

CURRICULUM VITAE

Jennifer L. Vincenzo, PT, MPH, PhD

Assistant Professor, Physical Therapist

1125 N. College Ave, Fayetteville, AR 72703

(479) 713-8605

Department of Physical Therapy

University of Arkansas for Medical Sciences, Northwest Campus

Education:

University of Arkansas

Fayetteville, Arkansas

January, 2011- May, 2015

Doctor of Philosophy - Major in Kinesiology, Research focus – geriatrics and fall prevention

Graduate Certificate in Educational Statistics and Research Methods

Southern Connecticut State University

New Haven, Connecticut

August 2000 – May 2003

Master of Public Health- Major in Public Health - Community Health Education

Quinnipiac University

Hamden, Connecticut

August 1994 – December 1998

Bachelor of Science – Major in Physical Therapy

Licensure Information/Registration Number:

-Licensed Physical Therapist – Arkansas; PT 3069

Board Certified Geriatric Clinical Specialist in Physical Therapy – American Board of Physical Therapy Specialties - 2012- current

Certifications:

-Board Certified Geriatric Clinical Specialist in Physical Therapy – American Board of Physical Therapy Specialties - 2012- current

-Certified Health Education Specialist - National Commission for Health Education Credentialing - CHES # 10575

-Certified Dementia Practitioner - National Council of Certified Dementia Practitioners
CDP# 238388

-Credentialed Clinical Instructor, APTA

-Collaborative Institutional Training Initiative – Certification in Human Subjects Research
(2015-current)

-Balance Based Torso Weighting – 2014 - current

-Basic Cardiac Life Support, current

Employment and Positions Held:

Higher Education:

Assistant Professor, Department of Physical Therapy - June 2015- Present

Tenure Track, University of Arkansas for Medical Sciences

Chair - Admissions Committee, DPT Program

Chair - Neurology Curriculum, DPT Program

Co-Chair - Get Healthy UAMS Northwest Campus

Fayetteville, AR,

June, 2015 – present

Adjunct Professor, College of Education and Health Professions - September 2018 - Present

University of Arkansas

Fayetteville, AR

September, 2018 - present

Full Time Professor, Department of Physical Therapy Assistant - August 2010 - June 2015

NorthWest Arkansas Community College Physical Therapist Assistant

Program

Bentonville, Arkansas,

August, 2010 – June, 2015

Clinical Experience:

July 2018- current - **Consultant**

J.L. Vincenzo Consulting, LLC

Fall prevention, wound management, higher education, health promotion, older adults, dementia management, health education. Developed statewide fall prevention curriculum for the Center's on Aging in Arkansas. Serve as a consultant for HD Nursing, fall prevention management and care planning. Serve as an expert witness for different legal cases.

March 2016 - current - **Consultant**

Fall prevention implementation in Rehabilitation, Skilled Nursing, and Programs for the All Inclusive Care for the Elderly. Volunteer.

June 2015 – current - **Physical Therapist, prn**

University of Arkansas for Medical Sciences outpatient therapy clinic, Arkansas State Veterans Home, Fayetteville, AR.

Provide inpatient or outpatient physical therapy services for patients at UAMS therapy. Treat patients with neurological disorders and integumentary disorders. Provide wound care to patients at the State Veterans Home.

June 2014 - July 2016 – **Owner, Physical Therapist, Consultant**

Progressive Balance Physical Therapy Bentonville, AR

-Per Diem Physical Therapist and consultant

Russ Physical Therapy Bentonville, AR

-Provided outpatient physical therapy services to patients with balance and gait deficits.

August 2011- June 2014 - **Physical Therapist, per diem**

Maximum Performance Physical Therapy,

Trinity Rehab, Alliance Home Health

Provided coverage for outpatient physical therapy services for patients on a per diem basis when owner/therapist was on vacation.

January 2008-September 2010 - **Physical Therapist, Clinical Instructor**

Acute Rehab, Health South Rehabilitation Hospital Fayetteville, AR

Physical therapist in inpatient rehabilitation. Worked with adults with neurological and orthopedic disorders. Served as clinical instructor for physical therapy students. Supervised physical therapist assistants and techs.

August 2006- May 2008 - **Physical Therapist, Clinical Instructor**

Wound Care, Acute Care, Inpatient Neuro Rehab

Cape Fear Valley Medical Center, Fayetteville, NC

Physical therapist in acute care, inpatient stroke and brain injury rehabilitation, and wound care services. Also supervised physical therapist assistants and techs.

June 2004-May 2006 - **Physical Therapist, Lead Therapist, Clinical Instructor**

Subacute rehabilitation, Carle Arbours/Select Rehabilitation, Savoy, Illinois

Lead physical therapist in subacute rehab. Provided therapy to adults with various neurologic and orthopedic diagnoses. Supervised five physical therapist assistants.

August 2003-May 2004 - **Physical Therapist, Lead Therapist, Clinical Instructor**

Outpatient Neurology/Community Reentry Acute Care, Wound Care

Carle Hospital Champaign, IL

Lead therapist in outpatient neurologic community reentry program working with patients post neurologic insults to integrate into community. Worked with interdisciplinary team. Also provided wound care to outpatients as needed.

December 2003 - May 2003 - Program Coordinator

Elder Horizons Geriatric Program/Inpatient prevention of delirium
Yale-New Haven Hospital, New Haven, CT

Program coordinator for inpatient/hospital evidence-based geriatric delirium reduction program.
Evaluated and enrolled patients, trained volunteers, and worked with interdisciplinary geriatric team.

September 1999- December 2003 - Level II Physical Therapist, Team Leader, Clinical Instructor

Cardiothoracic, General Medicine General Surgery/Trauma, Inpatient Acute Rehabilitation
Neurosurgery/Neurology, Orthopedics, In/Outpatient Pediatrics, Wound care
Yale-New Haven Hospital, New Haven, CT

Physical therapist and clinical instructor for students. Worked in various areas as listed above to provide physical therapy services as indicated.

January 1999 - September 2000 - Physical Therapist

Outpatient and home care
Collette Physical Therapy Yalesville, CT

Physical therapist providing outpatient and home care services to adults.

Peer Reviewed Publications

2019

Vincenzo, J. L., Patton, S.K. (under review after first set of revisions, December, 2018). Older Adults' Experience with Fall Prevention Recommendations Derived from the STEADI. *Health Promotion Practice*.

Nithman, R.W & **Vincenzo, J.L.** (accepted, February, 2019). How steady is the STEADI? Inferential analysis of the CDC fall risk toolkit. *Archives of Gerontology and Geriatrics*. In press.
<https://doi.org/10.1016/j.archger.2019.02.018>

2018

Vincenzo, J. L., Gray, M., & Glenn, J.M. (2018). Validity of a novel, clinically relevant measure to differentiate functional power and movement velocity and discriminate fall history in older adults: A pilot investigation. *Innovation in Aging*, 2(3). In press. DOI: <https://doi.org/10.1093/geroni/igy028>

Noah, S., Gibson-Horn, C., **Vincenzo, J.L.** (epub ahead of print). Four-months wearing a balance orthosis improves measures of balance and mobility among a cohort of community-living older adults. *Journal of Geriatric Physical Therapy*. DOI: 10.1519/JPT.000000000000174

Stone, M.S., Glenn, J.M., Gray, M., **Vincenzo, J.L.** (2018). Comparison of exercise performance in recreationally active and masters athlete women. *Journal of Strength and Conditioning Research*, 32(2), 565-571. DOI: 10.1519/JSC.0000000000002351

2017

Vincenzo, J.L., Gibson-Horn, C., & Gray, M. (2017). Short-Term Effect of BalanceWear Therapy on Mobility in Older Adults with Mobility Limitations. *Journal of Geriatric Physical Therapy*, 40(4), 175-182. DOI: 10.1519/JPT.0000000000000094.

Glenn, J.M., Gray, M. Powers, M., Paulson, S., **Vincenzo, J.L.**, Stone, M.S. (2017). An evaluation of functional sit-to-stand power in cohorts of healthy adults aged 18 – 97 years. *Journal of Aging and Physical Activity*, 25(2), 305-310. DOI: 10.1123/japa.2016-0031

Martin, S., Anderson, B., **Vincenzo, J.L.**, Yousuf-Zai, S.A. (2017). A retrospective comparison of home telehealth and nursing care with or without rehabilitation therapy on rehospitalization rates of individuals with heart failure. *Journal of Cardiopulmonary Rehabilitation and Prevention*. 37(3), 207-213. DOI: 10.1097/HCR.0000000000000221.

2016

Vincenzo, J.L., Glenn, J.M., Gray, S., & Gray, M. (2016). Postural sway, as measured by the sway balance smart device application, does not discriminate between older persons with and without a fall history. *Aging Clinical and Experimental Research*. 28(4), 679-686. DOI: 10.1007/s40520-015-0471-8.

Glenn, J.M., Gray, M. **Vincenzo, J.L.**, Stone, M.S. (2016). Functional lower-body power: A comparison study between sedentary, recreationally active, and masters athlete late-middle aged adults. *Journal of Aging and Physical Activity*, 24(4), 501-507. DOI: 10.1123/japa.2015-0208

Glenn, J. M., Gray, M., Jensen, A., Stone, M. S., & **Vincenzo, J. L.** (2016). Acute citrulline-malate supplementation improves maximal strength and anaerobic power in female, masters athletes tennis players. *European Journal of Sport Science*, 16(8), 1095-1103. DOI: 0.1080/17461391.2016.1158321.

2015

Glenn, J.M., Gray, M., & **Vincenzo, J.L.** (2015). Differences in regional adiposity, bone mineral density, and physical exercise participation based on exercise self-efficacy among senior adults. *Journal of Sports Medicine and Physical Fitness*. 55(10), 1166-1173.

Glenn, J.M., **Vincenzo, J.L.**, Canella, C.K., Binns, A., & Gray, M. (2015). Habitual and maximal dual-task gait speeds among sedentary, recreationally active, and masters athlete late-middle aged adults. *Journal of Aging and Physical Activity*, 23(3), 433-7. DOI: 10.1123/japa.2014-0069

Vincenzo, J.L. (2015). The effect of balance-based torso-weighting on mobility, gait, balance, postural control, and falls efficacy in mobility limited older adults. *Proquest Dissertation Publishing*.

2014

Glenn, J.M., **Vincenzo, J.L.**, Gray, M., Binns, A. (2014). Development of a prediction equation for vertical power in masters level basketball athletes. *International Journal of Exercise Science* 7(2) 199-127.

2012

Glenn, J.M, Cook, I., Di Brezzo, R., Gray, M., & **Vincenzo, J.L.** (2012). Comparison of the Shake Weight modality exercises when compared to traditional dumbbells. *Journal of Science and Sports Medicine*, 11, 703-708.

Peer Reviewed Poster, Platform, and Conference Presentations

2019

Vincenzo, J.L., Gray, M., Glenn, J.M., & Walter, C.S. (Platform - January, 2019) *A clinically applicable measure of functional power and movement velocity discriminates fall history better than the Berg Balance Scale and comparably to the Activities Specific Balance Confidence Scale among community dwelling older adults*. Combined Sections Meeting of the American Physical Therapy Association, Washington D.C.

Neltner TJ, Ramos GC, Grammer EE, Addie CD, Straughn MK, Glenn JM, Gray M, Moyen NE, **Vincenzo JL**, Harmon KK, Brown LE. (Poster -May, 2019). *Examining the learning effect on an isokinetic fatigue test protocol*. ACSM Annual Meeting, Orlando, FL, *Medicine and Science in Sports and Exercise*, 51(5S);, 2019.

Ramos GC, Neltner TJ, Grammer EE, Addie CD, Straughn MK, Glenn JM, Gray M, Moyen NE, **Vincenzo JL**, Harmon KK, Brown LE. (Poster - May, 2019). *Test-retest reliability of an isokinetic fatigue test*. ACSM Annual Meeting, Orlando, FL, *Medicine and Science in Sports and Exercise*, 51(5S);, 2019.

2018

Vincenzo, J.L., Gell, N., Nithman, R.M., & Patton, S.K. (Symposium - October, 2019). *Considerations of the STEADI falls prevention toolkit: adherence, telehealth, and nursing education*. Gerontological Society of America yearly conference, Boston, Ma.

Vincenzo, J.L. & Patton, S.K. (Conference session - May, 2018) – *Staying STEADI in Arkansas: Lessons learned and recommendations on community-based fall risk screening, assessment, and fall prevention*. Arkansas Public Health Conference, Little Rock, AR.

Nithman, R.W, & **Vincenzo, J.L.** (Educational Session –February, 2018). - *How Steady is the STEADI? Interferential Analysis of the CDC Fall Risk Toolkit*. Combined Section Meeting of the American Physical Therapy Association, New Orleans, LA.

Vincenzo, J.L., Bates, K.E., & Osterbur, M. (Poster – March, 2018). *Participation Rates in Community Fall Risk Assessment Based on Facility and Premise*. Student Research Day, University of Arkansas for Medical Sciences, Fayetteville, AR.

Neltner, T.J., Ramos, G.C., Grammer, E.E., Addie, C.D., Straughn, M.K., Glenn, J.M., Gray, M., Moye, N.E., **Vincenzo, J.L.**, Harmon, K.K., Brown, L.E. (February, 2018). Examining the learning effect on an isokinetic fatigue test protocol. Southeast Annual Meeting of the American College of Sports Medicine (ACSM), Greenville, SC.

Ramos, G.C., Neltner, T.J., Grammer, E.E., Addie, C.D., Straughn, M.K., Glenn, J.M., Gray, M., Moye, N.E., **Vincenzo, J.L.**, Harmon, K.K., Brown, L.E. (February, 2018). Test–retest reliability of an isokinetic fatigue test. Southeast Annual Meeting of the American College of Sports Medicine (ACSM), Greenville, SC.

2017

Vincenzo, J.L., Bates, K.E., & Osterbur, M. (Poster - May, 2017). *Participation Rates in Community Fall Risk Assessment Based on Facility and Premise*. Arkansas Annual Public Health Meeting, Little Rock, AR.

Vincenzo, J.L. Gray, S, Glenn, J.M., Yousuf-Zai, S.A., & Gray, M. (Platform - February, 2017). *Functional Lower Body Power and Velocity are Higher in Older Adults without a Fall History*. American Physical Therapy Association Combined Sections Meeting, San Antonio, Tx.

2016

Vincenzo, J.L., Gray, M., & Gibson-Horn, C. (Poster - November, 2016). *BalanceWear Therapy Impact on Functional Mobility among Older Adults with Impaired Mobility*. The Gerontological Society of America's 69th Annual Scientific Meeting, taking place in New Orleans, LA

Gibson-Horn, C., & **Vincenzo, J.L.** (Presentation - March, 2016). *Wear Your Balance Really? BalanceWear Therapy Results in Improved Gait and Balance in Older Adults*. Aging in America Conference, Washington D.C.

Vincenzo, J.L. Gibson-Horn, C., & Gray, M. (Platform - February, 2016). *Balance-based torso-weighting intervention impact on functional mobility among older adults with impaired mobility – a pilot study*. American Physical Therapy Association, Combined Sections Meeting, Anaheim, Ca.

Glenn J.M., Gray, M., Jensen, A., Stone, M.S., **Vincenzo, J.L.** (Poster - February, 2016). *The effects of acute citrulline-malate supplementation on lower-body isokinetic exercise performance in masters-aged female tennis players*. Annual Conference of the Southeast Chapter of the American College of Sports Medicine, Greenville, SC.

2015

Vincenzo, J.L. Gibson-Horn, C., & Gray, M. (Poster - October, 2015). *–The effect of 5 days of Balance-Based Torso-Weighting on mobility-limited, community-dwelling older adults.* American Congress of Rehabilitation Medicine, 92nd Annual Conference, Dallas, Tx.

Stone, M.S., Glenn, J.M., Gray, M., Jensen, A., & **Vincenzo, J.L.**
(Poster - October, 2015). *Comparison of power output and fatigue index in recreationally active and masters' athlete females.* Central States American College of Sports Medicine Annual Meeting, Warrensburg, MO.

Vincenzo, J.L. Glenn, J.M., Gray, S., & Gray, M. (Platform - February, 2015). *Postural sway, as measured by the sway balance smart device application, does not discriminate between older persons with and without a fall history.* American Physical Therapy Association Combined Sections Meeting, Indianapolis, IN.

2014

Vincenzo, J.L. Gray, S., Glenn, J.M., & Gray, M. (Poster - November, 2014). *Differences in self-reported physical activity among community-dwelling fallers and non-fallers.* Gerontological Society of America Annual Meeting, Washington, D.C.

Glenn, J.M., Binns, A., **Vincenzo, J.L.**, & Gray, M. (Poster - November, 2014). *Development of Prediction Models for Sit-to-Stand Lower-Body Power and Velocity in Older Adults.* Gerontological Society of America Annual Meeting, Washington, D.C.

Gray, M., Binns, A.P., Glenn, J.M., **Vincenzo, J.L.**, & Paulson, S. (Poster - November, 2014). *Relationship of sarcopenia and functional fitness among community-dwelling older adults.* Gerontological Society of America Annual Meeting, Washington, D.C.

2013

Vincenzo, J.L., Binns, A.P., Gray, M., Paulson, S., & Glenn, J.M. (Poster - November, 2013). *Differences in muscle activation and postural sway between older and younger adults.* Gerontological Society of America's 66th Annual Scientific Meeting, New Orleans, LA.

Glenn, J.M., **Vincenzo, J.L.** Cannella, C., Gray, M., & Smith, K. (Poster - November, 2013). *Habitual and maximal gait speeds during single and dual-tasks among sedentary, recreationally active, and masters athlete older adults.* Gerontological Society of America's 66th Annual Scientific Meeting, New Orleans, LA.

Smith, K., Glenn, J.M., Gray, M., **Vincenzo, J.L.** & Cannella, C. (Poster - May, 2013). *Lower body power and velocity among sedentary, recreationally active, and masters athlete older adults.* Central States American College of Sports Medicine Annual Meeting, Warrensburg, MO

2012

Glenn, J.M, Cook, I., Di Brezzo, R., Gray, M., & Vincenzo, J.L. (Poster - May, 2012). *Comparison of the Shake Weight® Modality exercises to traditional dumbbells*. Central States American College of Sports Medicine Annual Meeting, Columbia, MO

Invited Speaking Engagements

2018

Invited Speaker - American Physical Therapy Association Academy of Geriatric Physical Therapy State Advocate Meeting

Engaging Local and State Stakeholders in National Fall Prevention Awareness Day

Invited Speaker - Fall Prevention - - Centers on Aging in Arkansas - *Educating the community educators on fall prevention project implementation*

Invited Speaker - Annual Geriatrics and Long Term Care Conference, UAMS
Novel Treatments for Balance among Older Adults.

Invited Speaker - Rehab Roundups - Interactive Interprofessional Round Table
Implementation of Fall Prevention/Management, HD Nursing

Invited Speaker - Journal Club of the Balance and Falls Special Interest Group of the Academy of Geriatric Physical Therapy
Four-months Wearing a Balance Orthosis Improves Measures of Balance and Mobility among a Cohort of Community-Living Older Adults

Invited Speaker - University of Arkansas Nursing
Fall Risk Screening and Assessment Using the STEADI

Invited Lecturer - University of Arkansas, Fayetteville, AR
Exercise Science Seminar – *Physical Therapy as a Profession*

2017

Invited Speaker - Arkansas Geriatric Education Collaborative (AGEC) - Summer Institute for Faculty, University of Arkansas for Medical Sciences, (May, 2017)
Outpatient Management of Falls in Older Adults

Invited speaker – Kansas Physical Therapy Association Yearly Meeting.
-One Size Does Not Fit All: Deciphering Which Tests and Measures Optimize Functional Assessments and Outcomes
- Current Evidence on Improving Balance and Decreasing Falls in Older Adults

Invited speaker - Geriatric Grand Rounds - University of Arkansas for Medical Sciences, Little Rock, AR
Postural Control in Older Adults: Impairments and Interventions

Invited Lecturer - University of Arkansas, Fayetteville, AR
Exercise Science Seminar – *Physical Therapy as a Profession*

2016

Invited Speaker - Center for Distance Health, Arkansas Geriatric Education Collaborative and UAMS
Reynolds Institute on Aging
Falls and Older Patients: Inpatient and Outpatient Management

Invited Speaker - Arkansas Physical Therapy Association Yearly Conference, Little Rock, AR
Balance and Postural Control in Older Adults

Invited Speaker - Arkansas Geriatric and Long Term Care Conference, Little Rock, AR
Best Practices in Post-Stroke Rehabilitation

Invited Speaker - Johns Hopkins School of Public Health - Seminar in collaboration with Green and
Healthy Homes Initiative & Civic Works
Best Practices for Community Based Fall Prevention and Treatment for Older Adults

Invited Speaker - Arkansas Geriatric Education Collaborative (AGEC) Summer Institute for Faculty,
University of Arkansas for Medical Sciences
Physical Therapy to Promote Mobility and Prevent Falls in Community Dwelling Older Adults

Invited Lecturer - University of Arkansas, Fayetteville, AR
Exercise Science Seminar – *Physical Therapy as a Profession*

2015

Invited Lecturer - University of Arkansas, Fayetteville, AR
Exercise Science Seminar – *Physical Therapy as a Profession*

Invited Presenter/Facilitator -Northwest Arkansas Stroke Support Group, Rogers, AR
Increasing physical activity and decreasing sedentary activity after stroke

Invited Presenter - Adult Wellness Center, Rogers, AR
Exercise and osteoporosis in older adults

2014

Co-developer and Presenter - NorthWest Arkansas Community College, Bentonville, AR
Functional Reporting Basics and Functional Testing in Older Adults - CEU approved by Arkansas
Physical Therapy Association

Presenter – Adult Wellness Center, Rogers, Arkansas
Exercise to Improve Circulation

2013

Presenter - Schmieding Center, Springdale, AR

Exercise to Improve Circulation

2012

Presenter - Celebrate Learning for Faculty, Northwest Arkansas Community College

The Use of Google Reader to Stay Current on Information in Your Industry

2010-11

Presenter - Rogers High School, Rogers AR

Health Careers for High School Students

2008

Guest lecturer and clinical educator - Fayetteville Technical Community
College PTA program, Fayetteville, NC

Wound care

Neurological Rehab

Guillan Barre, Post-polio, ALS

2007

Clinical Instructor - Fayetteville Technical Community PTA Program

Stroke Rehab

Wound Care

2003

Guest Lecturer - Carle Hospital High School Outreach Program, Champaign, IL

2002

Guest Lecturer - High School Outreach Program, Yale-New Haven Hospital, New Haven, CT

2000

Lecturer - Pre-operative Total Joint Replacement Class - Yale-New Haven Hospital, New Haven

2001

Teacher's Assistant - Quinnipiac University anatomy lab, Hamden, CT

Funded/In Review Grant Activity:

2019

Administration for Community Living 2019 Evidence-Based Falls Prevention Program Grant
HHS-2019-ACL-AOA-FPSG-0312 – Assisted Department of Health in Arkansas on Grant Revisions
(\$600,000) – submitted January, 2019.

2018

Pilot project – University of Arkansas for Medical Sciences Reynolds Center Grant – PI - \$40,000
(accepted but main grant not received by UAMS)
The effects of high velocity TRX training and protein supplementation on function and fall risk in older adults.

2017

University of Arkansas Collaborative Research Grant – co-investigator - \$3,000
Serum myostatin, IGF-1 and insulin as biomarkers of sarcopenia: proof of concept.
Dec, 2017 – Dec 2018

2016

Fellow, Arkansas Geriatric Workforce Enhancement Program
\$40,000 x 1 year
Fellowship/Junior Faculty Development Award to enhance geriatric skills and conduct a project on the use of the STEADI for fall risk assessment
Geriatric Workforce Enhancement Program
Health Resources and Services Administrations, DHHS
University of Arkansas for Medical Sciences

2015

Adopt-A-Doc Award – APTA Academy of Geriatric Physical Therapy
\$2,000 x 1 year
The Section on Geriatrics Adopt-A-Doc program recognizes outstanding doctoral students committed to geriatric physical therapy, and support them in pursuing faculty positions in physical therapy education.

2014

Co- PI - Funding for Dissertation
\$10,000
Dissertation/Research – The Effects of Balance-Based Torso-Weighting and Function among Older Adults Country Meadows Retirement Facilities, Harrisburg, Pa.

Adopt-A-Doc Award – APTA Academy of Geriatric Physical Therapy
\$2,000 x 1 year

The Section on Geriatrics Adopt-A-Doc program recognizes outstanding doctoral students committed to geriatric physical therapy, and support them in pursuing faculty positions in physical therapy education.

Grants submitted but not funded

Internal KL2 Award - The overall goal of the postdoctoral KL2 Mentored Research Career Development Scholar Award Program is to increase the number and quality of independently funded clinical and translational research investigators. 2017, unfunded.

Center on Health Services Training and Research (CoHSTAR) part time faculty fellowship - Part time, faculty fellowship opportunities (1 or 2 years) are available at our three participating institutions. Faculty fellows will retain their faculty appointments at their home institutions, while utilizing CoHSTAR support to maximize their protected time for research activities. Research fellows will be paired with a CoHSTAR site and faculty mentor or mentoring team. 2017, unfunded.

UAMS Translational Research Institute Pilot Award. 2017, unfunded.

UAMS Translational Research Institute Pilot Award. 2016, unfunded.

National Institute of Aging R21 grant – co-investigator. 2016, unfunded.

Butler Williams Scholars Program - provides unique opportunities for junior faculty and researchers who are new to the field of aging to gain insight about research on aging from a number of perspectives. 2016, unfunded.

Butler Williams Scholars Program - provides unique opportunities for junior faculty and researchers who are new to the field of aging to gain insight about research on aging from a number of perspectives. 2015, unfunded.

Current/Active Research Activity:

2019-

Currently in progress

-Primary investigator - University of Arkansas for Medical Sciences; Fall prevention behaviors of older adults after attending an open fall risk assessment (unfunded)

-Co-Investigator, University of Arkansas for Medical Sciences; Visual-spatial function as a predictor of falls among older adults (internal funding with colleague)

In planning stages

-Primary Investigator, University of Arkansas for Medical Sciences

Exploratory investigation on community educators perceptions of a statewide fall prevention program in Arkansas

-Primary Investigator, University of Arkansas for Medical Sciences

The family model of fall prevention (seeking for funding to apply – external)

Membership in Scientific/Professional Organizations:

American Physical Therapy Association (APTA) - 1998 - current

-Education Section

-Neurology Section

Stroke Special Interest Group

Balance and Falls Special Interest Group

-Research Section

-Electrophysiology and Wound Management Section

Wound Management Special Interest Group

-Academy of Geriatrics Section

Health Promotion Special Interest group

Balance and Falls Special Interest group

Research Special Interest group

Positions Held – American Physical Therapy Association:

- Chair - Balance and Falls Special Interest Group – Academy of Geriatric Physical Therapy - Serve SIG members and promote fall prevention efforts nationally. Support relationships with CDC, National Council on Aging and Academy on fall prevention (2019 – 2021).

-Task force member – National Council on Aging/Academy of Geriatric Physical Therapy Task Force – develop educational materials for physical therapists, older adults, public health officials and community partners on effective partnerships, falls prevention, chronic disease self-management education, and aging well. (2019-2020)

-State Advocate - for Geriatric Physical Therapy, Arkansas (2015- current) – serve as state resource on issues related to geriatrics and physical therapy, promote advancement of geriatric physical therapy in the state. Serve as mentor for other state advocates on stakeholder engagement.

-Reviewer - Academy of Geriatric Physical Therapy Adopt A Doc Applicants and awards (2015 – current)

-Reviewer – Academy of Geriatric Physical Therapy Abstracts (2017 - current)

-Invited Regional Item Writer – Geriatric Clinical Specialist Exam, American Board of Physical Therapy Specialties (2016)

-Work Group/Member, Balance and Falls Systematic Review of Outcomes Measures (2017)

-Member – Communications Committee – Academy of Geriatric Physical Therapy (2017 – current)

-Member - Programming Committee, Connecticut Physical Therapy Association 2000

American Congress of Rehabilitative Medicine – 2015 - current

Geriatric Rehabilitation group member

Neuroplasticity group member

Position Held: -Chair - Geriatrics Group Programming Committee (2016)

Gerontological Society of America - 2013 - current

Health Sciences Section member

Emerging Scholars and Professionals member

Consultative and Advisory Positions:

-State Advisory Board Member - Appointed - Governor's Advisory Council on Aging - State of Arkansas (2018-current)

-Member - Arkansas State Falls Coalition - 2018-current

-Consultant - Centers on Aging in Arkansas - Statewide fall prevention program (2018)

-Consultant – HD Nursing /HD Falls Program,– fall prevention/management across the continuum of care –National (2018-current)

-Advisory Board Member – Emergency Medical Technician and Paramedic Programs – Northwest Arkansas Community College (2018-current)

-Consultant –Development of a Program of All-Inclusive Care for the Elderly (PACE) – Northwest Arkansas (2017-current)

-Faculty Advisor – Student Special Interest Group, ArAPTA, University of Arkansas for Medical Sciences (2016-current)

-Consultant –Hospital Falls Committee and Home Based Primary Care - Veterans Hospital of Northwest Arkansas (2016-current)

-Consultant - Development of Falls Clinic at UAMS main campus.

-Consultant –Community-Based Fall Prevention, Northwest Corridor Trauma Advisory Council (2016-current)

-Advisory Board Member - University of Arkansas Department of Physical Therapy (2015-current)

-Consultant/Expert witness – 2 separate trials - for prosecution, regarding geriatric physical therapy –both trials settled out of court (2014-2016)

-Advisory Board Member - NorthWest Arkansas Community College Physical Therapy Assistant Program (2010-current)

-Advisory Board Member – Communications, Cape Fear Valley Medical Center (2007-2008)

-Consultant/Advisor –Therapy Dog Certification Team, Carle Hospital (2003-2005)

-Coordinator – Rehab department volunteer – Yale-New Haven Hospital (2002-2003)

-Coordinator – Rehab department blood drive committee – Yale-New Haven Hospital (2001-2003)

Service to University/College/Community:

-- University of Arkansas for Medical Sciences – Northwest Campus - Co-chair, UAMS NW Get Healthy Committee (2018 – current)

- University of Arkansas for Medical Sciences – mentor and judge for student research day IPE triple aim projects (2018)

- University of Arkansas for Medical Sciences – facilitator – IPE – medical errors, mindfulness (2017 - current)

-University of Arkansas for Medical Sciences – faculty mentor – student-led Marshallese IPE clinic – (2017-2018)

-University of Arkansas for Medical Sciences – member - IPE advisory board - (2017-2018)

-University of Arkansas for Medical Sciences Scholarship Committee Member – (2016-2018)

-Arkansas Geriatric Education Collaborative Fellow, Member – (2015-current)

- Northwest Corridor Trauma Advisory Council, Consultant- (2016- 2017)

-University of Arkansas for Medical Sciences Department of Physical Therapy

Chair - Admissions Committee - (2015-current)

Chair - Neurology Curriculum - (2015-current)

Member - Curriculum Committee - (2015-current)

Member - Scholarship Committee (2018-current)

-University of Arkansas Institutional Review Board - Graduate Student Representative (2014-2015)

-NorthWest Arkansas Community College Institutional Review Board -Member - (2012-2015)

-NorthWest Arkansas Community College Department of Allied Health and Physical Therapy Assistant Program – Member - Hiring Committee (2012-2012)

-NorthWest Arkansas Community College – Faculty Pay Scale Committee Member- (2011-2012)

-Yale- New Haven Hospital

High School Outreach (2001-2003)

Volunteer Committee Coordinator- (2002-2003)

Blood Drive Committee Coordinator- (2002-2003)

Community Service:

-Assistant Coach – Boys Lacrosse – Northwest Arkansas Classical Academy (2017 – current)

-Head Coach – Girls Lacrosse – Northwest Arkansas Classical Academy (2017-2018)

-Guest speaker - Northwest Arkansas Classical Academy - The Human Body (every semester, 2015-current)

-Volunteer Presenter on Geriatric and Neurology Topics in the Community, Arkansas, State-wide, (2010-current)

-Volunteer - Rampy Multiple Sclerosis Research Foundation – (2013- current)

-Captain, multiple women's competitive tennis teams - United States Tennis Association, Northwest Arkansas (2010-2015)

-Coordinator, playgroup - Northwest Arkansas Moms and More Club, (2009-2010)

-Teacher, Vacation Bible School, Rogers, Arkansas, (2009-2010)

- Assistant Coach, Northwest Arkansas Girls Lacrosse Team, (2009-2010)

-Facilitator, Central Illinois Brain Injury Support Group, Carle Hospital, (2003-2006)

Honors and Awards:

Award - University of Arkansas for Medical Sciences Phenomenal Woman Award - Nominated by peers (2019)

Nominated – Endowed Chair of Aging, UAMS Northwest Campus – Nominated by Vice Chancellor - (2019)

Nominated- Distinguished Geriatric Educator Award - Academy of Geriatric Physical Therapy – Nominated by peers (2019)

Nominated- Participation in program of executive coaching for career development – Nominated by Associate Dean of UAMS College of Health Professions - 2018-2019

Award - Fellowship/Junior Faculty Development:

Geriatric Workforce Enhancement Program, Health Resources and Services Administrations, DHHS, University of Arkansas for Medical Sciences, Donald W. Reynolds Institute on Aging, 2015 – 2016

Award - Adopt-A-Doc

Academy of Geriatric Physical Therapy, 2015

Award - Adopt-A-Doc

Academy of Geriatric Physical Therapy, 2014

Award - Best Poster - Emerging Scholars and Professionals Organization

Gerontological Society of America 66th Annual Scientific Meeting, New Orleans, 2013

Honor/Award - Outstanding Doctoral Student in Exercise Science

University of Arkansas, 2012-2013

Honor/Award - Division I Academic All American Honorable mention - North East Conference

Women's Lacrosse Quinnipiac College/University, 1998

Continuing Education Attended: (most recent 5 years)

2019

- o *Motor Control and Motor Learning in Older Adults - Webinar*, Arkansas Geriatric Education Collaborative 3/11/2019 (2 hrs)

- o *Combined Sections Meeting*, Annual Conference of APTA Washington, DC January, 2019 (20 hrs)

2018

- o *Gerontological Society of America Yearly Meeting*, Boston, MA (21 hours)

- o *Falls and Brain Injuries among Older Adults - Part 1 Webinar* - National Council on Aging (NCOA) and National Association of State Head Injury Administrators (NASHIA) 10/19/2018 - 1.5 hours

- o *Home Safety and Modifications Webinar Part 1* - National Council on Aging (NCOA) and USC Leonard Davis School of Gerontology 10/31/18 - 1 hr

- o *Grant Writing for Community-Based Research* - 11/2/2018 - 1 hour live interactive IVN - UAMS

- o *Writing for Publication* - 11/6/2018 - 4 hour live interactive IVN - UAMS

- o *Debridement Options: BEAMS Made Easy* – 10/4/2018 – 1 hour live webinar
Wound Care Education Institute

- o *Certified Dementia Practitioner Course* – Schmieding Center, Springdale, AR. (7 hrs)

- o *Liason/Webadmit training – Reviewing and Scoring Applicants*, Atlanta, Ga. (8 hrs)

- o *Lessons Learned from PT to Patient – Creating a Culture of Teamwork in Rehab* – UAMS (1 hr)

- o *Arkansas Public Health Conference*, Little Rock, AR (21 hrs)

- o *Combined Sections Meeting*, Annual Conference of APTA (20 hrs)
New Orleans, LA

- o *Holistic Admissions - Preconference at Combined Sections Meeting*, Annual Conference of APTA (8 hrs)

2017

- o *Arkansas Public Health Association Yearly Meeting* (11 hrs)
Little Rock, AR
- o *oPTimize 3rd Annual Arkansas Physical Therapy Association Conference*, Fayetteville, AR, (2 days)
- o *The Ultimate Hands on Wound Care Course*, (8 hrs)
PESI, Fayetteville, AR
- o *Overview of SCI Management in Physical Therapy* (2 hrs)
UAMS Connecting across Professions, video teleconference
- o *Joint Replacement and Older Adults* (2 hrs)
Collaborative Video Teleconference, Arkansas Geriatric Education
- o *Combined Sections Meeting*, Annual Conference of APTA (20 hrs)
San Antonio, Tx.
- o *Exercise for people with Parkinson's disease* (1 hr interactive webinar)
American Council on Active Aging

2016

- o *InSTEP online training for International Standards for the Classification of Spinal Cord Injury, International Autonomic Standards for the Classification of Spinal Cord Injury* (~ 8 hrs, online, self-paced)
American Spinal Injury Association
- o *ATSDR Amyotrophic Lateral Sclerosis (ALS) Registry Online Training Module*
Center for Disease Control (2 hrs)
- o *oPTimize 2nd Annual Arkansas Physical Therapy Association Conference*, Little Rock, (2 days)
- o *Management of Inpatient and Outpatient Falls in Older Adults*, Arkansas Geriatric Education Center, Little Rock, September, 2016 (2 hrs)
- o *17th Annual Geriatrics and Long Term Care Update Conference* (8 hrs)
University of Arkansas for Medical Sciences and Arkansas Geriatric Education Center
- o *American Society on Aging Annual Conference and Leadership Institute* (4 days)
Washington, D.C.
- o *Combined Sections Meeting, American Physical Therapy Association* (19 hrs)

Anaheim, CA.

- o *Collaborative Institutional Training Initiative Human Subjects Research (self-paced)* Online course, 2016

- o *Webinars and Learn on Demand - University of Arkansas for Medical Sciences – (1-2 hrs each)*
- o Introduction to Palliative Care
- o Diagnosis and Management of Memory Loss in Older Adults
- o Advanced Directives
- o Senior Moments or Serious Illness? Diagnosis and Management of
- o Memory Loss in Older Adults
- o Patient Safety: CarFit and Low Vision – Older Adults
- o To Friend or Not to Friend: Legal Issues Associated with Social Media, E-mail, and your Computer

2015

- o *American Congress of Rehabilitative Medicine 92nd Annual Meeting, (3 days)*
Dallas, TX

- o *Clinical Education for Generation Y (2 hrs)*
UAMS, Fayetteville, AR

- o *Combined Sections Meeting, American Physical Therapy Association (19 hrs)* Indianapolis, IN

- o *Collaborative Institutional Training Initiative Human Subjects Research*

- o *STEADI Training for Healthcare Providers (3 hrs)*
Online training by CDC

- o *Webinars or Learn on Demand - University of Arkansas for Medical Sciences (1-2 hrs each)*
- o Bladder Management for Adults with SCI
- o Introduction to Grief in Children
- o Plain Languages Best Practices
- o Management of Altered Mental Status in Patient with Post TBI

2014

- o *Balance-Based Torso-Weighting Course Motion Therapeutics (15 hrs)*
Philadelphia, PA

- o *Using Client-Centered Practice & Patient-Reported Outcomes (2 hrs)*
Online - Rehabilitation Institute of Chicago Webinar

- o *Combined Sections Meeting, APTA (19 hrs)*
Las Vegas, Nevada

Courses Developed and Taught

University of Arkansas for Medical Sciences - Doctor of Physical Therapy

2015	PHTH 5123 Movement Science 1 (Biomechanics and MS Gait)
2015	PHTH 5131 Introductory PT skills
2016-Present	PHTH 5105 Neuroscience in Physical Therapy
2016-Present	PHTH 5252 Neuromuscular Disorders II (Adult)
2016-2017	PHTH 5124 Movement II (Growth and Development)
2016	PHTH 5125 Movement Science III (Motor Control)
2016	PHTH 5212 Pathophysiology II (Neuromuscular Disorders)
2017-Present	PHTH 5253 Neuromuscular Disorders III (Geriatrics)
2017-Present	PHTH 5262 Integumentary Disorders
2017-Present	PHTH 5377 Research Project
2017-Present	PHTH 5387 Directed Study
2017	PHTH 5283 Clinical Reasoning IV
2018-Present	PHTH 5336 Health Promotion and Wellness

Courses Revised and Taught

NorthWest Arkansas Community College - Physical Therapist Assistant Program

2010-2015	PHTA 2252 Life Span Development
2010-2015	PHTA 2283 Physical Therapy Procedures I
2010-2015	PHTA 2202 Physical Therapy Procedures I Lab
2010-2015	PHTA 2213 Pathophysiological Conditions
2010-2015	PHTA 2301 Physical Therapy Procedures II
2010-2015	PHTA 2302 Physical Therapy Procedures II Lab
2010-2015	PHTA 2391 Neurophysiology
2010-2015	PHTA 2392 Neurophysiology Lab
2010-2015	PHTA 2332 Special Topics
2011-2015	PHTA 2114 Basic PT Tests and Measures
2011-2015	PHTA 2112 Basic PT Tests and Measures Lab

Courses Mentored for Junior or New Faculty

University of Arkansas for Medical Sciences - Doctor of Physical Therapy

2016-2017	PHTH 5123 Movement Science 1 (Biomechanics and MS Gait) -Sahana Kamuth
2016-2017	PHTH 5131 Introductory PT skills -Heather Vaughn

-Chris Walter

2017-2018	PHTH 5124 Movement Science II (Growth and Development) -Sahana Kamuth
2017-2018	PHTH 5125 Movement Science III (Motor Control) -Chris Walter
2017-2018	PHTH 5212 Pathophysiology II (Neuromuscular Disorders) -Sahana Kamuth -Chris Walter
2017	PHTH 5283 Clinical Reasoning IV -Chris Walter
2017-2018	PHTH 5234 Mobility & Assistive Equipment -Sahana Kamuth -Sheila Wilkerson
2018-2019	PHTH 5261 Cardiovascular and Pulmonary Disorders -Michelle Gray

Clinical Education

University of Arkansas for Medical Sciences - Doctor of Physical Therapy

1. Developed weekly clinical objectives and expectations based on course and lab work for year 1 and 2 courses taught. This information was sent to clinical instructors to guide students in integrated clinical experiences.
2. Developed guide for clinical internships for information taught in curriculum in regards to courses taught.
3. Developed objectives, expectations, and outcome measures with Director of Clinical Education for Clinical Experience II and III (Neurologic and Acute Care).
4. Conducted site visit for Director of Clinical Education.
5. Served as a faculty mentor for the North Street Student-Led Clinic.
6. Assisted with developing remediation plans with Director of Clinical Education for students who did not successfully pass a clinical.
7. Developed and implemented individualized remediation plans for students who did not successfully pass lab practicals or leveling exams.

NorthWest Arkansas Community College - Physical Therapist Assistant Program

1. Served as a faculty mentor for summer Clinical Education Experience.
2. Developed and implemented individualized remediation plans for students who did not successfully pass lab practicals or comprehensive exams.

3. Developed and implemented more clinical lab experience in lab-based coursework.

Interprofessional Education

University of Arkansas for Medical Sciences

1. Completed Interprofessional Education (IPE) simulation facilitator training
2. Served as IPE facilitator for all Northwest campus simulation events
3. Served as faculty mentor and judge for student research day IPE triple aim projects
4. Served as faculty mentor at student-led interprofessional North Street Clinic
5. Member of IPE Advisory Board (2018)