Vice President, APTA Michigan

2013 to 2016

- Passage of Public Act 260 of 2014 permitting direct access to physical therapist services
- Led revision of the strategic plan

### Legislative Director, APTA Michigan

2006 to 2012

- Passage of Public Act 55 of 2009 establishing licensure of physical therapist assistants
- Influenced legislation on scope of practice bills for occupational, speech, and massage therapists, athletic trainers, and chiropractors

<b>Chapter Delegate</b> , APTA Michigan	2005, 2007-8, 2021
<b>Legislative Committee Chair</b> , APTA Michigan	2002 to 2006
<ul style="list-style-type: none"> <li>• Developed key contact program at the state level</li> <li>• Influenced legislation on EMG and professional incorporation laws</li> </ul>	
<b>APTA Clinical Education Consensus Consortium Invited Participant</b>	2005, 2007

## CONSULTING

Neinstein	Expert consultant on one malpractice case	2021
Michigan State Univ	Expert consultant for Office of Institutional Equity	2020
Tittle & Perlmutter	Expert consultant on one malpractice case	2020
Martin, Bacon, & Martin	Expert consultant on two malpractice cases including deposition	2011, 2016

## FUNDED RESEARCH GRANTS

### Extramural Funding

**Title:** Physical Therapy for Adults Following Acutely Decompensated Chronic Heart Failure: Development of a Clinical Practice Guideline.

**Investigators:** Collins S, Heick J, LeFebvre K, **Shoemaker M**, Cahalin L.

**Funding Agency:** American Physical Therapy Association Department of Clinical Practice

**Project Dates:** January 2015-December 2019

**Direct Costs:** \$10,000

**Role:** Investigator

**Title:** Exercise- and psychosocial-based interventions to improve daily activity in heart failure

**Investigators:** **Shoemaker M**, Kowalk A, Serba D, Hanson K, Cartwright K, Dickinson M.

**Funding Agency:** Medtronic Cardiac Rhythm Disease Management External Research Program

**Project Dates:** September 2014-June 2016

**Direct Costs:** \$40,000

**Role:** Investigator

**Title:** The effect of rhythmic auditory-cued overground walking vs. speed-dependent treadmill training on balance, gait, and fall risk in individuals with idiopathic Parkinson's Disease

**Investigators:** Harro C, **Shoemaker M**, Overmeyer J, Holda S.

**Funding Agency:** St. Mary's Doran Foundation

**Project Dates:** December 2011- October 2012

**Direct Costs:** \$2,000

**Role:** Co-investigator.

**Title:** Effect of cardiopulmonary rehabilitation on aerobic capacity, functional status, and health-related quality of life in individuals with pulmonary arterial hypertension.

**Investigators:** Wilt J, **Shoemaker M**, Dasgupta R, Contreras L.

**Funding Agency:** Spectrum Health Foundation

**Project Dates:** July 2007- July 2009

**Direct Costs:** \$22,750

**Role:** Study Coordinator. Conducted testing and intervention.

**Title:** Interpreting meaningful change in the six-minute walk test and accelerometer-based measures of daily activity in patients with heart failure.

**Investigators:** Shoemaker M, Curtis A.

**Funding Agency:** Blue Cross Blue Shield of Michigan Foundation

**Project Dates:** August 2010- August 2011

**Direct Costs:** \$3,000

**Role:** Investigator

**Title:** The effect of exercise in patients severely impaired due to multiple sclerosis: a multiple single subject design.

**Investigators:** Baker B, Shoemaker M.

**Funding Agency:** The Michigan Physical Therapy Association Institute for Healthcare and Research

**Project Dates:** January 2010- July 2011

**Direct Costs:** \$500.00

**Role:** Co-investigator

### **Intramural Funding**

**Title:** Effects of Nordic walking exercise on gait, motor/non-motor symptoms, and exercise biomarkers in individuals with Parkinson's disease

**Investigators:** Harro C, Khoo S, Shoemaker M, Hall J.

**Funding Agency:** Grand Valley State University Center for Scholarly and Creative Excellence

**Project Dates:** January 2020- Present

**Direct Costs:** \$9,920

**Role:** Co-Principal Investigator

**Title:** Keep-Refer Decision-making Ability of Physical Therapists

**Investigators:** Vaughn D, Shoemaker M.

**Funding Agency:** Grand Valley State University Center for Scholarly and Creative Excellence

**Project Dates:** December 2011- August 2011

**Direct Costs:** \$1,500

**Role:** Co-Principal Investigator

### **RESEARCH IN PROGRESS**

**Shoemaker MJ**, Van Dam A, McLeod J, Mohny E, Rustmann S, Dickinson MG. Dynamic Factor Analysis of seasonal variation in daily physical activity in individuals with heart failure. First revision under review. *Heart & Lung*.

Phillips T, **Shoemaker MJ**. Early access to physical therapy in an advanced medical home. Currently analyzing data.

Harro C, Khoo S, **Shoemaker M**, Hall J. Effects of Nordic walking exercise on gait, motor/non-motor symptoms, and exercise biomarkers in individuals with Parkinson's disease. Currently collecting data.

### **PUBLICATIONS**

#### **Peer-Reviewed Journal Articles**

##### *Cardiovascular and Pulmonary Rehabilitation*

Diaz KJ, **Shoemaker MJ**, Lefebvre KM, Heick J. A Knowledge Translation Framework for Optimizing Physical Therapy in Patients with Heart Failure. *Phys Ther*. 2021; Advance online publication. doi: 10.1093/ptj/pzab079

**Shoemaker MJ**, Mattern M, Scholten H, Zeitler J. Subjective Physical Activity Assessments in Heart Failure: A Systematic Review. *J Phys Act Health*. 2021; Advance online publication. doi.org/10.1123/jpah.2020-0661

Gore S, Blackwood J, Goldberg A, Huang M, **Shoemaker M**. Subjective Physical Activity Assessments in COPD: A Systematic Review. *COPD*. 2021; In Press.

**Shoemaker MJ**, Veldman S, Van Dam A, Wainscott T. Physiologic and Left Ventricular Assist Device Parameters: Implications for Physical Therapist Decision-Making. *Cardiopulm Phys Ther J*. 2021;32(2):41-51.

Gore S, Blackwood J, Goldberg A, Huang M, **Shoemaker M**. Validity of the Global Physical Activity Questionnaire in Older Adults with Chronic Obstructive Pulmonary Disease (COPD): Results from the National Health and Nutrition Examination Survey. *Cardiopulm Phys Ther J*. 2020;31(4):159–166.

**Shoemaker MJ**, Diaz KJ, Lefebvre KM, Heick J, Collins SM. Physical Therapist Clinical Practice Guideline for the Management of Individuals with Heart Failure. *Phys Ther*. 2020;100:14–43.

**Shoemaker MJ**, Fischer C, Ferrick A, Schuurman C, Van Dam A, McLeod J, Mohny E, Dickinson MG. Quantification of seasonal variation in daily physical activity in individuals with heart failure and ICD/CRT devices. *Heart Int*. 2019;13(2):31–37.

Gore S, Blackwood J, Goldberg A, Huang M, **Shoemaker M**. Development of a quality appraisal tool for validity studies (QAVALS). *Physiother Theory Pract*. 2019;6:1-9.

**Shoemaker MJ**, Gutowski A, Malgren M, Oliver L, Van Dam A, McLeod J, Mohny E. Physical therapist determination of discharge disposition in the acute care setting. *J Acute Care Phys Ther*. 2019;10(3):93-106.

**Shoemaker MJ**. Commentary on Clinical markers of exercise intensity as a surrogate for blood lactate levels only during low intensity exercise in patients with coronary artery disease. *Cardiopulm Phys Ther J*. 2018;29(4):152-153.

**Shoemaker MJ**, Hart J, Tresh T, Wood T. Objective improvement in daily physical activity in heart failure remains elusive: A systematic review. *Cardiopulm Phys Ther J*. 2018;29:63-80.

**Shoemaker MJ**, Oberholtzer NL, Jongekrijg LE, Bowen TE, Cartwright, KA, Hanson K, Serba D, Dickinson MG, Kowalk A. Exercise- and Psychosocial-based Interventions to Improve Daily Activity in Heart Failure. *Home Health Care Manag Pract*. 2017;29(2) 111–120.

**Shoemaker MJ**, Cartwright KA, Hanson K, Serba D, Dickinson MG, Kowalk A. Concurrent Validity of Daily Activity Data from Medtronic® ICD/CRT Devices and the Actigraph GT3X Triaxial Accelerometer: A Pilot Study. *Cardiopulm Phys Ther J*. 2017;28;3-11.

**Shoemaker MJ**, Roper SE, Calkins TN. Seasonal variation of daily physical activity in individuals with heart failure and ICD/CRT devices. *Heart Int*. 2016;11(1): e25 - e31.

McLeod JL, Van Dam AA, Heiss AK, **Shoemaker MJ**. Rehabilitation considerations for the older adult with heart failure: A review of the literature. *Curr Geriatr Rep*. 2014;3;155-165.

**Shoemaker MJ**, Gaskell A, Vandebunte K, Sefton D, McLeod J, Karia DH, Dickinson MG, Khaghani A. Early ambulation predicts length of stay and discharge location following left ventricular assist device implantation. *Cardiopulm Phys Ther J*. 2014;25(3):75-85.

**Shoemaker MJ**, Curtis A, Paul R, Dickinson MG, Polso A, Sinha K. Longitudinal daily activity patterns in individuals with chronic heart failure: derivation and association with prognosis and clinical characteristics. *Cardiopulm Phys Ther J*. 2013;24(4):25-33.

**Shoemaker MJ**, Curtis A, Vansgnes E, Dickinson M. Clinically meaningful change estimates for the six-minute walk test and daily activity in individuals with chronic heart failure. *Cardiopulm Phys Ther J*. 2013;24(3), 21-30.

**Shoemaker MJ**, Keenoy B, Smith B, Slotman P. Interventions to improve daily activity in individuals with COPD and CHF: A systematic review. *World J Cardiovasc Dis*. 2013;3:275-286.

**Shoemaker MJ**, Curtis A, Vansgnes E, Dickinson M. Triangulating clinically meaningful change in the six-minute walk test in individuals with chronic heart failure: a systematic review. *Cardiopulm Phys Ther J*. 2012;23(3), 5-15.

**Shoemaker MJ**, Curtis A, Vansgnes E, Dickinson M, Paul R. Analysis of daily activity from implanted cardiac defibrillators: the minimum clinically important difference and relationship to mortality/life expectancy. *World J Cardiovasc Dis*. 2012;2(3):129-135.

**Shoemaker MJ**, Wilt J, Dasgupta R, & Oudiz R. Exercise training in patients with pulmonary arterial hypertension: a case report. *Cardiopulm Phys Ther J*. 2009;20(4), 12-18.

**Shoemaker MJ**, Donker S, LaPoe A. Inspiratory Muscle Training in Patients with Chronic Obstructive Pulmonary Disease: The State of the Evidence. *Cardiopulm Phys Ther J*. 2009;20(3), 5-15.

**Shoemaker MJ**, Arndt L, Hurt H. Efficacy of exercise as an intervention in individuals with cystic fibrosis: A systematic review. *Cardiopulm Phys Ther J*. 2008;19(3), 75-83.

Dasgupta R, **Shoemaker MJ**, Wilt J, Meriwether K, Shoemaker A, Summerfelt T. Does walking improve outcomes in patients undergoing pulmonary rehabilitation? *Southwest Michigan Med J*. 2007;4(2), 28-32.

#### Simulation and Health Professional Education

**Shoemaker MJ**, Vaughn DW, Bilger B, Hooker D, Lamb CJ, Ginsberg W. Clinical decision making abilities of physical therapists to determine the need for medical referral. *Phys Ther J Pol, Admin, Lead*. 2018;18(2):15-27.

Bambini D, Emery M, de Voest M, Meny L, **Shoemaker MJ**. Replicable Interprofessional Outcomes from High Volume, Inter-Institutional, Interprofessional Simulation: Outcomes of Two Student Cohorts. *Pharm*. 2016;4(4), 34.

**Shoemaker MJ**, DeVoest M, Booth A, Meny L. A virtual patient interprofessional activity to improve interprofessional competencies: A randomized trial. *J Interprof Care*. 2015;29;4:395-397.

**Shoemaker MJ**, Booth A, Moore C, Cleghorn S. Virtual patient care: an interprofessional education approach for physician assistant, physical therapy, and occupational therapy students. *J Interprof Care*. 2014;4:1-3.

Vaughn D, **Shoemaker MJ**, DaPrato D, Svhiria K, VanHuisen J. The Ability of Final-Year Doctor of Physical Therapy Students to Make Keep-Refer Decisions. *J Phys Ther Educ*. 2011;35(3):60-67.

**Shoemaker M**, Beasley J, Cooper M, Perkins R, Smith J, Swank C. A method for providing high-volume interprofessional simulation encounters in physical and occupational therapy education programs. *J Allied Health*. 2011;40(1):e15-21.

**Shoemaker MJ**, Riemersma L, Perkins R. Use of High-Fidelity Human Patient Simulation in Physical Therapist Educational Curricula. *Cardiopulm Phys Ther J*. 2009;20(1), 13-18.

### Geriatric Rehabilitation

Yorke AM, Curtis AB, **Shoemaker MJ**, Vansgnes E. The Impact of Multimorbidity on Grip Strength in Adults Age 50 and Older: Data from the Health and Retirement Survey (HRS). *Arch Gerontol Geriatr*. 2017;72;164–168.

Yorke AM, Curtis AB, **Shoemaker MJ**, Vansgnes E. Grip strength values stratified by age, gender, and chronic disease status in older adults aged 50 years and older. *J Geriatr Phys Ther*. 2015;38(3)115-121.

**Shoemaker MJ**, Gibson C, Hoffman S. Preoperative rehabilitation in individuals undergoing total knee arthroplasty: the state of the evidence. *Top Geriatr Rehabil*. 2013;29(1):2-16.

**Shoemaker MJ**, Mullins-MacRitchie M, Bennett J, Vryhof K, Boettcher I. Predicting response to rehabilitation in elderly patients with stroke using the Orpington Prognostic Scale and selected clinical variables. *J Geriatr Phys Ther*. 2006;29(2), 69-73.

**Shoemaker MJ**, Mullins-MacRitchie M, Bennett J, Willson G, Boettcher I. Use of the Minimum Data Set 2.0 ADL Subscale as an outcome measure for patients undergoing subacute rehabilitation following hip fracture. *J Geriatr Phys Ther*. 2002;25(3), 26.

### Health Policy

Phillips T, **Shoemaker MJ**. Early Access to Physical Therapy and Specialty Care Management for American Workers with Musculoskeletal Injuries. *J Occup Environ Med*. 2017;59(4):402-411.

Green M, **Shoemaker MJ**, Basore T, Polso A. Physical therapist professional autonomy, medical malpractice, and adverse professional license action: results from a twenty-year review of the National Practitioner Data Bank. *Phys Ther J Pol, Admin, Lead*. 2013;13(3),J1-J10.

**Shoemaker MJ**. Direct Consumer Access to Physical Therapy in Michigan: Challenges to Policy Adoption. *Phy Ther*. 2012;92(2):236-250.

### Other Rehabilitation Topics

Harro CC, **Shoemaker MJ**, Frey O, Gamble A, Harring K, McDonald J, Murray C, VanDyke J, VanHaitisma R, Karl K, Tomassi E. Effects of Two Externally-Cued Locomotor Training Protocols on Gait Function and Fall Risk in Individuals with Idiopathic Parkinson's Disease: A Randomized Controlled Trial. *J Neurorehabil*. 2014;34; 557-572.

Harro CC, **Shoemaker MJ**, Frey O, Gamble A, Harring K, McDonald J, Murray C, VanDyke J, VanHaitisma R, Karl K, Tomassi E. Effects of Two Externally-Cued Locomotor Training Protocols on Balance Function and Fall Incidence in Individuals with Idiopathic Parkinson's Disease: A Randomized Controlled Trial. *J Neurorehabil*. 2014;34, 541-556.

Koolae RM, Schumacher HR, **Shoemaker MJ**, Mooar S, Pullman-Mooar S. A search for factors that predict the efficacy of viscosupplementation in knee osteoarthritis. *OALib J.* 2014;1(e700).

### Book Chapters

French D, Booth A, **Shoemaker MJ**, Devoest M, Beasley J, Bulson J. Interprofessional Disaster Simulation. In S.H. Campbell & K. Daley (eds) *Simulation Scenarios for Nursing Educators: Making it REAL* (3rd Ed). (pp.615-653). New York, N.Y.: Springer Publishing Company, Inc.; 2018

French D, Booth A, **Shoemaker MJ**, Beasley J, Terry G, Devoest M, Scanlon, S, Van Lente, P. Post Concussive Syndrome. In S.H. Campbell & K. Daley (eds) *Simulation Scenarios for Nursing Educators: Making it REAL* (3rd Ed). (pp.553-561). New York, N.Y.: Springer Publishing Company, Inc.;2018.

Harro CC, **Shoemaker MJ**. Neurologic Intensive Care Unit Simulation: Case Multi-trauma Traumatic Brain Injury. In: A Compendium for Teaching Professional Level Physical Therapy Neurologic Content, v. 2016 Eds: Cormack J, Perry S;2016. Available at: <http://www.neuropt.org/education/compendium/comp-docu>

Bennett J & **Shoemaker M**. Rehabilitation considerations for the geriatric patient. In: Voight, M., Hoogenboom, B., Prentice, W., eds. *Musculoskeletal Interventions: Techniques for Therapeutic Exercise*. 3rd Ed. New York, NY, McGraw-Hill;2014.

Bennett J & **Shoemaker M**. Rehabilitation considerations for the geriatric patient. In: Voight, M., Hoogenboom, B., Prentice, W., eds. *Musculoskeletal Interventions: Techniques for Therapeutic Exercise*. 2<sup>nd</sup> Ed. New York, NY, McGraw-Hill;2007.

### Published Proceedings and Abstracts

Dasgupta R, **Shoemaker MJ**, & Wilt J. Effect of cardiopulmonary rehabilitation on aerobic capacity, functional status, and health-related quality of life in individuals with pulmonary arterial hypertension: A case series. Poster Presentation. American College of Physicians Associate Abstract Competition, April 2009. One of 400 chosen from 2,300 submissions;2009. Available at <http://www.ACPOnline.org/abstracts>

**Shoemaker MJ**, Dasgupta R, Host K, Schneider K, Schroeder T. Are vestibular rehabilitation interventions different for individuals with benign paroxysmal positional vertigo based on ICF Classification? Abstract presented at: PT 2008: The Annual Conference and Exposition of the American Physical Therapy Association; June 11-14, 2008; San Antonio, Texas;2008. Available at: <http://www.apta.org/am/abstracts/pt2008/abstractintro.cfm>.

### Peer-Reviewed Presentations at Professional Conferences

Kostsuka SR, Gluch CJ, Wilson CM, **Shoemaker MJ**. Beyond the Guidelines: Physical therapist management of patients with advanced heart failure and end-stage lung disease. Presented at the American Physical Therapy Association Combined Sections Meeting, Virtual Online Session, February 2021.

Pagnucco ML, Bambini DR, Salvati L, Booth AD, de Voest M, **Shoemaker MJ**, CAB VII Conference Indianapolis, Collaborating Across Borders, Indianapolis, IN, "Utilizing Technology to Develop a Sustainable Model for Collaboration Across Universities to Facilitate Interprofessional Education", Academic, peer-reviewed/refereed, published in proceedings, Accepted. (September 22, 2019).



Gore S, Blackwood J, Goldberg A, Huang M, **Shoemaker M**. Development of a quality appraisal tool for validity studies (QAVALS). Presented at the American Physical Therapy Association Combined Sections Meeting, New Orleans, LA, February 2018.

Gore S, Blackwood J, Goldberg A, Huang M, **Shoemaker M**. Subjective Physical Activity Assessments in COPD: A Systematic Review. Presented at the American Physical Therapy Association Combined Sections Meeting, New Orleans, LA, February 2018.

Collins SM, Heick J, Diaz KJ, Lefebvre KM, **Shoemaker MJ**. Physical Therapy Clinical Practice Guideline for the Management of Individuals with Heart Failure. Presented at the American Physical Therapy Association Combined Sections Meeting, New Orleans, LA, February 2018.

**Shoemaker MJ**, Vaughn DW, Bilger B, Hooker D, Lamb CJ, Ginsberg W. Clinical decision making abilities of physical therapists to determine the need for medical referral. Presented at the American Physical Therapy Association Combined Sections Meeting, San Antonio, TX, February 2017.

Scanlon S, French D, **Shoemaker MJ**, et al. Post-Concussion Inter-Professional Education Simulation. Presented at the 17th International Meeting on Simulation in Healthcare, Orlando, FL, January 2017.

**Shoemaker MJ**, Cartwright KA, Hanson K, Serba D, Dickinson MG. Concurrent Validity of Daily Activity Data from Medtronic® ICD/CRT Devices and the Actigraph GT3X Triaxial Accelerometer: A Pilot Study. Presented at the American Physical Therapy Association Combined Sections Meeting, Anaheim, CA, February 2016.

**Shoemaker MJ**, Gaskell A, Vandebunte K, Sefton D, McLeod J, Karia DH, Dickinson MG, Khaghani A. Single Center Comparison of Initial Acute Care Outcomes in Bridge-to-Transplant Patients: The HeartMate II vs HeartWare. Presented at the American Physical Therapy Association Combined Sections Meeting, Indianapolis, IN, February 2015.

**Shoemaker MJ**, DeVost M, Booth A, Meny L. A virtual patient interprofessional activity to improve interprofessional competencies: A randomized trial. Presented at the American Physical Therapy Association Combined Sections Meeting, Indianapolis, IN, February 2015.

**Shoemaker MJ**, Green M, Serba D. Physical Therapist Assistant Delegation and Supervision: Five Things You Need to Know. Session Presentation at the Michigan Physical Therapy Association Fall Conference, October 2014.

Talley S, Jakubiak-Kovacek J, **Shoemaker MJ**, Sytsema M, Miller C, Campbell A. Direct Access to Physical Therapy in Michigan: Opportunities and Potential Pitfalls. Session Presentation at the Michigan Physical Therapy Association Fall Conference, October 2014.

Schwenk K, Carter K, Ullery L, Peck J, Kenyon LK, **Shoemaker M**. Activity and participation levels in 6-12 year-old children with cerebral palsy: A pilot study, Year Two. Platform Presentation, Michigan Physical Therapy Association Fall Conference, October 2014.

**Shoemaker MJ**, Gaskell A, Vandebunte K, Sefton D, McLeod J, Karia DH, Dickinson MG, Khaghani A, Gallagher C. Early ambulation as a predictor of length of stay and discharge location following LVAD implantation. Presented at the International Society for Heart and Lung Transplantation. April 2014.

**Shoemaker MJ**, Bartman C, Perkins R, French D. Simulated Tracheostomy Tube to Permit Endotracheal Suctioning with Standardized Patients. Platform Presentation. 14th International Meeting on Simulation in Healthcare, January 2014.

Peck J, Kenyon L, Fontaine K, Kordic L, Fischer S, **Shoemaker MJ**. Activity and participation levels in 6-12 year-old children with cerebral palsy: A pilot study. Platform Presentation, Michigan Physical Therapy Association Fall Conference, October 2013.

Buddhdev BM, Naglak MC, **Shoemaker MJ**, Buddhdev KB, Dasgupta R. Pulmonary Hypertension and Cardiovascular Complications in Patients with Ventilator Associated Pneumonia. Poster Presentation, American College of Chest Physicians Annual Meeting (CHEST), October 2013.

Meny L, de Voest M, Booth A, **Shoemaker MJ**, Cleghorn S. An interprofessional simulation to assess students' knowledge and perceptions of a pharmacist role at discharge. Poster Presentation, American Association of Colleges of Pharmacy Annual Meeting, July 2013.

Koolae R, Schumacher H, **Shoemaker MJ**, Mooar SK, Pullman-Mooar S. Factors predicting the efficacy of viscosupplementation in knee osteoarthritis. Platform Presentation, World Congress on Osteoarthritis, April 2013.

Green M, **Shoemaker MJ**, Basore T, Polso A. Physical therapist professional autonomy, medical malpractice, and adverse professional license action: results from a twenty-year review of the National Practitioner Data Bank. Platform Presentation, American Physical Therapy Association Combined Sections Meeting, January. 2013.

Harro CC, **Shoemaker MJ**, Frey O, Gamble A, Harring K, McDonald J, Murray C, VanDyke J. Effects of Two Externally-Cued Locomotor Training Protocols on Gait and Balance Function in Individuals with Idiopathic Parkinson's Disease: A Randomized Controlled Trial. Platform Presentation, American Physical Therapy Association Combined Sections Meeting, January. 2013.

Degele R, Baker B, **Shoemaker MJ**. The Effects of Exercise in a Patient Severely Impaired due to Multiple Sclerosis: A Single Subject Design. Platform Presentation, Michigan Physical Therapy Association Fall Conference, October 2010.

**Shoemaker M**, Dasgupta R, Dittman B, Hill A, Stenberk K. The ICF in unilateral vestibular hypofunction: relationship to treatment selection and response to rehabilitation. Platform Presentation, Grand Rapids Medical Education and Research Center Community Health Research Day, April 2007.

**Shoemaker M**, Dasgupta R, Zeeb A, Bonter T, Rusiecki L. Are vestibular rehabilitation interventions and outcomes different for individuals with migrainous vertigo based on International Classification of Functioning (ICF) classification? Platform Presentation, Grand Rapids Medical Education and Research Center Community Health Research Day, April 2007.

Dasgupta R, **Shoemaker M**, Wilt J, Meriwether K, Shoemaker A, Summerfelt T. Response to pulmonary rehabilitation: obstructive versus interstitial lung disease. Platform Presentation, Grand Rapids Medical Education and Research Center Community Health Research Day, April 2006.

Hughes C, **Shoemaker M**, Simon J, Wrenn K, Potter C. The effect of limb speed and shoulder position on shoulder external rotator strength. Platform Presentation, American Physical Therapy Association Scientific Meeting and Exposition, June 1999.

**Non-Refereed Journal Articles**

Poppaw K, **Shoemaker M.** Health reform and the geriatric syndromes: a call for interprofessional practice. *Gerinotes*. 2014;21(1):5-7

**Shoemaker M.** Health reform, physical therapy, and prevention. *Gerinotes*. 2011;18(6):23-25.

**Shoemaker M.** Thoughts on APTA HOD RC 01-08: What are the issues in relation to the geriatric practitioner? *Gerinotes*. 2008;15(5):15-16.

**Editorial Board Appointments**

Associate Editor, *Cardiopulmonary Physical Therapy Journal*, 2016-Present

**TEACHING****Courses Taught****Dates**Grand Valley State University:

PT 631 and 647: Cardiopulmonary PT I, II	2005 to Present
PT 689: Advanced Topics: Cardiopulmonary Physical Therapy	2017 to Present
PT 515: Professional Topics I	2006 to Present
PT 632: Integumentary Practice	2007 to Present
PT 681: Advanced Clinical Decision-Making	2007 to Present
PT 652: Geriatric Practice Management	2008
PT 521: Musculoskeletal Examination	2007
PT 511: Physical Therapy Foundations	2006
PT 634: Clinical Seminar II	2005, 2006

Central Michigan University:

PTH 870: Rehabilitation Care Management	2006, 2007
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**Workshops/Inservice Courses/Presentations**

“Physical therapist assistant delegation and supervision: Five things you need to know” presented at Michigan Physical Therapy Association Fall Conference, Kalamazoo, October 2014.

“Decision-making for vital sign monitoring” presented to rehabilitation staff of Bronson Health Care, Bronson Hospital, September 2014.

“Exercise and Successful Aging: Maintaining Function and Quality of Life” presented at the Art and Science of Aging Conference, Grand Valley State University, February 2014.

“Rehabilitation Management of Patients with Cardiopulmonary Diseases: Core Knowledge and Skills” presented to clinicians from Mary Free Bed Professional Services as a 7 hour continuing education course, April 2010 and to Spectrum Health May 2012.

“Exercise Considerations for Individuals with Heart and Lung Disease: Keys for Successful Aging” presented to Priority Health Medicare Advantage Enrollees, September 2008.

“Exercise and Pulmonary Hypertension” presented at California Pulmonary Hypertension Forum, June 2007.

**Rehabilitation in Long Term Care Conference:**

“Clinical decision-making for the medically complex patient” October 2006

“Cardiopulmonary strategies for older adults” October 2005

“Management of the geriatric stroke patient throughout the continuum” October 2004

**Student Advising**

<b>Discipline</b>	<b>Number of Students</b>	<b>Advisory Role</b>	<b>Dates</b>
Physical Therapy	60	DPT Class of 2021	2019 to Present
Physical Therapy	60	DPT Class of 2018	2016 to 2018
Physical Therapy	56	DPT Class of 2016	2013 to 2016
Physical Therapy	46	DPT Class of 2013	2010 to 2013
Physical Therapy	41	DPT Class of 2009	2007 to 2009
Physical Therapy	9-12 (per year)	Student Advisor	2008 to Present

**SERVICE****University**

	<b>Dates</b>
Midwest Interprofessional Education and Research Collaborative Simulation Workgroup	2009 to Present
GVSU Center for Scholarly and Creative Excellence Advisory Committee	2008 to Present
GVSU CHP Research and Development Committee	2013 to Present
PT Department Research Committee	2007 to Present
Participate in various college and university open houses	2006 to Present
Participate in unit/college meetings/activities	2006 to Present
GVSU Simulation Center Advisory Committee	2007 to Present
Chair CHP Student Evaluation of Teaching Committee	2007 to 2015
Participate in admissions process	2006 to 2015
Participate in CHS Cerner Implementation Committee	2008 to 2010

**Profession**

APTA Michigan President	2017 to 2020
Michigan Physical Therapy Association Vice President	2013 to 2016
Michigan Physical Therapy Association Legislative Director	2006 to 2012
American Physical Therapy Association Michigan Chapter Delegate	2005, 2007, 2008, Present
Michigan Physical Therapy Association Legislative Committee Chair	2002 to 2006
APTA Clinical Education Consensus Consortium Invited Participant	2004, 2007

**Community**

United States Air Force Auxiliary, Civil Air Patrol	2005 to Present
<ul style="list-style-type: none"> <li>Volunteer instrument-rated commercial pilot, instructor pilot, and mission pilot for search and rescue, disaster relief, and homeland security missions</li> <li>Law Enforcement Liaison</li> <li>Squadron Commander, GLR-MI-190</li> </ul>	
Volunteer Physical Therapist for Older Couple with Cerebral Palsy	2003 to Present
Volunteer Physical Therapist for an adult with Brainstem Stroke	2013 to 2017
Volunteer Physical Therapist for a young adult with Traumatic Brain Injury	2012 to 2019
Volunteer Physical Therapist for Adult with Multiple Sclerosis	2011 to 2020
Volunteer Physical Therapist, Clinica Santa Maria	2007
Volunteer Physical Therapist, Health Intervention Services	2002 to 2002

**PROFESSIONAL ORGANIZATIONS**

American Physical Therapy Association	1996 to Present
American Geriatrics Society	2002 to 2011

**HONORS AND AWARDS**

Midwest Interprofessional Practice and Education Collaborative Faculty Award (2019)  
American Physical Therapy Association Cardiovascular and Pulmonary Section Mentor Award (2018)  
Honored Guest Speaker, Central Michigan University Professional Transition Ceremony (2018)  
Western Michigan University Interdisciplinary Health Sciences Outstanding Alumni Award (2015)  
Best Platform Presentation, American Physical Therapy Association Health Policy/Administration Section (2013)  
Michigan Physical Therapy Association President's Award (2011)  
Western Michigan University All University Graduate Research and Creative Scholar (2011)  
American Physical Therapy Association State Legislative Leadership Award (2010)  
Graduate and Professional Student Award for Outstanding Faculty Mentor, GVSU (2009)  
Outstanding Clinical Instructor awarded by the Michigan Physical Therapy Association (2002)  
Slippery Rock University Doctor of Physical Therapy Program Outstanding Student Award (1999)  
Slippery Rock University Doctor of Physical Therapy Program Scholarly Excellence Award (1999)  
NCAA Division III All-America Honorable Mention, 100 yard butterfly, (1996)  
GTE Academic All-America District Team (1996)