

## Texas State Vita

### I. Academic/Professional Background

A. Name: Debra McDowell, PT, PhD

#### B. Educational Background

<i>Degree:</i>	<i>Year:</i>	<i>University:</i>
Doctor of Philosophy (PhD)	2009	Texas Woman's University
Masters of Science (MS)	1984	Texas State University
Bachelor of Science (BS)	1976	Texas Woman's University

Doctor of Philosophy Dissertation

*An Investigation Of Outcome Measures And Interventions Utilized By Physical Therapists For Fall Prevention In Community Dwelling Older Adults Who Have Gait And Balance Problems*

Professional Certification/Licensure: 1016558 State of Texas

#### C. University Experience

<i>Position:</i>	<i>Dates:</i>	<i>University:</i>
Clinical Assistant Professor University	8/2013-Present	Texas State
Clinic Director Administrative Affairs University	8/2013-Present	Texas State
Adjunct Clinic Faculty Member University	6/2013-8/2013	Texas State
PTA Program Director & Assistant Professor	1/2012-6/2013	South University
Online Adjunct Faculty Member	8/2012- 2017	Texas Woman's University
Adjunct Faculty Member	6/2011-12/2011	Texas State University

#### D. Relevant Professional Experience

<i>Position</i>	<i>Entity</i>	<i>Dates</i>
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E. Other Professional Credentials (licensure, certification, etc.)

### II. TEACHING

A. Teaching Honors and Awards:

B. Courses Taught at Texas State University:

PT 7313: Body Systems I  
PT 7263: Body Systems III  
PT 7326: Neuroscience I  
PT 7336: Neuroscience II  
PT 7346: Neuroscience III  
PT 7356: Neuroscience IV  
PT 7333: Cardiopulmonary Systems  
PT 7150: Directed Clinical Experience  
PT 7480: Clinical Education II  
PT 7167: Research III  
PT 7177: Research IV  
PT 7187: Research V  
PT7197: Research VI  
PT 7474: Special Topics

Courses Taught at Texas Woman's University (TWU)		Dates
PT 6613	Women's Health for Physical Therapists (Online Course)	2013-2016
PT 6453	Principles of Geriatric PT II (Online Course)	2016
PT 6335	Health Care Delivery Systems	2017

Course Taught as Doctoral Independent Study (TWU)

PT 5903 Women's Health: Mid-Life and Beyond (Online: Summer, 2006)

Courses Taught at South University

AHS 1001 Medical Terminology  
UVC 1000 Strategies for College Success

Guest Lectures

PT 7263 Therapeutic Exercise Balance Lecture & Lab, Texas State University  
2015-2016  
Multiple Sclerosis, Parkinson's Disease & ALS, South University,  
Austin, TX, 2015 - 2016

PT 7135 Geriatrics Overview, Texas State University, 2014  
PT 7155 Case Studies Review, Texas State University, 2014  
PT 7346 Physiological Changes of Normal Aging, The Older Adult. Texas  
State University, 2012 – 2013

PT 7356 Amyotrophic Lateral Sclerosis, Texas State University, 2012 – 2013  
PT 6333 Physiological Changes of Normal Aging, The Older Adult. Texas  
Woman's University, 2012 - 2013

C. Graduate Theses/Dissertations, Honors Theses, or Exit Committees (if supervisor, please indicate):

Mentor Master's Theses

- Anjali Kapoor, *Balance Program Outcomes of Older Adults with Fall Issues: Implications for Physical Therapists*, 2007
- Sandra Holland, *Physiological Decline of women Providing Care: Implications for Physical Therapists*, 2007

D. Courses Prepared and Curriculum Development

PT 7313: Body Systems I – Pathology, Texas State University

PT 7263: Body Systems III – Pharmacology Unit, Texas State University

AHS 1001: Medical Terminology – South University

BIO 1011: Anatomy and Physiology I Lecture – South University

BIO 1012: Anatomy and Physiology I Lab – South University

E. Funded External Teaching Grants and Contracts:

F. Submitted, but not Funded, External Teaching Grants and Contracts:

G. Funded Internal Teaching Grants and Contracts:

H. Submitted, but not Funded, Internal Teaching Grants and Contracts:

I. Other:

**III. SCHOLARLY/CREATIVE**

A. Works in Print (including works accepted, forthcoming, in press)

1. Books (if not refereed, please indicate)

a. Scholarly Monographs:

b. Textbooks:

c. Edited Books:

d. Chapters in Books:

e. Creative Books:

2. Articles

a. Refereed Journal Articles:

b. Non-refereed Articles:

3. Conference Proceedings

a. Refereed Conference Proceedings:

b. Non-refereed:

4. Abstracts

5. Reports:

7. Other Works in Print:

- a. Parker M, McDowell D, “Effect of Rowing on Pulmonary Function with Down’s Syndrome”, Pediatric Physical Therapy, 2014
- b. South University, Austin Application For Candidacy For Accreditation Of An Education Program For The Preparation Of Physical Therapist Assistants, Submitted December, 2012. Commission on Accreditation in Physical Therapy Education (CAPTE) approval for Candidacy for Accreditation, April, 2013.
- c. Thompson M, McDowell D, Holland S. (2008) *Physical problems & health promotion behaviors of female caregivers of older adults*: preliminary data. APTA Annual conference, San Antonio, TX. Poster

B. Works not in Print

1. Papers Presented at Professional Meetings:

2. Invited Talks, Lectures, and Presentations:

- a. “Research Review of Sitting Balance Scale for Persons with Limited Mobility”  
Texas Neuro Rehabilitation Physical Therapy and  
Occupational Therapy Departments In-service. Austin, TX 2016
- b. Peer Reviewed Poster, McDowell, D.R. (Coinvestigator), **Gobert, D.**  
TPPA Annual Conference, 2016, “Does Utilization of the Sitting  
Balance Scale and the Berg Balance Scale in Combination Provide an Improved  
Categorical Prediction of Fall Risk for Patients with Limited Mobility.” Fort  
Worth, TX, 2016
- c. Peer Reviewed Poster, **McDowell, D.R.**, Gobert, D.V.N. TPTA Annual  
Conference 2015, “Validity and Sensitivity to Change of the Sitting Balance  
Scale Score in Persons with Limited Mobility.” Arlington, TX, 2015
- d. Peer Reviewed Poster, Gobert D, McDowell D, Buchner S, Kerby J, Prible D,  
Mustafa, Z, TPTA Annual Conference 2015, “Patient Adherence to  
Instrumented Home Exercise Program”, Arlington, TX 2015
- e. Speaker Austin ALS Connection Meeting, ALS Association – TX Chapter,  
“Transfer Techniques for PALS”. 2013
- f. “Bed Mobility, Peer Reviewed Poster, Transfers, and Body Mechanics, Texas  
State University St. David’s School of Nursing, 2013

3. Consultancies:

- a. U R Our Hope Advisory Board, Austin Texas 2014 - Present

4. Workshops:

- a. Federation of State Boards of Physical Therapy Item Writing Workshop,  
March, 2014 - 2016
- b. Federation of State Boards of Physical Therapy Pro Cert Review Workshop,  
August, 2016
- c. Federation of State Boards of Physical Therapy Jurisprudence Assessment  
Module Workshop, 2016

5. Other Works not in Print:

- a. Works “submitted” or “under review”
- b. Works “ in progress”
- c. Other works not in print

C. Grants and Contracts

1. Funded External Grants and Contracts:

- a. McDowell, D, Gobert, D. "Pilot Study: Exploring Trunk Stability and Balance in Persons with Neuromuscular Impairments in Response to Instrumental Hippotherapy." Texas Physical Therapy Foundation, \$4000, 2016 - 2017

2. Submitted, but not Funded, External Grants and Contracts:

3. Funded Internal Grants and Contracts:

- a. Patient Response to an Online Instrumental Home Exercise Program.  
Funded by Faculty Development Program, Texas State University, \$16,000,  
2014-2016, Co-Principle Investigator

4. Submitted, but not Funded, Internal Grants and Contracts:

D. Fellowships, Awards, Honors:

## **IV. SERVICE**

### **A. Institutional**

1. University:
  - a. Annual Program Review Committee Director, Self-Study, Physical Therapy Department (2016-Present)
  - b. Texas State Graduate and Professional Fair (2015-Present)
  - c. Texas State University Health Professions Job Fair (2014-Present)
  - d. Texas State University Employee Wellness Fair (2014 - Present)
  - e. Texas State University Student Involvement Fair (2014 – Present)
  - f. Texas State University Bobcat Days (2014 – Present)
  - g. University of Texas Health Professions Job Fair – representing Texas State University Physical Therapy Program (2015 – Present)
  - h. University of Texas Kinesiology Health Professions Fair – representing Texas State University Physical Therapy Program (2014 – Present)
  - i. University of Texas Student Kinesiology Club – Speaker (2016)
  - j. Texas State University Pre-Physical Therapy Organization – Speaker (2016)
  - k. Texas State Alumni Association Member (2016 – Present)
  - l. St. Edward's University Pre-Health and Career Fair (2016)

2. College:
3. Department/School:
  - a. Awards Committee
  - b. Clinical Education Committee, Co-chair
  - c. Curriculum Committee
  - d. Department Outcomes Committee
  - e. Graduate advisor, Doctor of Physical Therapy Class of 2018
  - f. Graduate College Physical Therapy Brochure Coordinator
  - g. Neurology Residency Selection Committee
  - h. Research/Analysis of Practice Committee
  - i. Student Selection Committee
  - j. Student Support Committee - Chair

B. Professional:

- a. American Physical Therapy Association: Section on Education, Neurology Section, & Section on Geriatrics member
- b. Texas Physical Therapy Association
  - o Legislative Texas Capitol Day Volunteer, 2013
  - o Strategic Planning Committee, 2015, 2012
- c. Federation of State Board of Physical Therapy Item Writer, 2014 - Present
- d. Federation of State Board of Physical Therapy Pro Cert Reviewer, 2015 - Present
- e. Federation of State Board of Physical Therapy Jurisprudence Assessment Module Writer, 2016

C. Community:

- a. 2003-Present: Mobile, Loaves & Fishes, Austin Texas
- b. 2011-Present: Church under the Bridge (Homeless Outreach), Austin Texas
- c. 2012: Volunteer assistance with student interviews for Texas State University DPT Program
- d. 2007: Coordinated health care facilities for student visitation for Senior Career Day, Westlake High School, Austin Texas
- e. 2006: Coordinated speakers for Junior Career Day, Westlake High School, Austin Texas
- f. 2003: Mentored high school students at Adult Care of Austin Physical Therapy Outpatient Clinic as a participant in Westlake High School Senior Career Day, Austin Texas
- g. 2000-2003: Meals on Wheels, Austin Texas

D. Service Honors and Awards:

- a. Recipient: FSBPT Item Writing Award & Induction into the Academy of Advanced Item Writing. 11/2016

E. Service Grants and Contracts

1. Funded External Service Grants and Contracts:

2. Submitted, but not Funded, External Service Grants and Contracts:

3. Funded Internal Service Grants and Contracts:

4. Submitted, but not Funded, Internal Service Grants and Contracts:

(Updated 10/2015)