

CURRICULUM VITAE

Jill Jumper, PT, DPT, Ph.D.
Board Certified in Geriatric Physical Therapy
Certified Lymphedema Therapist
8882 County Road 306
Abilene, Texas 79601
817-357-0943
Hardin-Simmons University
College of Health Professions
Department of Physical Therapy

Education:

Texas Women's University
Houston, TX
2019-2022
Physical Therapy
Degree Received: Ph.D.

Hardin-Simmons University
Abilene, TX
2006-2008
Physical Therapy
Degree Received: DPT

Hardin-Simmons University
Abilene, TX
2000-2002
Physical Therapy
Degree Received: MPT

Abilene Christian University
Abilene, TX
1991-1995
Elementary Education
Degree Received: BS

Licensure Information:

Texas Physical Therapy License Texas #1149191

Certifications:

American Board of Physical Therapy Specialists:
Certified Clinical Specialist in Geriatrics, 06/2017

Texas Consortium for Physical Therapy Clinical
Education Certified Clinical Instructor, 10/2016

Academy of Lymphatic Studies: Certified Lymphedema
Specialist, 05/2007

Provider Numbers:

NPI: 1609068121

Employment and Positions Held:

Academic Appointments:

Program Director
Associate Professor
Doctor of Physical Therapy Program
Hardin-Simmons University
Abilene, Texas
May 2023-Present

Interim Program Director
Assistant Professor
Doctor of Physical Therapy Program
Hardin-Simmons University
Abilene, Texas
Sept 2022-May 2023

Assistant Professor
Doctor of Physical Therapy Program
Hardin-Simmons University
Abilene, Texas
2018-2022

Director of Clinical Education
Assistant Professor
Doctor of Physical Therapy Program
Hardin-Simmons University
Abilene, TX
2017-2018

Director of Clinical Education
Associate Professor
Physical Therapist Assistant Program
Weatherford College
Mineral Wells, TX
2015-2017

Clinical Employment:

West Texas Rehabilitation Center
Staff Physical Therapist PRN
May 2022-Current

Hendrick Medical South
Staff Physical Therapist PRN
Aug 2017-Aug 2022

Glen Rose Medical Hospital-
Staff Physical Therapist PRN

Feb 2017-July 2017

Lee Healthcare-
Staff Physical Therapist
July 2011-July 2015

Encompass Home Health-
Staff Physical Therapist
May 2010-July 2011

Integracare Home Health-
Staff Physical Therapist
Aug 2008-May 2010

Select Physical Therapy-
Staff Physical Therapist
Nov 2006-Dec 2008
Guardian Home Healthcare-
Staff Physical Therapist
July 2005-Nov 2006

Harris Methodist Fort Worth-
PRN Physical Therapist
June 2005-Aug 2005

Cleburne Physical Therapy-
Staff Physical Therapist
Feb 2005-July 2005

Ellis Rehabilitation-
Supervising Physical Therapist
Jan 2003-Feb 2005

Peer Reviewed Publications:

Bane A, Wilson L, **Jumper J**, Spindler L, Wyatt P, Willoughby D. Effects of Blood Flow Restriction Resistance Training on Autonomic and Endothelial Dysfunction in Persons with Parkinson's Disease. *J Parkinsons Ds*. Accepted for publication, March 27, 2024. DOI: 10.3233/JPD-230259

Jumper J, Gleeson P, Mitchell K, Factors Influencing Intent to Stay for Faculty in Physical Therapist Education Programs: A Mixed-Methods Analysis. *Journal of Physical Therapy Education*. February 23, 2024. DOI: 10.1097/JTE.0000000000000334.

O'Connell D, **Jumper J**, Hicks, Brad, Klostermann B, Carl C, Bell C. Prevalence of Elevated Pulse Pressure and Hypertension in Adults Participating in Outpatient Physical Therapy. *Cardiopulmonary Physical Therapy Journal* 34(3):p 133-140, July 2023. | DOI: 10.1097/CPT.0000000000000223

Peer Reviewed Scientific and Professional Presentations:

Jumper J, Bailes K, Cortez L, Matocha C. Effects of Personalized Blood Flow Restriction on Vastus Medialis Oblique (VMO) Muscle Thickness, Insertion Angle, and Pennation Angle. Hardin-Simmons University Scientific Inquiries, Mar 1, 2024.

MacIntyre C, Armstrong M, **Jumper J**, Tammany J, O'Connell D. Discordance Among Expectations of Patients with Low Back Pain and Clinician Beliefs: A Cross-sectional Survey. APTA Combined Sections Meeting, Boston, MA, Feb 16, 2024.

Anemaet W, **Jumper J**. Jump in! Jump Training for Older Adults. San Diego, CA Feb 24, 2023.

Jumper J, Handlery K. Should I Stay or Should I Go? Clinician Attrition and Faculty Retention. Education Leadership Conference, Milwaukee, WI Sept 29, 2022.

Jumper J, Herbal S, Johnson P, Kiser M, Yowel K, Stewart T. The Effects of a Vibratory Metronome on Arm Swing During a Ten-Meter Walk Test. Hardin-Simmons University Scientific Inquiries, Abilene, Texas, March 4, 2022.

Jumper J, O'Connell D, Pitts-Richardson C, Shaffer E, Acute Effects of BFR Therapy with 100% Occlusion on VMO Muscle Thickness and Insertion Angle (poster). APTA Combined Sections Meeting, San Antonio, Texas, Feb 4, 2022.

O'Connell D, Higgins S, **Jumper J**, The Impact of Disposable Masks on Pulmonary Lung Function in Young Adults (poster). APTA Combines Sections Meeting, San Antonio, Texas Feb 4, 2022.

Jumper J, Bird M, Cleveland J, Faber M, Johnston M, Roberts M, Using the Recognise Laterality Application to Predict Hoehn and Yahr Stage on the Unified Parkinson's Disease Rating Scale (poster), TPTA Conference, Oct 29, 2021.

Jumper J, Bird M, Cleveland J, Faber M, Johnston M, Roberts M, Using the Recognise Laterality Application to Predict Hoehn and Yahr Stage on the Unified Parkinson's Disease Rating Scale, Hardin-Simmons University Scientific Inquiries, Mar 12, 2020.

Jumper J, O'Connell D. Elevated Resting Pulse Pressure and Blood Pressure in Patients Receiving Outpatient Physical Therapy (poster). Next Conference, Phoenix, AR June 4, 2020.

Jumper J, Glover A, Jordan D, James Z. Musically Cued Gait-Training Improves Perceptual and Motor Timing in Parkinson's Disease. Hardin-Simmons University, Abilene, Texas, March 6, 2020.

Jones A, Smith E, Bane A, Wilson L, Edwards L, **Jumper J**, Teel S, Walls D, Smallwood M, Improvements in Markers of Fragility after 8-weeks of Resistance Training with Instability and/or Cadence Walking in Persons with Mild to Moderate Parkinson's Disease (poster), Texas ACSM Conference, February 20, 2020.

Sipes R, Condor E, Bane A, Wilson L, **Jumper J**, Edwards L, Walls D, Teel S, Smallwood M, Improvements in the 8-Dimensions of the Parkinson's Disease Quality of Life Questionnaire after 8

weeks of Resistance Training with Instability and/or Cadence Walking in Persons with Mild to Moderate Parkinson's Disease (poster), Texas ACSM Conference, February 20, 2020.

Elizondo J, Shields A, Bane A, Wilson L, Edwards L, Walls D, **Jumper J**, Teel S, Smallwood M, Improvements in Bilateral Differences in Lean Mass and Strength in Persons with Parkinson's Disease Presenting Unilateral Motor Symptoms (poster), Texas ACSM Conference, February 20, 2020.

Jumper J, O'Connell D. Blood Pressure-A Truly Important Vital Sign. Hardin-Simmons University, Abilene, Texas, September 10, 2019.

Jumper J, Brock H, Cook S, Graves C, Wong N. Physical Therapy Clinical Instructor Impressions of Student Video Vs Paper Bio-sketches in Clinical Education Settings. Hardin-Simmons University Scientific Inquiries, March 8, 2019.

Jumper J, Bancroft D, Blackmon P, Swanson B, Whipple H. The Relationship Between Laterality and Cervical Spine Dysfunction. Hardin-Simmons University Scientific Inquiries, March 7, 2019.

Clark C, Jones A, Wilson L, Bane A, Edwards L, **Jumper J**, Wells D, Teel S, Smallwood M. Improvements in Markers of Fragility and Motor Function after 8-weeks of Resistance Training with Instability and/or Cadence Walking in Persons with Mild to Moderate Parkinson's Disease (poster). Texas ACSM Conference, March 1, 2019.

Martin C, Haley J, Wilson L, Bane A, Teel S, **Jumper J**, Wells D, Edwards L, Smallwood M. Improvements in Disease Rating Scale after 8-weeks of Resistance Training with Instability and/or Cadence Walking in Persons with Mild to Moderate Parkinson's Disease (poster). Texas ACSM Conference, March 1, 2019.

Jumper J, Miller M. Clinical Instructor Education Course through the Texas Consortium, Part II. Hardin-Simmons University, Abilene, Texas, Sept 21, 2018.

Miller M, **Jumper J**. Clinical Instructor Education Course through the Texas Consortium, Part II. Texas Tech University, Amarillo, Texas, July 20, 2018.

Jumper J. Getting the Older Adult Moving. Hardin-Simmons University, Abilene, Texas, March 6, 2018

Funded/In Review Grant Activity

Mary Hill Davis Offering for Texas Missions. Grant to support HSU DPT Missions, Aug 2021, 2022.

Current/Active Research Activity:

Primary Investigator: Effects of Personalized Blood Flow Restriction on Vastus Medialis Oblique (VMO) Muscle Thickness, Insertion Angle, and Pennation Angle.

Primary Investigator: Factors Influencing Intent to Stay in Physical Therapy Faculty.

Primary Investigator: The Effects of a Vibratory Metronome on Step length and Stride Length in People with Parkinson's Disease.

Primary Investigator: The Effects of a Vibratory Metronome on Arm Swing in People with Parkinson's Disease.

Primary Investigator: How Left-Right Discrimination (Graded Motor Imagery) effects the UPDRS Motor III Assessment in People with Parkinson's Disease.

Primary Investigator: The Effects of Music Cued Treadmill Training on Spatiotemporal Gait Parameters in People with Parkinson's Disease.

Co-Investigator: Effects of Blood Flow Restriction Resistance Training on Strength, Vascular and Motor Function in Persons with Parkinson's Disease.

CO-Investigator: Hemodynamics of Patients in an Outpatient Physical Therapy Setting.

Co-Investigator: Effects of Resistance Training with Instability and Cadence Walking on Multiple Measures of Functional Movement and Strength of Persons in Mild to Moderate Stages of Parkinson's Disease.

Primary Investigator: The Effect of Video Student Bio-Sketches Compared to the Standard Paper Bio-Sketch on Clinical Instructor Preparedness for teaching Physical Therapy Students.

Membership in Scientific/Professional Organizations:

APTA/TPTA: American Physical Therapy Association/Texas Physical Therapy Association, Member #: 309990, Education Section Member, Geriatric Section Member: 2000-Present

Texas Consortium of Physical Therapist Educators: 2017-2018

Texas Alliance of Physical Therapy Assistant Educators: 2015-2017

Consultative and Advisory Positions Held:

National Level: Editorial Reviewer for Journal of Physical Therapy Education

Reviewer for Academy of Education, APTA

Reviewer for Journal of Allied Health

State Level: Texas Consortium of Physical Therapists Educators: Recorder

Texas Alliance of Physical Therapist Assistant Educators: Clinical

Education Committee: Editor for updated PTA MACS

Texas Physical Therapy Association: Midwest District: Governmental Affairs Liaison

Parkinson's Community of Abilene: Board Member

University Level: Faculty Promotion Committee- 2024-Current

Graduate council-2022-Current

Hardin-Simmons University DPT Co-Director for Missions 2019-2022

Presenter for Student Recruitment from UTSA, UTA, TCU: 2017-2022

Reviewer for the Institutional Review Board: 2018-Current

University Physical Therapy Mission Consultant to Nairobi, Kenya: 2019

Committee Member for Interprofessional Education: 2019-2022
Chair for Interprofessional Education Committee: 2022-Current
Dissertation Committee Member: Shannon Herrin: 2019-2020
Faculty Ad-Hoc Committee Member: Summer 2020-2022
Graduate Marshall: Summer 2020-Current
Representative for the PT Mayoral Proclamation in October: 2018-2023

Community Service:

Senior Balance Screens Coordinator Oct 2017-2023
Boots on the Ground Wheelchair Ramp Building Volunteer, Oct. 2018, 2019, 2022, 2023
HSU Physical Therapy Campus Clinic, Aug. 2017-Current
Door greeter at Lakeside Baptist Church, Granbury, TX, May 2010- July 2017
Section and Youth Leader, Beltway North Church, Abilene, TX, Nov. 2017-Mar. 2020
American Heart Association Volunteer, Oct. 2017 and 2018
Health Fair Volunteer, Nov. 2017, Nov. 2018, Nov. 2019
Tim Tebow Night to Shine Volunteer, Feb. 2019, Feb. 2020
Davis Phinney Foundation Parkinson's Sidekicks Volunteer, Mar. 2019
HSU Physical Therapy Mission with Wheels for the World, July 2018 (Peru), 2019 (Thailand), 2022 (El Salvador)
Joni and Friends Family Retreats, June 2019 (Navasota), June 2021 (Navasota), July 2021 (Capitan), June 2022 (Navasota)
Prayer team and Young Professionals Co-leader, Pioneer Drive Baptist Church, Abilene, TX August 2021-Current
Davis Phinney Healthy Parkinson's Community Action Member, Abilene, TX June 2022-Current
"Walk a Mile in My Parkinson's Shoes" Event, Abilene, Texas Sep. 2022, 2023
Pickleball for Parkinson's, Abilene, TX April 2023, 2024
Exercise for People with Parkinson's Disease at Fletcher Fitness Center, Jan 2024-Current
Parkinson's Community of Abilene Nonprofit- June 2024-Current

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

University-wide: Assessment of Learning Outcomes Committee: 2024-Current
 Faculty Promotion Committee: 2024-Current
 Western Heritage Day Assist: Spring 2019, Spring 2023
 HSU Benefits Advisory Committee: 2021-Current
 Member of the HSU Institutional Review Board: Aug 2018-Current
 Member of the HSU Benefits Advisory Committee: Aug 2022-Current
 Member of the HSU Academic Technology Committee: Aug 2022-Current
School-wide: Faculty Ad-Hoc Committee Member: Summer 2020-2022
 HSU IPE Committee: 2020-current (member); 2022-2024 (Chair)
Department-wide: HSU DPT Workload Committee: 2020-2021
 DPT Class of 2023 Class Liaison: 2021-Current
 HSU DPT Faculty Recruitment Chair: 2020-2021
 HSU DPT Graduation Events Committee: 2019-Current
 HSU DPT Mann Scholarship Committee: 2020-Current

Honors and Awards:

Faculty Member of the Year Hardin-Simmons University: May 2024
William Robert Lacewell Christian Leadership Award: Dec 2002
Who's Who Among Students in American Universities and Colleges (2002)

Continuing Education Attended:

2024:

Something in the Way He Walks: Gait Review, Jan, Abilene, TX
Fascial Counterstrain: Treat the Cause, Not the Symptoms, Feb, Abilene, TX
Surgical Intervention and Breast-related Lymphedema, Mar, Abilene, TX
Normal is Just a Setting on Your Washer: Unusual Findings in the Anatomy Lab, Apr, Abilene, TX

2023:

Education Leadership Conference, Philadelphia, PA
Combined Sections Meeting, San Diego, CA
Posture Reeducation- Feb, Abilene, TX
Exercise to Combat Neuroinflammation and Enhance Neuroplasticity in Patients with CVA- Mar, Abilene, TX
History of Radiology- Apr, Abilene, TX
Diagnostic Ultrasound, Looking Deeper into Human Anatomy- May, Abilene, TX
Quality Improvement in Clinical Practice- Sep, Abilene, TX
Understanding the Ins and Outs of Aphasia- Oct, Abilene, TX
Frozen Shoulder: Frozen, Freezing or Thawing?- Nov, Abilene, TX
Putting Fun Back into Functional Training: Dual Tasking with Neurological Cases- Nov, Abilene, TX

2022:

Education Leadership Conference, Milwaukee, WI
Combined Sections Meeting, San Antonio, TX
Outcome Measures to Assess Exercise Tolerance: What Should I Use and What is the Evidence?
The Application of Pain Neuroscience Education: A Step-By-Step Clinical Guide
Uploading and Upgrading Geriatric Physical Therapy: Understanding and Integrating Telehealth with Vulnerable Older Adults
Mnemonics and Oldmonics: Revisiting Anatomy Recall through Mnemonics
Analysis of Behavioral Interviews and Preadmission Variables to Predict Licensure Examination Outcomes in Physical Therapy
Popping Open the TMJ: What Might One Find?
The Art of Wallowing and Speaking
Every Breath You Take
To Turf or Not to Turf Now That is the Question-Effects of Turf on Injuries
Ph.D. Coursework:
Spring 2022:
Independent Study
Dissertation I
Summer 2022:
Independent Study
Dissertation II

2021:

TPTA Conference: Online

Is It a Need for Speed or Slow and Steady that Wins the Race? Driving Evaluations and Reaching Times

Schroth Method for Scoliosis

Infant Massage: Promoting Nurturing Touch to Babies

Neuromotor Control: To Infinity and Beyond...or At Least the Next Stage in Learning A Movement Skill

Ph.D. Coursework

Spring 2021:

Introduction to Grantmanship

Theory and Research in Physical Therapy

Independent Study

Summer 2021:

Independent Study

Advanced Practicum

Fall 2021:

Dissertation I

Independent Study: Intent to Leave Academia

2020:

Combined Sections Meeting, Denver, CO

To Infinity and Beyond: Aquatic, Land, and Creative Programs for Treatment of Parkinson's Disease

A Clinical Reasoning Blueprint: Linking Learning Theories to Curricular Innovations

Emotional Intelligence Across the Professional Lifespan in Physical Therapy: From Novice Student to Expert Practitioner

Sharpening the Spear: Performance Programming Essentials for the Physical Therapist

What's That Button Do? Optimizing Pain Control and Strength Gains with Biophysical Agents

A Closer Look: Four Months into PDPM-What Do We Know?

Foot and Ankle: The Often-Forgotten Component of Fall Prevention

Ph.D. Coursework

Spring 2020:

Academic Issues in Physical Therapy

Statistical Methods II

Summer 2020:

Teaching and Learning in Physical Therapy

Independent Study

Fall 2020:

Research for the Clinical Scientist

Applied Statistical Methods

2019:

I'm So Dizzy My Head is Spinning: Vestibular Rehab

Mirror Mirror on the Wall: Mirror Therapy at Its Finest

Baby Container Syndrome: Are We Treating the Root of the Problem?

HSU PT Department 23rd Annual Scientific Inquiries in PT Practice

Healthcare Productivity Pressures: Balancing Ethical and Organizational Responsibilities

Parkinson's Disease Awareness Training for Fitness Professionals
Cupping: What's It All About?
Motivating Patients
PH.D. Coursework
Spring 2019:
Computer Applications
Summer 2019:
Psychometric Properties
Fall 2019:
Instrumentation in Physical Therapy
Statistical Methods I

Current Teaching Responsibilities in the Entry-Level Program:

Fall Semester:

Primary Instructor:

PHYT 7142: Professional Seminar I

PHYT 7245: Professional Seminar IV

PHYT 7101: Orientation to Physical Therapy

Lab Assistant:

PHYT 7421: Introduction to Clinical Diagnosis and Management I

Guest Lecturer:

PHYT 7229: Wound Care: Topic: Lymphedema Therapy and Treatment

Spring Semester:

Primary Instructor:

PHYT 7232: Diagnostic Screening

Lab Assistant:

PHYT 7222: Introduction to Clinical Diagnosis and Management II

Guest Lecturer:

PHYT 7428: Healthcare Management: Topic: Home Health

Summer Semester:

Primary Instructor:

PHYT 7170: Professional Development

Lab Assistant:

PHYT 7425: Clinical Diagnosis and Management II: Cardiovascular/Pulmonary