

CURRICULUM VITAE

Heather J. Wilde Braden, PT, MPT, PhD, GCS
ASU Station # 10923
San Angelo, TX 76909
(325) 942-2581
Department of Physical Therapy, Angelo State University

Education: Texas A&M University
College Station, TX
2002 - 2004
Motor Neuroscience, Motor Learning Emphasis
PhD, 2004

Texas Tech University Health Science Center
Lubbock, TX
1997 - 2000
Physical Therapy
MPT, 2000

Angelo State University
San Angelo, TX
1994 - 1997
Kinesiology
BS, 1997

**Licensure Information/
Registration Number:** Texas Physical Therapist License 1135101, 2000 - present

Certifications: Board Certified Geriatric Clinical Specialist (GCS), 2010 – present
Renewal GCS certification earned, 2020-2030
American Online Academy Certification, Academic Technologies, 2015
Texas Amateur Athletic Federation Certification, 2010 - present
Advanced Cardiac Life Support Certification, 1999
Basic Cardiac Life Support/Cardiopulmonary Resuscitation and
First Aid for Adults and Children, 1994 - present

Employment and Positions Held:

Professor
CAPTE Self-Study Administrative Team
Angelo State University, Department of Physical Therapy, 2017-present

Associate Professor
Graduate Faculty
Tenured
Functional Mobility and Assessment Research Laboratory
Interprofessional Initiative Laboratory
Angelo State University, Physical Therapy Program, San Angelo, TX, 2013 - 2017

Invited Lecturer – Geriatric Certified Specialist

Instructor for PT 6209 Geriatrics, DPT course, online, summer

Moodle and Blackboard platforms both constructed and utilized for teaching

University of Texas at El Paso, Dept. of Rehab Sciences, Physical Therapy Program, 2014-2018

Assistant Professor

Graduate Faculty

Angelo State University, Physical Therapy Program, San Angelo, TX, 2010 - 2013

Physical Therapist

Geriatric Clinical Specialist and Consultant in Concho Valley, San Angelo, TX, 2010 - present

Senior Director of Rehabilitation

Harden Healthcare, San Angelo, TX, 2007 - 2010

Assistant Professor

Graduate Faculty

Tenure Track

Research Team Member, School of Medicine GU Multidisciplinary Research Team

Research Collaborator/Clinician, UT Therapeutics Comprehensive Outpatient Rehab Facility

University of Texas Health Science Center, School of Allied Health Sciences, Physical Therapy

Department, San Antonio, TX, 2004 - 2007

Physical Therapist & Clinical Instructor

Cancer Therapy Research Center, San Antonio, TX, 2006 - 2007

Warm Springs Outpatient Rehabilitation Center, San Antonio, TX, 2004 - 2007

Choice Home Care, Bryan, TX, 2003 - 2004

St. Joseph's Regional Rehabilitation Center and St. Joseph's Home Health, Bryan, TX, 2002 - 2004

Instructor

Undergraduate Faculty, Texas A&M University, Kinesiology, College Station, TX, 2002 – 2004

Graduate Researcher

Texas A&M University, Human Performance Laboratories, College Station, TX, 2002 - 2004

Clinician

Clinic Manager, West Texas Rehabilitation Center, Ozona, TX, 2000 - 2002

Physical Therapist, San Angelo Community Medical Center, San Angelo, TX, 2000

Peer Reviewed Publications:

Lee, H., Ko, M., Park, S., **Braden, H.** (2019). Concurrent validity of the Groningen Meander Walking and Timed Up and Go tests in older adults with dementia. *Physiotherapy Theory and Practice*, Med-Line/Pub/Med, <https://doi.org/10.1080/09593985.2019.1579285>.

Costa, D., Moore, R., Stanzel, R., **Braden, H.**, Ko, M. (2018). Greenhouses and nursing homes: Changes in resident function over the course of one year- A pilot study. *Gerontology and Geriatric Studies*, 2(5):1-7, DOI: GGS.000550.2018.

Lee, H., Ko, M., Park, S., **Braden, H.** (submitted 2018). The effects of cognitive impairment on functional mobility in older adults with dementia. *Archives of Physical Medicine and Rehab.*

- Larsen, S., Luedeker, R., Morgan, C., Taylor, C., **Braden, H.**, Ko, M., Moyer, H. (2017). Impairment and activity limitation changes in assisted living facility residents over the course of one year- A pilot study. *Geriatric Medicine and Care*, 1(2):1-6, DOI: 10.15761/GMC.1000107.
- Moyer, H., Gale, J., Severe, S., **Braden, H.**, Hasson, S. (2017). Outcome measures correlated to falls in nursing home residents - A pilot study. *Physiotherapy Theory and Practice*, 33:9, 725-732, DOI: 10.1080/09593985.2017.1345027.
- Braden, H.**, Ko, M. (2016). Meaningful gait speed improvement after physical therapy intervention for slow versus moderate-normal walkers. *Jac J of Physiotherapy and Exercise*, 2(2): 1-6.
- Michael, R., Petrie, M. **Braden, H.** (submitted). Learning outcomes and student perceptions of instructional media in online graduate nursing and face-to-face graduate physical therapy curriculum. *J of Physical Therapy Education*.
- Braden, H.**, Bohmfalk, M., Ko, M. (submitted). Is slower gait speed a valid measure to discriminate between fallers and non-fallers in older adults? *Journal of the American Geriatrics Society*.
- Ko, M., Hilgenberg, S., Hasson, S., **Braden, H.** (2014). Effect of bilateral step-up and down training on motor function in a person with hemiparesis. *Physiotherapy Theory and Practice*, 30: 597-602.
- Braden, H.**, Ko, M., Bohmfalk, M., Hortick, K., Hasson, S. (2013). Gait speed improves during physical therapy in general acute care, skilled nursing, and inpatient rehabilitation- a pilot study. *Journal of Acute Care Physical Therapy*, 4(1):20-25.
- Braden, H.**, Hilgenberg, S., Bohannon, R., Ko, M., Hasson, S. (2012). Gait speed is limited but improves over the course of acute-care physical therapy. *Journal of Geriatric Physical Therapy*, 35(3):140-144.
- Braden, H.** (2012). Self-selected gait speed: A critical clinical outcome. *Lower Extremity Review*, 4(11):43-48.
- Braden, H.**, Bohannon, R., Hasson, S. (2012). New in the literature: Gait speed and acute care physical therapy. *PT in Motion News Now*.
- Braden, H.**, Panzer, S, and Shea, CH. (2008). The effects of sequence difficulty and practice on proportional and non-proportional transfer. *Quarterly Journal of Experimental Psychology*, 61: 1321-1339.
- Shea, CH, Park, JH, and **Wilde Braden, H.** (2006). Age related effects in sequential motor learning. *Physical Therapy*, 86:478-488.
- Wilde Braden, H.**, & Shea, C.H. Proportional and non-proportional transfer of movement sequences. (2006). *Quarterly Journal of Experimental Psychology*, 59:1626-1647.
- Panzer, S. & **Wilde Braden, H.**, & Shea. (2006). The learning of two similar complex movement sequences: Proactive and retroactive effects on learning. *Journal of Motor Behavior*, 38: 60-70.
- Wilde Braden H.**, Magnuson C, and Shea CH. (2005). Random and blocked practice of movement sequences: Differential effects on response structure and movement speed. *Research Quarterly for Exercise and Sport*, 76(4):416-425.
- Park, JH, **Wilde Braden, H.**, and Shea, CH. (2004). Part-whole practice of movement sequences. *Journal of Motor Behavior*, 36:51-61.
- Davis, S., Reiss, K., VanSlyke, K., **Wilde Braden, H.**, Rogers, T., & Sizer, P. (submitted). Effects of hamstring stretch on reaction time and movement time during a rapid knee flexion activity and performance of standing jump activity. *Research Quarterly for Exercise and Sport*.

Peer Reviewed and Published Abstracts from Professional Presentations:

- Kohls, R., Smith, S., Huckaby, T., and **Braden, H.** Interprofessional Education on Clinical Practicums in Different Therapy Settings. (2019). *Poster for Educational Leadership Conference via Academy of Physical Therapy Education (APTE) and the American Council of Academic Physical Therapy (ACAPT), Bellevue, Washington*.
- Ko, M., Lee, H., Park, S., and **Braden, H.** The effects of cognitive impairment on functional mobility in

- older adults with dementia. (2018). *Poster presented at the American Congress of Rehabilitation Medicine Conference, Dallas, TX.*
- Braden, H.**, Larsen, S., Luedeker, R., Morgan, C., and Taylor, C. Impairment and activity limitation changes in assisted living facility residents over the course of one year – A pilot study. (2018). *Poster presented at the Combined Sections Meeting, New Orleans, LA.*
- Braden, H.**, Squires, K., Powers, K., and Baca, L. Student experiences with interprofessional collaboration in orthopedic versus neurologic physical therapy settings. (2017). *Poster presented at Texas Physical Therapy Association, Corpus Christi, TX.*
- Moyer, H., Severe, S., Gale, J., and **Braden, H.** Outcomes of nursing home residents over time. (2016). *Poster presented at The Gerontological Society of America's 69th Annual Scientific Meeting, New Orleans, LA.*
- Larsen, S., Luedeker R., Morgan, C., Taylor C., Moyer, H., and **Braden, H.** Correlation of falls in assisted living residents. (2016). *Poster submitted to The Gerontological Society of America's 69th Annual Scientific Meeting, New Orleans, LA.*
- Larsen, S., Luedeker R., Morgan, C., Taylor C., Moyer, H., and **Braden, H.** Assisted living residents: Activity levels. (2016). *Poster presented at the Graduate Research Symposium, San Angelo, TX.*
- Moyer, H., Severe, S., Gale, J., and **Braden, H.** Functional changes in nursing home residents over time. (2015). *Poster presented at The Gerontological Society of America's 68th Annual Scientific Meeting, Orlando, FL.*
- Moyer, H., Severe, S., Gale, J., and **Braden, H.** Nursing home residents: Impairments and Function. (2015). *Poster presented at the Graduate Research Symposium, San Angelo, TX.*
- Moyer, H., Rew, A., and **Braden, H.** Inter-reliability and intra-reliability of standard manual muscle testing vs. hand-held dynamometry in testers of three clinical experience levels. (2015). *Poster presented at TPTA Annual Conference, Arlington, TX.*
- Moyer, H., Severe, S., Gale, J., and **Braden, H.** Trends for ambulatory nursing home residents. (2015). *Poster presented at TPTA Annual Conference, Arlington, TX.*
- Moyer, H., Gale, J., Severe, S., and **Braden, H.** Functional mobility as a fall risk predictor in active nursing home residents. (2015). *Poster presented at APTA's NEXT Conference and Exposition, National Harbor, MD.*
- Braden, H.** and Ko, M. Gait speed improvements and a cut-off for slow versus moderate-normal walkers. (2015). *Poster presented at CSM National Conference, Indianapolis, IN.*
- Moyer, H., Gale, J., Severe, S., and **Braden, H.** Functional mobility of residents in nursing facilities (2014). *Poster presented at The Gerontological Society of America's 67th Annual Scientific Meeting, Washington, DC.*
- Gale, J., Moyer, H., Severe, S., and **Braden, H.** Fall risk predictors in active nursing home residents. (2014). *Poster presented at Texas Physical Therapy Association (TPTA) Annual Conference, Galveston, TX.*
- Braden, H.**, Ko, M., Bohmfalk, M., Hortick, K., Hasson, S. Does walking speed improve in acute care, skilled nursing, or inpatient rehabilitation? (2013). *Poster presented at CSM National Conference San Diego, CA.*
- Hughes, L., Keith, S., **Braden, H.** Motivating patients towards behavior change (2013). Course presented at the *TPTA Annual Conference, Arlington, TX.*
- Braden, H.**, Hilgenberg, S., Bohannon, R., Ko, M., Bohmfalk, M. Gait speed in acute care. (2012). *Poster presented at APTA National Conference, Tampa, Florida.*
- Wilde Braden, H.**, Shea, CH. (2007). Effects of aging on learned movements. *World Congress Physical Therapy Platform Presentation, Vancouver, Canada and published in Physiotherapy.*
- Wilde Braden, H.** Shea, CH. (2007). Transfer of learned movements. *Poster presented at World Congress Physical Therapy, Vancouver, Canada and published in Physiotherapy.*

- Wilde Braden HJ** and Shea, CH. (2005). Complexity effects of movement sequences with varying practice. *Poster presented at North American Society of Psychology, Sport, and Physical Activity (NASPSPA) and published in Journal of Sport and Exercise Psychology.*
- Wilde Braden, HJ** and Ammar, D. Sequence learning in children. (2004). *Poster presented at NASPSPA and published in Journal of Sport and Exercise Psychology.*
- Wilde Braden, HJ** and Shea, CH. Practice effects of sequential movements with parameter changes. (2004). *Poster presented at NASPSPA and published in Journal of Sport and Exercise Psychology.*
- Wilde Braden, HJ**, Park, JH, and Shea, CH. Age related effects in sequenced motor learning. (2003). *Poster presented at Combined Sections Meeting Nashville, TN and published in Journal of Geriatric Physical Therapy.*
- Wilde Braden, HJ**, Magnuson, C, and Shea, CH. (2003). Random and blocked practice of movement sequences: Differential effects on response structure and movement speed. *Poster presented at NASPSPA and published in Journal of Sport and Exercise Psychology.*
- Park, JH, **Wilde Braden, HJ**, and Shea, CH. (2003). Part-whole practice of movement sequences: effects on retention and transfer. 2003. *Poster presented at NASPSPA and published in Journal of Sport and Exercise Psychology.*
- Shea, CH, Park, JH, and **Wilde Braden, HJ**. Age related effects in motor learning. (2003). *Poster presented at NASPSPA and presented in Journal of Sport and Exercise Psychology.*
- Wilde Braden, HJ** and Shea, CH. Sequential movement skills across the life span. (2003). *Poster presented at the American Alliance for Health, Physical Education, Recreation, and Dance (AAPHERD).*

Peer Reviewed Scientific and Professional Presentations:

- Invited Speaker: **Braden, H.** Outcomes of Academic Institution and Medical Facility Collaboration, Human Subjects Committee Forum Shannon Medical Center, 2015
- Invited Speaker: **Braden, H.** Walking Speed and Its Implications-A Clinical Guide, Texas Physical Therapy Association Continuing Education Course, 2014
- Invited Speaker: **Braden, H.** Walking Speed: An Informative Vital Sign, Texas Physical Therapy Association Midwest District, 2012
- Invited Speaker: **Braden, H.** Skilled Nursing Unit Use of Gait Speed: Progress and Goal Writing, Shannon Medical Center Symposium, 2012
- Invited Speaker: **Braden, H.** Gait Speed: A Friendly Assessment Tool, West Texas Rehabilitation Center, Outcome Assessment Seminar, 2012
- Invited Speaker: **Braden, H.** Protocols for Cardiopulmonary, Musculoskeletal, and Neuromuscular System Diagnoses for Therapy in Skilled Nursing Settings, Trisun Healthcare Forum, 2010
- Invited Speaker: **Braden, H.** Adaptive Equipment in Long Term Care, Harden Healthcare Summit, 2010
- Invited Speaker: **Braden, H.** Wheelchair Seating and Positioning, Harden Healthcare Conference, 2010
- Invited Speaker: **Braden, H.** Timely Documentation and Communication Across Disciplines in Health Care, Harden Healthcare Forum, 2010
- Invited Speaker: **Braden, H.** AIDET Communication Strategies, Studor Group and Harden Healthcare Forum, 2010
- Invited Speaker: **Braden, H.** HIPAA Privacy Security, Harden Healthcare Seminar, 2007 - 2010
- Invited Speaker: **Braden, H.** Modalities Management, Harden Healthcare Forum, 2010
- Invited Speaker: **Braden, H.** Electronic Documentation, Harden Healthcare Conference, 2010
- Invited Speaker: **Braden, H.** Early Risers Program for Skilled Nursing Facilities, Harden Healthcare Conference, 2010
- Invited Speaker: **Braden, H.** Dining Program in Skilled Nursing, Harden Healthcare Conference, 2010

Invited Speaker: **Braden, H.** Standing Frame Program for Skilled Nursing, Harden Healthcare Conference, 2010
Invited Speaker: **Braden, H.** Walk/Wheel to Dine Program in Skilled Nursing Facilities, Harden Healthcare Conference, 2010
Invited Speaker: **Braden, H.** Corporate Compliance, Harden Healthcare Assembly, 2007 – 2010

Non-Peer Reviewed Publications:

Knappe, K., Artnak, K., and **Braden, H.** (2015). Opportunities for Research at Shannon. *Shannon Stethoscope*.
Braden, H. (2007). Physical therapist care for patients with cancer and after cancer therapies. *San Antonio Cancer Institute*.

Non-Peer Reviewed Presentations:

Invited Speaker: **Braden, H.** Physical Therapy Outcomes in Home Health, West Texas Healthcare, 2013
Invited Speaker: **Braden, H.** Gait Speed: It's About Time, 2012

Funded Grant Activity:

Principal Investigator
\$15,000
Does Slow Mean Steady? Characteristics of Sit to Stand then Walk versus Sit to Walk for the Elderly
Oct 2019 – Sept 2020, Research Enhancement Grant, Angelo State University

Principal Investigator
\$13,480
Interprofessional Collaboration in Orthopedic versus Neurologic Rehabilitation Settings
Oct 2017 – Sept 2018, Research Enhancement Grant, Angelo State University

Principal Investigator
\$15,000
Aging in Place in Assisted Living Facilities: Assessing Physical Changes and Predictors of Change
Oct 2016 – Sept 2017, Angelo State Grant

Principal Investigator
\$14,350
Longitudinal Changes in Functional Mobility for Nursing Home Residents Over 1 Year
Oct 2015 – Sept 2016, Angelo State Grant

Co-Principal Investigator
\$45,000
Mobile Technology Usage for Enhancing Patient Care in Geriatric, Indigent, and Underserved Populations
Jan 2014 - May 2015, Telemedicine College Instructional Enhancement Grant

Co-Principal Investigator

\$14,970

Does a Back Squat with Toes Forward cause Muscular Imbalance of the Vastus Medialis
Oblique and Vastus Lateralis?

September 2013 - August 2014, Research Enhancement Grant

Co-Principal Investigator, Program Director

\$17,400

The Effects of Technology-Enhanced Assessments on Learning Outcomes in Graduate Nursing
and Physical Therapy Students at Angelo State University

February 2013 - August 2013, Office of Sponsored Projects Grant

Principal Investigator, Program Director

\$13,205

Walking Speed as an Indicator of Patient Function in Various Health Care Settings

January - August 31, 2012, Research Enhancement Program Grant, Angelo State University

Principal Investigator, Program Director

\$4,000

Asthma and allergy equipment to local schools

September 2011 - August 2012, Everyone Breathe Asthma Awareness Grant, Asthma and
Allergy Foundation of America and Sunovion Pharmaceuticals Inc.

Principal Investigator, Program Director

\$12,685

Motor Learning of Sequential Movement Skills in South Texas Elderly

January 2006 - January 2007, South Texas Health Research Center

Scholarly Products:

Editorial Board Member

Jacobs Journal of Physiotherapy and Exercise, 2015-present

Journal of the Korean Society of Physical Medicine, 2016-present

Reviewer of International/National Scholarly Journals

Journal of Evaluation in Clinical Practice, 2014 - present

Journal of the American Geriatric Society (JAGS), 2013 - present

Physiotherapy Theory and Practice, 2013 - present

Archives of Physical Medicine and Rehabilitation, 2013 - present

Journal of Geriatric Physical Therapy (JGPT), 2012 - present

Physical Therapy Journal, 2006 - 2008

International Journal of Physiotherapy Research, 2006 - 2007

International Collaborative Research:

ResearchGate global research collaboration, Berlin, Germany

Published peer-reviewed articles in motor learning with Jin-Hoon Park, PhD, Korea University and Stefan Panzer, PhD, University of Leipzig, Germany, 2002 - 2008

National and Regional Collaborative Research:

Interprofessional Education Collaborative, Completion of 2013 IPEC Institute, Chicago, IL, 2013
Geriatric Specialty Regional Item Writing Workshop, San Antonio, TX, 2012
Science Improvement Team- Acute care, skilled nursing, and inpatient rehabilitation collaborations, 2010 - present
University of Connecticut and Shannon Medical Center- Gait speed research collaborations, 2010 - present
Lubbock, TX and Carolyn Mason, PT, PhD- LSVT/BIG research collaborations, 2010 - 2012
Goodfellow Air Force Base, Mansoo Ko, PhD, You-jou Hung, PT, PhD, and Yi-Po Chiu, PT, MHS, PhD- Patellofemoral research collaborations, 2010 - 2011

Media and Software Developed:

Computerized Interprofessional Collaboration environment for DPT and graduate Nurse practitioner students to increase patient centered care, interdisciplinary teams, evidence-based practice, and use of informatics, 2012-present
Computerized Enhanced Instructional Media using Raptivity for student guided learning, 2012-2014
Computerized Physical Therapy Simulated Board Examination for student preparation in final semester at University of Texas Health Science Center San Antonio, 2005 - 2007
Computerized Physical Therapy Exam Interactive Critical Thinking Series in preparation for National Board Examination, 2005 - 2007

Reviewer for Textbooks:

Fundamentals of the Physical Therapist Examination, Fruth, 2014
Daniel's and Worthingham's Muscle Testing, 9th edition, Hislop et al, 2014.
Fundamentals of the Physical Therapy Examination: Patient Interview and Tests & Measures, Fruth, 2013
ACSM's Exercise for Older Adults, Wojtek Chodzko-Zajko, 2013
The Muscle Test Handbook, 1st edition, Garten and Shafer, 2013
Patient Care Skills, 6th edition, Minor and Minor, 2012
Elsevier Digital Books, online textbook options including quick searches, cross-reference materials, direct links to tables/figures, and health science libraries, 2012
Principles and Techniques of Patient Care, 5th edition, Fairchild, 2011
Differential Diagnosis for Physical Therapists: Screening for Referral, 5th edition, Goodman and Snyder, 2011
Introduction to Research and Medical Literature for Health Professionals, 3rd edition, Blessing, 2011

Research Activity:

Proposal Development Team Member, U.S. Department of Education
Promoting Post Baccalaureate Opportunities for Hispanic Americans (PPOHA) Grant
Title V Hispanic Serving Institution Grant Program, Graduate School, 2019 Submitted Research Grant
Consultant, NIH R21
\$275,000, Vibration Training for Preventing Falls in Frail Older Adults
2016, 2017, 2018 Submitted Research Grant, National Institute on Aging
Co-Principal Investigator, Program Director
\$104,000, Use of Technology to Facilitate Interprofessional Education for Evidence-Based Practice

Approaches to Treat Geriatric, Indigent, and Underserved Populations in the Concho Valley
2013, Submitted Research Grant, San Angelo Health Foundation, San Angelo, TX regional area

Co-Principal Investigator, Program Director

\$30,000, Interprofessional Educational Strategies via Enhanced Technology for Didactic and Clinical Learning Experiences, Patricia Simpson, PhD, RN, ANP-BC co-principal investigator
2013, Submitted Research and Development Grant, McAnalley Associates, Dallas, TX

Co-Principal Investigator, Program Director

\$22,000, Interprofessional Education: Obtaining Skills to Treat Older Adult, Indigent, and Rural Populations in West Texas, Patricia Simpson, PhD, RN, ANP-BC co-principal investigator
2013, Submitted Research Grant, Carl B. & Florence E. King Foundation, Dallas, TX

Continuing Education Workshops Conducted/Organized:

Outcome Measures Correlated with Falls in Nursing Home Residents, AGPT Balls and Falls SIG Forum with Dr. Heidi Moyer, 2018

Exercise and Diabetes: Tools for Integrating Patient-Directed Practice, American Physical Therapy Association Combined Sections Meeting Course, Anaheim, CA, 2016

Therapy Role in Electronic Medical Records for Home Care, West Texas Healthcare, 2013

Motivating Patients Toward Behavior Change, TPTA State Conference and continuing education course offering, 2013

Medical Considerations for Therapy Patients, Harden Healthcare, 2009

Direction of Documentation in Skilled Settings, Harden Healthcare, 2009

Proper Brace and Splint Fitting and Management in Skilled Nursing, Harden Healthcare, 2009

Controlled Event Protocol, Harden Healthcare, 2009

Transfer Training in Long Term Care Settings, Harden Healthcare, 2007 - 2010

Changes in Work-related and Recreation during Prostate Cancer Experience, Texas Society Allied Health Professionals, 2007

Physical Activity and the Cancer Experience, Fred Hutchinson Cancer Research Center, Seattle, WA, 2007

Movements: Learning and Transfer Ability, Faculty Development Day, University of Texas Health Science Center San Antonio, 2007

Sequential Movements: The Effects of Spatial Changes and Extended Practice Sessions, Faculty Development Day, University of Texas Health Science Center San Antonio, 2007

The State of the Profession of Physical Therapy, Texas Association of Advisors for Health Professions, San Antonio, 2007

Physical Activity and Prostate Cancer, San Antonio Cancer Institute, San Antonio, TX, 2007

Exercise Benefits During Cancer Experience, GU Oncology Program, Cancer Therapy and Research Center, 2007

Motor Sequential Learning, Speech Motor Control Research Team, Research Imaging Center, San Antonio, TX, 2007

Attendance Policy Implementation, School of Allied Health Sciences, University of Texas Health Science Center San Antonio, 2005

Complexity Effects of Movement Sequences with Varying Practice, Faculty Research Development Day, University of Texas Health Science Center San Antonio, 2005

Age Related Effects in Sequential Motor Learning, Combined Sections Meeting, Geriatrics, American Physical Therapy Association, Nashville, TN, 2005

The Effect of Body Mechanics, Warm up, and Stretching on Injury Prevention and Sport Skill Performance, Texas A&M University Health and Fitness organization, College Station, TX, 2003

Appropriate Care for the Residual Limb of a Patient with Amputation, St. Joseph's Regional Rehabilitation Center, Bryan, TX, 2002-2003

Ergonomics, Posture and Body Positioning with Regard to Work-related Injury, St. Joseph's Health System, Bryan, TX and San Angelo Community Medical Center, San Angelo, TX, 2000-2003

Membership in Scientific/Professional Organizations:

Member, Texas Physical Therapy Association (TPTA), 1997 to present

Member, American Physical Therapy Association (APTA), 1997 to present

Geriatric Board-Certified Clinical Specialist by the American Board of Physical Therapy Specialties, 10-year renewal in 2019

Member, Texas Society of Allied Health Professionals (TSAHP), 2002 to present

Member, San Angelo Aging Advocates, 2010 to present

Member, TPTA Midwest District, 2007 to present

Member, World Congress Physical Therapy, 2006 to 2007

Member, UTHSCSA Physical Therapy Alumni Association, 2004 to 2007

Member, American Alliance for Health, Physical Education, Recreation, and Dance (AAPHERD), 2003 to 2007

Member, North American Society for the Psychology of Sport and Physical Activity (NASPSPA), 2002 to 2007

Vice Chair for Student Special Interests Group, TPTA, 1998 to 2000

Consultative and Advisory Positions Held:

International and National Professional/Clinical Consultation:

Health Professions Consultant- New England Medical Legal Consultants, Inc., Warwick, RI, 2015

Telehealth Physical Rehabilitation Consultant- Gertner Institute and Mediclever Ltd., London, UK, Modiin, Israel and Valley Cottage, NY, 2012

Collaborator with EPA Asthma Program, 2012

National Clinical and Academic Consultation:

Research Consultant for the Academy of Geriatric Physical Therapy- Moderator for national geriatric and nursing home broadcast. 2018

Collaborator- Southwest Research Institute, 2006

Regional Consultation:

Designer/Implementer of performance based therapy documentation in the home health system- West Texas Healthcare, 2013

Trainer- Skilled Rehabilitation Documentation for Home Health, 2010 to present

Research/Clinician Collaborator- The Effects of a Resisted Gait Intervention on Geriatric Functional Mobility and Balance, 2013-present

Supervision of Student Research:

I. Research Studies: abstracts, written reports, poster presentations, and final defense

Braden, Taylor, Burtch, Madison, Mott, Samantha, Pyle, Alexandria. The Relationship of Sway on Different Variables in the Sit to Stand Task for the Elderly, 2018-2021.

Smith, Sascha and Kohls, Rylie. Orthopedic vs. Neurologic Interprofessional Collaboration, 2017-2020.

Buck, Caitlyn and Martindale, Brandon. Goniometer Apps: Do They Measure Up? Exploring the Accuracy of Mobile Device Apps, 2017-2020.

Costa, Daniela, Moore, Rachel, Stanzel, Rachael, Thornburg, Chelsea. Greenhouses and nursing homes: Changes in resident function over the course of one year, 2016-2019.

Larsen, Sarah, Luedecker, Rebecca, Morgan, Carlos, Taylor, Christina. One year change in functional mobility for assisted living residents, 2014-2017.

Bacca, Luz'ce, Kellermeier, Karli, Squires, Katherine. The use of interprofessional collaboration for physical therapy students on an inpatient versus outpatient clinical practicum, 2014-2017.

Rew, April and Moyer, Heidi. Inter-reliability an Intra-reliability of standard manual muscle testing vs. hand-held dynamometry in testers of various experience levels, 2015-2016.

Gale, Jeff, Moyer, Heidi, and Severe, Stephen. One year change in functional mobility for nursing home residents, 2013-2016

Davenport, Katie, Johnson, Katy, and McKinney, Shannon. Interprofessional education in face-to-face and online graduate curriculum, 2013-2016

Lawson, Kayla and Martinez, Gabriela. The relationship of discharge gait speed to hospital readmission in the geriatric population, 2013-2015

Michael, Russell and Petrie, Matthew. Effects of instructional media on learning in graduate health science classes, 2013-2015.

Bohmfolk, Maddie. Gait speed in fallers versus non-fallers in older adults, 2011-2013;
Angelo State University DPT Top Research Award 2013 earned for this project

Portillo, Alberto. Effects of aging on motor planning, 2005-2007

Costa, Sofia. Sequential motor learning, 2004

Zilman, Lauren. Absolute and relative motor sequences, 2004

I. Case Studies and Critically Appraised Topics: abstracts, written reports, poster presentations, and final defense

Mezzacappa, Dillon. Status-post right hemispheric hemorrhagic stroke rehabilitation: A case report to determine the efficacy of the Alter G anti-gravity treadmill as part of stroke rehabilitation of an 89-year-old female, 2014.

Barnes, Jared. Applied functional science movement based therapy in a 9-year-old male post immobilization following FOOSH distal radius/ulna fracture: A case study, 2014.

Evans, Catherine. Proprioceptive neuromuscular facilitation as an early intervention for spasticity in an acute spinal cord injury: A case report, 2014.

Tran, Andy. Treatment of whiplash-associated disorder with multimodal interventions: A case report, 2014.

Kirchner, Angela. Advancement toward running in a chronic TBI patient: A case study, 2014.

Dean, Caitlin. Rehabilitation of subacromial impingement syndrome following an exercise and manual therapy intervention protocol: A case report, 2013.

Boynton, Josh. Early rehabilitation of a hip microfracture procedure: A case report, 2013.

Khalfe, Adeeb. Application of evidence based strategies and functional training following a rotator cuff repair in the outpatient orthopedic physical therapy setting: A case study, 2013.

Gaillard, Brittany. Description of a functional approach to physical therapy in a child with cerebral palsy GMFCS Level IV: A case report; *Angelo State University DPT Top Research Award 2012 earned for this project.*

Hortick, Katie. Evaluation of neuromuscular electrical stimulation on a patient status post

acute stroke in the inpatient setting: A case study, 2012

Buhle, Charlotte. A short term NDT intervention in a pediatric patient with cerebral palsy: A case report, 2012

Hohlt, Lindsey. The effects of a neuromuscular re-education and activity-based therapy treatment approach in a pediatric patient with developmental coordination disorder and abnormal gait: A case report, 2012

Iorio, Michelle. Effect of an inpatient rehabilitation program on Parkinson's disease, 2012

Campbell, Jennifer. Effects on gait pattern with an intervention protocol including Therasuit for children with spastic cerebral palsy, 2006

Hernandez, Damaris. Effectiveness of hippotherapy versus unweighted treadmill on gait function in children with cerebral palsy, 2006

Leija, Olivia. Functional outcomes for patients with Parkinson's disease that participate in therapeutic aquatics versus conventional physical therapy, 2006

Menchaca, Elizabeth. Effectiveness of therapy program including balance, proprioception, and fall prevention versus therapy without fall prevention in patients with cerebrovascular accident, 2006

Santos, Jessica. Effects of aquatic therapy versus traditional land therapy on functional mobility in patients with Duchenne's muscular dystrophy, 2006

Smith, Kelli. Does the performance of task specific training increase axonal collaterals in the central nervous system when compared to standard compensatory training for central vestibular lesions?, 2006

Weisinger, Olivia. Effects of quality of life on asthmatic children with exercise intervention versus a control group, 2006

Billescas, Ramon. Effects of home health therapy on functional longevity in a group of patients with Parkinson's disease versus control group, 2005

King, Mary Sue. A comparison of two treatment regimens in otherwise healthy women with incontinence, 2005

Sink, Jennifer. Effects of anodyne to restore balance and incidence of falls among the elderly, 2005

Sullivan, Michael. Functional outcomes for a group of elderly patients receiving pilates training versus a control group, 2005

Villagran, Gerald. Effect of therapeutic aquatics on functional outcomes for patients with fibromyalgia, 2005

Niles, Abbie. Complexity effects of motor learning in young adults, 2004

Newton, Spencer. Effects of extended practice on motor control and motor learning tasks in adults, 2004

Blanton, Laurin. Part-whole practice of motor learning, 2004

Wiggins, Lauren. Aging effects on movement execution, 2003

Jack, Gwendolyn. Random versus blocked practice effects in young adults, 2003

Community Service:

Wall Athletic Booster Club Board Member, 2019-present

Wall ISD School Board Trustee Candidate, 2019

Coordinator of Student Community Engagement in Geriatrics, 2015-present

Career Day Educator and Guest Speaker, Wall Elementary School, 2014, 2015

Chair- TPTA Midwest District Graduate Scholarship Committee, 2014

BCBS Blue Distinction for Care of Total Joint Replacement Committee Consultant, 2014

Head Coach Youth Basketball Teams- Team and Parent Coordinator PeeWee, U6, U7, City of San

Angelo Youth Basketball League, 2010-present
 Head Coach Youth Soccer Teams- Team and Parent Coordinator U5, U6, U7, U8, U9 San Angelo Soccer Association, 2010-2015
 Community Coordinator-Clinician engagement in DPT research and case report defenses, 2014
 Coach and Team Coordinator, Wall Little League and Tee Ball, 2011-present
 Cancer Fundraising and Event Coordinator, Galindo Benefit 2014, Klimesmith Benefit 2015
 Senior Living Options Consultant, Area Agency on Aging and Dept of Aged and Disabled, 2013
 Educational Fundraising and Events Volunteer- Wall Parent Teacher Organization, 2012-present
 Home Safety Assessments for seniors and physically challenged citizens in Concho Valley, 2011-present
 Director for community engagements providing health care screens and support for seniors- Christian Village Senior Living Facility and other local facilities, 2011-present
 Member-San Angelo Aging Advocates, 2010-present
 Pro-bono physical therapy services for underserved geriatrics, 2008-present
 Service to youth- Career Days presenter, fundraising participant for Wall FFA, Wall AG Boosters, Wall High School, Wall Jr. High School and Wall Elementary School, 2008-present
 Parishioner, service, children's education, Fall Festival- St. Ambrose Catholic Church, 2007-present

Services to the University/College/School on Committees/Councils/Commissions:

University Service:

Promoting Postbaccalaureate Opportunities for Hispanic Americans (PPOHA) Proposal Development Committee, Grant Writing Team – US Department of Education, 2019-2020
 Connect! Student and Faculty Showcase, Community Engagement Presentation, CJ Davidson Conference Center, 2016
 Tenure and Promotion Policy Revision Final Committee, 2015
 President ASU Faculty Senate, 2014-2015
 -address needs of faculty: Fall Break, Employee Dependent Scholarship, workload calculation, TCCNS, tenure & promotion process, salary incentive initiative for full professors, pay raises during a promotion year, efforts for increased summer school offerings and dual credit teacher preparation
 -participate in ASU events: University Assembly, President's Awards Ceremony, Faculty & Staff Social
 -attend weekly administrative meetings: President's meetings, Dean's Council meetings, Deans/Department Chair meetings, Executive Committee meetings, Faculty Senate meetings
 Co-Chair Provost and Vice President of Academic Affairs Search Committee, 2014-2015, 8 month service
 Optional Retirement Program (ORP) Committee, 2014-2015
 Vice President ASU Faculty Senate, 2013-2014
 -Ad hoc Workload Committee
 -Ad hoc Paired Courses Committee
 -Faculty Senate representative at fall and spring graduations
 Chair of Committee on Committees, Faculty Senate, 2013-2014
 Chair of Employee Dependent Scholarship Committee -Successful implementation in 2014 2012-2014, 24 month extensive development time
 Fall Convocation Marshal- Health & Human Services Representative, 2013
 Member- General Scholarship Committee, 2013
 Elected College Member (1 of 2 faculty per college) of Faculty Select Committee, substantial revision of OP 06.23, 2012-2014, 24 month continuous meeting and service time

Member- Provost and Vice President of Academic Affairs Search Committee, 2012-2013, 7 month extensive service time

Appointed Member- Review/revision of OP 06.16 and OP 06.26, 2012-2013

Member - Review/revision of timeline for chair and dean evaluations, 2012-2013

Member- President's Award Selection Committee, Faculty Senate, 2012-2015

Member- E-Learning Committee, Faculty Senate, 2012-2013

Chair-Fall Break Committee, Faculty Senate, 2012-2014 and implemented for the first time fall 2015

Member- Faculty Evaluations Committee, ASU Faculty Senate, 2012-2013

Member-OP 06.25 Non-Tenure Eligible Faculty Titles Committee, ASU Faculty Senate, 2012-2013

Undergraduate Advocate for Pre-Occupational/Physical Therapy-Provide instruction and guidance for OT and PT applicants, 2013

Discover ASU- Educator and DPT Program Marketer, 2012

Faculty Senator- ASU Faculty Senate, 2010-2015

Chair- ASU Academic Affairs Standing Committee, 2012-2013

Member-ASU Faculty Senate Executive Committee, 2011-2015

Member- President's Awards for Faculty Excellence Committee, ASU Faculty Senate, 2011-2015

Member- Committee on Committees, ASU Faculty Senate, 2011-2015

Member- Bylaws Committee, ASU Faculty Senate, 2011-2013

Member- Instructor and Clinical Track Promotion Committee, ASU Faculty Senate, 2011-2015

Member- Operating Procedure Review Committee, ASU Faculty Senate, 2011-2015

Member, ASU Health Services Committee, 2012-2013

Undergraduate Mentor, Advisor, Tutor, ASU, 2011-present

Member- ASU Faculty Research Enhancement Grant Program Committee, 2011-2012

Coordinator and Administrator- ASU Porter Henderson Library resources survey to DPT Students, 2011

Ergonomics Committee Member- ASU P. Henderson Library Work Station Evaluations, 2010-present

College Service:

Team Leader and Organizer- Interprofessional Collaboration Task Force via Clinical Psychology, Social Work, and Nursing for various academic courses and community engagements, 2018-present

Peer Review Committee Member for numerous faculty in the department- Department of Health Science Professions, 2018-present

Member- College of Graduate Studies, Graduate Thesis Committee-Christopher Merryman, Security Studies and Intelligence, 2018-present

Member- College of Graduate Studies, Graduate Thesis Committee- Heather Donovan, Security Studies and Intelligence, "Electronic Threat to National Security," 2017-2018

Member- College of Graduate Studies, Graduate Thesis Committee- Tate Lieber, Intelligence, Security Studies, Analysis, "A Comparative Analysis of the Gulf of Tonkin Resolution and the 2001 Authorization for the Use of Military Force Act", 2016-2017

Member- Archer College of Health and Human Services Tenure and Promotion Committee, 2016-2018

Chair- Archer College of Health and Human Services Tenure and Promotion Committee, 2015-2016

Member- College Tenure and Promotion Committee, 2014-2015

Member- Athletic Training Tenure and Promotion Committee, 2014-2016

Member- ASU College of Graduate Studies, Graduate Thesis Committee- Desirae Maldonado, Intelligence, Security Studies, Analysis, "Leading and learning: Understanding and reducing intelligence leadership failures", 2014-2015

Invited Instructor- ASU, College of Health and Human Services, Dept of Nursing, BSN NUR 3312, Fundamentals of Nursing Practicum, 2015-present

Invited Instructor- ASU, College of Health and Human Services, Dept of Nursing, BSN NUR 3314,

Fundamentals of Nursing, 2014-present
Invited Instructor- ASU, College of Health and Human Services, Dept of Nursing, BSN NUR 3305, 2012-present
Invited Instructor- ASU, College of Health and Human Services, Dept of Nursing, NUR 3306 Geriatric Nursing Practicum, 2012-2013
Invited Instructor- ASU, College of Health and Human Services, Dept of Nursing, NUR 1363 Common Concepts, 2011-2013
Invited Instructor- ASU, College of Health and Human Services, Dept of Nursing, RNSG 1361, Clinical Nursing
Interprofessional Education Collaborative- Health professions interdisciplinary academic and research focus, 2013-present
Faculty Mentor- Tenure and Promotion Guidance for Colleagues, 2013-present
Nominator- ASU Outstanding Graduate Student Award, DPT Student Maddie Bohmfalk recipient, 2013
Member- ASU, Graduate Thesis Advisory Committee for Pablo R. Rodriguez Pacheco, 2011-2013
Educator- Graduate Professional School Fair, Discover ASU, and DPT Information Meetings for ASU, 2012-present

Department Service:

Member- Curriculum Revision Committee, 2018-2019
Member- President's Awards Nomination Committee, 2017
Co-Chair- Dept of Physical Therapy Faculty Search Committee, 2016
Co-Coordinator- CAPTE Self-Study Committee, 2016-2017
Chair- Dept of Physical Therapy Scholarship Committee, 2015-present
Member- Dept of Physical Therapy Tenure and Promotion Committee, 2014-present
Member- Dept of Physical Therapy Annual Review and Peer Review Committee, 2014-2015
Member- Dept of Physical Therapy CAPTE Goals Task Force, 2004-2015
Member- Dept of Physical Therapy Scholarship Committee, 2014-2015
Member- Dept of Physical Therapy Graduate Assistant Selection Committee, 2014-present
Member- Dept of Nursing and Rehab Sciences Tenure and Promotion Committee, 2013-2014
Committee Chair- Policy revisions for Department scholarly activity re: OP 56.01, 56.02, 56.03, grant approval form, and appendices, 2013
Team Member- Professional Development Activities Workshop for students, 2013
Faculty Group Leader- Clinical Instructor Focus Group and Awards Recognition Event, 2013
Faculty Mentor- Physical Therapy Residency application materials provided for students, 2013
Partner- Graduate Nursing and Physical Therapy Admissions Collaboration, 2013
Member- ASU Nursing & Rehab Sciences Department- Athletic Training Program Search Committee 2011-2012 and 2012-2013
Educator- Pre-physical Therapy Information Sessions, 2012-present
Member- ASU DPT Early Admissions Sub-Committee, 2012
Liaison-ASU, SACS Program Assessment Student Outcomes, 2011-present
Member- ASU Nursing & Rehab Sciences Department, Academic Coordinator of Clinical Education/Assistant Clinical Professor (ACCE) Search Committee, 2012
Member- ASU Nursing & Rehab Sciences Department, DPT Student Awards Committee, 2011-2014
Member- ASU Nursing & Rehab Sciences Department DPT Scholarship Committee, 2011-2014
Member- ASU Nursing & Rehab Sciences Department, DPT Graduate Assistant and Teaching Assistant Selection Committee, 2011-2014
DPT Academic Advisor- ASU Nursing & Rehab Sciences Department, 2011-present
Faculty Representative- ASU Nursing & Rehab Sciences Department, Ad hoc DPT Medical Terminology Implementation, 2011-2013

Member- ASU, DPT Ad hoc Graduate Curriculum Committee, 2010-present

Honors and Awards (International, National, and Regional):

Nominee for Gary and Pat Rodgers Distinguished Faculty Award, Angelo State University, San Angelo, TX, 2016

Finalist/Top 5 for President's Award for Excellence in Research/Creative Endeavors, Angelo State University, San Angelo, TX, 2016

TPTA Outstanding Physical Therapy Researcher Award, Texas Physical Therapy Association, Arlington, TX, 2015

Best Manuscript of the Year Award, Journal of Acute Care Physical Therapy, Acute Care Section APTA, ceremony and award presentation Indianapolis, IN, 2015

Community-Engaged Faculty Fellow, Angelo State University CONNECT! Quality Enhancement Program Fellow, 2014-2018

Tippett Professorship Nominee for the College of Health and Human Services, ASU, 2015

President's Award for Research Excellence Nominee Office of the President, ASU, 2014

Who's Who in North American Education Covington Network, 2012 and 2013

National Combined Sections Meeting Award, Geriatric Clinical Specialization

American Physical Therapy Association, 2011

Zero Deficiency State Survey in local skilled nursing facility Center for Medicare and Medicaid Services, Texas Affiliate, 2009

Promotion from Director of Rehab to Sr. Director of Rehab, Harden Healthcare, 2009

Who's Who Among American Teachers and Educators Educational Communications, Inc., 2007

President's Council Award for Excellence in Allied Health Research, UTHSCSA, Office of the President and College of Health Professions, 2007

Continuing Education Attended within last 5 years:

2017- Lung Disease Applications to PT, 1 hour

2016- Medicare Fraud and Abuse: Prevention, Detection, and Reporting, Baltimore, MD, 1 hour

2016- Examination and Intervention for Persistent Pain Patients, San Angelo, TX, 1 hour

2015- Dynamics of Human Gait & Clinical Implications, San Angelo, TX, 1 hour

2015- GeriEDGE Fall Risk Assessment and Outcome Measures to obtain contemporary knowledge for teaching geriatrics and discharge planning, Indianapolis, IN, 2 hours

2015- Hot Topics in Home Health, Indianapolis, IN, 2 hours

2015-present Lunch n Learns 3per year, San Angelo, TX, 2 hours each

2015, Ethics- Texas Physical Therapy, 2 CCU, Innovative Educational Services (Rules & Regs)

2014, Telemedicine 101, TexLa Telehealth Resource Center, San Angelo, TX, 2 hours

2011-2014, National Institutes of Health Office of Extramural Research course "Protecting Human Research Participants", certification number 1639227

2014, Thriving Beyond Criticism, San Angelo, TX, 1 CCU

2013, American Association of Colleges of Nursing Conference "Interprofessional Education Collaboration and Assessment"; 2 hours

2013, Kaltura and Blackboard Updates, San Angelo, TX, 2 hours

2013, Cervical Radiculopathy- A Clinician's Guide, San Angelo, TX, 1 CCU

2013, Interprofessional Education: Building Framework for Collaboration, Chicago, IL; 24 CCU

2013, Raptivity software training, 8 CCU, Raptivity Inc. (Interprofessional Education (IPE))

2013, Advanced Directives: An Unrealized Goal, 1 CCU, Gannett Education (Geriatrics)

2013, Mental Health & Older Adults, Part 1: What to Expect with Aging, 1 CCU, Gannett

Education (Geriatrics)
2013, 2013, Strengthening Your Exercise Intervention: Theraband, 8 CCU, CSM APTA (Geriatrics)
2013, Thriving Under Scrutiny: Surviving an Audit, 2 CCU, CSM APTA (Medicare Part B)
2013, Home Health Hot Topics, 2 CCU, CSM APTA (Home Health)
2013, Evidenced Based Practice after TKR, 2 CCU, CSM APTA (Geriatrics)
2013, Discharge Planning in Acute Care, 2 CCU, CSM APTA (Geriatrics)
2013, Problem Based Learning Strategies in PT Curricula and Clinical Practice, 2 CCU, CSM APTA (Teaching)
2013-present, Defense of Case Reports and Research Project by ASU DPT Class of 2013, 2 CCU, ASU Seminar (Education)

Current Teaching and Service Learning Responsibilities for the Doctor of Physical Therapy (in sequence by term):

PT 7550 – Fundamentals of Physical Therapist Examination, Fall, Year 1 of DPT program
(4.9/5.0 average IDEA teacher evaluation score)
PT 7651 – Acute Care Management, Spring, Year 1 of DPT program
(4.9/5.0 average IDEA score)
PT 7232 – Foundation for Systems Review, Spring, Year 1 of DPT program
(5.0/5.0 average IDEA score)
PT 7234 – Education & Communication for Physical Therapist, Summer, Year 2 of DPT program
(4.9/5.0 average IDEA score)
PT 7354 – Essentials of Rehabilitation Practice, Fall, Year 3 of DPT program
(4.4/5.0 average IDEA score)
PT 7344- Evidence Based Research , Spring, Year 3 of DPT program
(Students' Research Project Content Advisor and Director)