

## TEXAS STATE VITA

### I. Academic/Professional Background

**A. Name** Jennifer L. Hale, PT, DPT

**Title** Clinical Assistant Professor

### B. Educational Background

Degree	Year	University	Major
PhD	2018-current	University of Texas Health Sciences, School of Public Health	Epidemiology
DPT	2007	Boston University	Physical Therapy
BS	2005	Boston University	Health Sciences

### C. University Experience

Position	University	Dates
Clinical Assistant Professor	Texas State University	8/2012 - present
Program Director	Texas State University Neurologic Physical Therapy Residency Program	8/2015 - present
Adjunct Assistant Professor	UTMB – Galveston, TX	8/2010 - 8/2012

### D. Relevant Professional Experience

Position	Entity	Dates
Physical Therapist	St. David’s Rehabilitation Hospital, Austin, TX	9/2012 - 9/2018
Physical Therapist	TIRR Memorial Hermann Outpatient Rehabilitation-The Challenge Program, Houston TX	7/2010 - 4/1002
Physical Therapist	TIRR Memorial Hermann Neurologic Physical Therapy Residency Program, Houston TX	7/2009 - 7/2010
Physical Therapist	TIRR Memorial Hermann Rehabilitation Hospital, Houston TX	9/2007 - 7/2009

### E. Licenses & Certifications:

Position	Entity	Dates
Licensed Physical Therapist	State of Texas (#1175947)	Current
Board-Certified Specialist in Neurologic Physical Therapy	American Physical Therapy Association- Board of Physical Therapy Specialties (ABPTS)	2010 - present
Certified Clinical Instructor	Texas Consortium for Clinical Education	2008

## II. TEACHING

### A. Teaching Honors and Awards

- **Nominated:** Faculty Excellence Award in Teaching, College of Health Professions, 2017
- **Awarded:** Presidential Distinction Award for Excellence in Teaching, 2016
- **Nominated:** Presidential Award for Excellence in Teaching, 2016
- **Awarded:** Faculty Excellence Award in Teaching, College of Health Professions, 2015
- **Awarded:** Outstanding Faculty Member in Teaching, Department of Physical Therapy, 2015
- **Nominated:** Faculty Excellence Award in Teaching, College of Health Professions, 2014

### B. Courses Taught

#### Texas State University: Doctor of Physical Therapy Program

- PT 7346 Neuroscience III (Primary Instructor, Course Coordinator, 2012-current)
- PT 7356 Neuroscience IV (Primary Instructor, Course Coordinator, 2012-current)
- PT 7328 Examination Techniques (Co-instructor, 2012-present)
- PT 7155: Clinical Decision Making III (Guest Lecturer, 2013-present)
- PT 7187 Research III (Faculty advisor, 2012-present)
- PT 7197 Research IV (Faculty advisor, 2012-present)
- PT 7150 Directed Clinical Experience (Co-Instructor; 2012-2017)
- PT 7549 Lower Extremity Examination and Intervention (Guest Lecturer, 2013)

#### University of Texas Medical Branch (UTMB)

- PHYT 6313: Neuroscience for Health Professionals (Primary Instructor; 2010-2012)
- PHYT 6225: Psychosocial Aspects of Disability (Primary Instructor, 2010-2012)
- PHYT 6464: Diagnosis and Management of Neuromuscular Dysfunction I (Co- Instructor, 2010-2012)
- PHYT 6467: Diagnosis and Management of Neuromuscular Dysfunction II (Co-Instructor, 2010-2012)

### C. Graduate Theses/Dissertations or Exit Committees

#### Doctor of Physical Therapy (DPT) Student Research Projects:

- Alfaro S, Duke B, Coffey D, Mbah N, Guerrin B & **Hale J**. The experience of black students in physical therapy education (*Current Student Research Project*).
- Hurley G, Turk M, Arceneaux M, Pazary N, **Hale J**, Bezner J. The promotion of wellness in persons with acquired brain injury in residential community (*Current Student Research Project*).
- Petroski D, Lee C, Spears C, **Hale J**, & Kroon P. A Movement System Approach to Manage Hemiplegic Shoulder Pain and Movement Dysfunction. May 2018 (*Student Research Project*).
- Mann K, Martin R, Metzner H, Witcher K, Bachman T, **Hale J** & Gibbs K. The use of standardized outcome measures in the acute care hospital setting according to student physical therapists. May 2016 (*Student Research Project*).
- Clark T, Landin M, Martinez, M, Peterson C, & **Hale J**. A student-run physical therapy clinic improves functional outcomes for persons post-stroke: A retrospective study. TPTA Annual Conference. October 2014 (*Student Research Project*).

#### Resident Research Projects:

- Russell R & Hale J. High intensity aerobic exercise to improve cardiorespiratory fitness in the early stages of Parkinson's Disease. (*Resident Research Project*).
- Semaan J & Hale J. Physical Therapy at the point of diagnosis: A paradigm shift in the clinical management of Parkinson's Disease. August 2018 (*Residency Research Project*).

- Cariker G, **Hale J**, & Bezner J. Health coaching to promote physical activity post-stroke: a case series. August 2017. (*Residency Research Project*).
- Rodriguez R, Sauer M, Szot L, **Hale J**. The effects of activity tracker feedback on walking activity following stroke: A pilot study. August 2016. (*Residency Research Project*).

#### **D. Courses Prepared and Curriculum Development**

##### Texas State University:

PT 7346: Neuroscience III

PT 7356: Neuroscience IV

##### University of Texas Medical Branch

PHYT 6313: Neuroscience for Health Professionals

PHYT 6225: Psychosocial Aspects of Disability

#### **E. Funded External Teaching Grants and Contracts**

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

#### **G. Funded Internal Teaching Grants and Contracts**

##### University of Texas Medical Branch

- Academy of Master Teachers Travel Grant, \$1000.00 for conference attendance associated with new faculty development and course development, *Faculty Development Workshop*, Indianapolis, Indiana, May 2011.

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

#### **I. Other: Gifts in Kind Donations in Support of Teaching**

### **III. SCHOLARLY/CREATIVE**

#### **A. Works in Print**

##### **1. Books**

- Scholarly Monographs
- Textbooks
- Edited Books
- Chapters in Books
- Creative Books

##### **2. Articles**

###### **a. Refereed Journal Articles**

- **Hale J**, Seale J, Jennings J, & DiBello T. An Advanced Ground Reaction Design Ankle Foot Orthosis to improve gait and balance in individuals with post-stroke hemiparesis: A case series. *Journal of Orthotics & Prosthetics*. 2013;25(1):42-47. (Peer-reviewed)
- Huang H, Fetters L, **Hale J**, & McBride A. Bound for success: A systematic review of Constraint-Induced Movement Therapy in children with Cerebral Palsy supports improved arm and hand use. *Physical Therapy*. 2009; 89:1126-1141.

## **b. Non-Refereed Articles**

### **3. Conference Proceedings**

#### **a. Refereed Conference Proceedings**

- Atkinson D, Atkinson K, Kern M, **Hale J**, Feltz M, & Graves DE. Reliability of a Thoracic-Lumbar Control Scale for use in Spinal Cord Injury Research. *Archives of Physical Medicine and Rehabilitation*. 2008;89(10):E18. (Peer Reviewed) [https://www.archives-pmr.org/article/S0003-9993\(08\)00624-2/abstract](https://www.archives-pmr.org/article/S0003-9993(08)00624-2/abstract)

#### **b. Non-Refereed**

### **4. Abstracts**

- Atkinson D, **Hale J**, Feltz M, & Graves D. Scale Structure of the Thoracic-Lumbar control scale for use in Spinal Cord Injury Research. ASIA Annual Scientific Meeting, Dallas, TX, August 2009. (Peer Reviewed)

### **5. Reports**

### **6. Book Reviews**

### **7. Other Works in Print: Peer Reviewed Work Published Online**

## **B. Works not in Print**

### **1. Papers Presented at Professional Meetings**

- Cariker G, **Hale J**, & Bezner J. Health coaching to promote physical activity post-stroke: a case series. TPTA Annual Conference, San Antonio, TX, October 2018. (Peer Reviewed Poster)
- Sauer M, Szot L, McKinney M, Norris L, and **Hale J**. The effects of activity tracker feedback on walking activity following stroke: A mixed methods pilot study. APTA Combined Sections Meeting, New Orleans, LA, February 2018. (Peer Reviewed Poster)
- Mann K, Martin R, Metzner H, Witcher K, Bachman T, **Hale J** & Gibbs K. The use of standardized outcome measures in the acute care hospital setting according to student physical therapists. APTA Combined Sections Meeting, Anaheim, CA, February 2016. (Peer Reviewed Platform Presentation)
- Sauer M, Rodriguez R, Szot L, **Hale J**. The effects of activity tracker feedback on walking activity following stroke: A pilot study. TPTA Annual Conference, Ft. Worth, TX, October 2016. (Peer Reviewed Poster)
- Bezner J, **Hale J**, & Szot L. Mind over matter: promoting physical activity adherence post-stroke. APTA Combined Sections Meeting, San Antonio, TX, February 2017. (Peer Reviewed Education Session)
- Mann K, Martin R, Metzner H, Witcher K, Bachman T, **Hale J** & Gibbs K. The use of standardized outcome measures in the acute care hospital setting according to student physical therapists. TPTA Annual Conference, Arlington, TX, October 2015. (Peer Reviewed Poster)
- **Hale J** & Szot CL. Transforming society: The role of neurologic physical therapists in defining and promoting the human movement system. TPTA Annual Conference, Arlington TX, October 2015. (Peer Reviewed Education Session)
- **Hale J**, Seale J, & Olivier G. Orthotic management to promote walking recovery in persons post-stroke. APTA Combined Sections Meeting, Las Vegas, NV, February 2014. (Peer Reviewed Education Session)
- Clark T, Landin M, Martinez, M, Peterson C, & **Hale J**. A student-run physical therapy clinic improves functional outcomes for persons post-stroke: A retrospective study. TPTA Annual Conference, October 2014. (Peer Reviewed Poster, Student Research Project).

- Mossberg K, DeJoya A, & **Hale J**. Cognitive function after cardiorespiratory fitness training in a patient recovering from traumatic brain injury. 10<sup>th</sup> World Congress on Brain Injury, San Francisco, CA, March 2014. (Peer Reviewed Poster)
- Seale J, **Hale J**, Olivier G. Comparison of an Advanced Ground Reaction Design Ankle Foot Orthosis and an Articulated Ankle Foot Orthosis on gait and balance in individuals with hemiparesis following stroke. APTA Combined Sections Meeting, Las Vegas, NV, February 2014. (Peer Reviewed Poster)
- **Hale J**, Seale J, Olivier G, Jennings J, DiBello T. Comparison of an advanced ground reaction design ankle foot orthosis and a traditional ankle foot orthosis on gait and balance in individuals with hemiparesis. 39th American Academy of Orthotics and Prosthetics Academy Annual Meeting and Scientific Symposium, February 2013, Orlando, FL. (Peer Reviewed Poster)
- Olivier G, Seale J, **Hale J**, Jennings J, DiBello T. Effects of an advanced ground reaction design ankle foot orthosis compared to a traditional articulated ankle foot orthosis on walking function in a patient with chronic stroke. Peer reviewed poster presented at:
  - APTA Combined Sections Meeting, January 2013, San Diego, CA
  - TPTA Annual Conference, San Antonio, TX, October 2012
- **Hale, J** & Seale, J. Translating evidence to practice: development of a task specific circuit-training group for stroke rehabilitation. Peer reviewed poster presented at:
  - APTA Combined Sections Meeting, Chicago, IL, February 2012
  - TPTA Annual Conference, The Woodlands, TX, October 2011
- **Hale J** & Seale J. Application of motor learning in neurologic physical therapy. TPTA Annual Conference, The Woodlands, TX, October 2011. (Peer Reviewed Education Session)
- **Hale, J**. Translating evidence to practice: development of a task specific circuit-training group for stroke rehabilitation. Texas Women’s University Research Conference, Houston TX, December 2010. (Peer Reviewed Poster).

## 2. Invited Talks, Lectures, and Presentations

- Jennings J, Loke M, & **Hale J**. Triplanar orthotic management to achieve optimal skeletal alignment and walking outcomes: an observation from the orthoptist, physical therapist, and patient. American Orthotic and Prosthetic Association National Assembly, Vancouver, CA, September 2018. (Invited lecture).
- **Hale J**. Recovery of walking function in neurologic rehabilitation. TPTA Annual Conference, Fort Worth, TX, October 2016. (7-hour Educational Session)
- **Hale J**. Gait and orthotics management in neurologic rehabilitation. Continuing education course (6 contact hours) presented at St. David’s Rehabilitation Hospital, Austin, TX, April 2016.
- Gleeson P, **Hale J**, Seale J, Szot CL. Mentoring the resident toward advanced practice. 7 hour continuing education course presented at Texas State University, San Marcos TX, August 2015.
- DiBello T, **Hale J**, Jennings J, Olivier G, Seale J. Advancements in lower extremity orthotic management for post stroke hemiparesis – An interdisciplinary approach. American Orthotics and Prosthetics World Congress, Orlando Florida, September 2013.
- Powdrell E & **Hale J**. We have studied it, they have lived it: What our patients can teach us. TPTA Southeastern District Meeting. Houston TX, September 2013. Invited Presentation.
- **Hale J**. Advanced Gait and orthotic management to promote walking recovery in individuals with hemiparesis. University of Washington Neurologic Physical Therapy Residency Program. May 2013. Seattle WA.
- **Hale J** & Seale J. Differential diagnosis in neurologic physical therapy. TPTA Annual Conference, San Antonio, TX, October 2012. (Invited Education Session, 7 hours)

- **Hale J** & Trammell H. Locomotor training: Principles & clinical application. TIRR Memorial Hermann; Houston, TX, April 2010. (Invited Education Session)
- **Hale, J.** Translating evidence to practice: development of a task specific circuit-training group for stroke rehabilitation. Texas Women’s University Research Conference, Houston TX, December 2010. (Invited lecture).

### **3. Consultancies**

### **4. Workshops**

### **5. Other Works Not in Print**

#### **a. Works Submitted or Under Review**

- **Hale J**, Bezner J, Hurley G, Turk M, Arceneaux M, & Pazary N. Relationship among health and wellness variables in individuals with chronic acquired brain injury. WCPT World Congress, Geneva, Switzerland. Abstract submitted September 2018.

#### **b. Works in Progress**

- Hale J, Bezner J, Hurley G, Turk M, Arceneaux M, Pazary N. The promotion of wellness in persons with acquired brain injury in residential community. *IRB #6006, in the data analysis phase, student research project.*
- **Hale J** & Ossai U. The experience of black students in physical therapy education. *IRB #5778, currently in the data collection phase, student research project.*

#### **c. Other Works Not in Print**

### **C. Grants and Contracts**

#### **1. Funded External Grants and Contracts**

- TIRR Innovations Grant: \$10,000 from November 2011-November 2012

#### **2. Submitted, but not Funded, External Grants and Contracts**

#### **3. Funded Internal Grants and Contracts**

#### **4. Submitted, but not Funded, Internal Grants and Contracts**

- Schwarz AL, Perez E, Fleming V, **Hale J.** Many minds, one team: An interdisciplinary approach to assistive technology with local and global applications. Multidisciplinary Internal Research Grant (MIRG), Co-Investigator, Texas State University, April 2017.
- The effect of feedback and social support using mobile technology on physical activity adherence post-stroke. Research Enhancement Program (\$16,000), Co-Investigator, Texas State University, October 2015.

### **D. Fellowships, Awards, and Honors**

### **IV. SERVICE**

#### **A. Institutional**

##### **1. University**

- Bobcat Day; Fall 2017, 2016, 2014, and 2013
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## **2. College**

- Member: College of Health Professions Health and Wellness Committee (WELLCHP)

## **3. Department/School**

- Program Director: Texas State University Neurologic Physical Therapy Residency Program *in collaboration with St. David's Rehabilitation Hospital*: January 2014-present
  - Granted full 5-year accreditation through the American Board of Physical Therapy Residency and Fellowship Education (ABPTRFE) in June of 2016
- Chair: Residency Advisory Committee June 2015-present
- Organizer: Faculty liaison for ExamSoft; April 2016-present
  - Facilitated department transition to computerized testing using ExamSoft
- Member: Search Committee for Tenure-track Assistant/Associate Professor, June 2018-current
- Chair: Social Media Committee: May 2014-present
- Member of Scholarship Committee: 2013-present
- Member of Curriculum Committee: 2012-present
- Member: Search Committee for Clinical Director, January 2018-August 2018
- Member of Doctor of Science in Physical Therapy Planning Committee: January 2015-2017
- Faculty Liaison DPT Class of 2017; May 2014-2017

## **B. Professional**

- Abstract reviewer, World Confederation for Physical Therapy (WCPT) Congress, current
- Chair: TPTA Annual Conference Education Committee; Aug 2012-June 2018
- APTA Neurology Section NCS Committee; 2014-2015

## **C. Community**

- Lone Star Parkinson's Society; Fall 2016-May 2018
- St. David's Rehabilitation Hospital; Spring 2016
  - Provide pro-bono continuing education to local clinicians in the St. David's network
- Elementary School Outreach in Austin ISD; 2014-2017
  - Present at career fair, read to classrooms, teach health units related to human anatomy and body systems

## **D. Service Honors and Awards**

- Nominated: Faculty Excellence Award in Service, College of Health Professions, 2018

## **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 & Contracts:
  - University Lecture Series Grant, May 2016
    - In collaboration with Dr. Janet Bezner; Hosted Dr. Emma Stokes, President of the World Confederation for Physical Therapy (WCPT) and Fellow of Trinity College Dublin.
4. Submitted, but not Funded, Internal Service Grants and Contracts