

## **CURRICULUM VITAE**

(July 2019)

Denise R. O'Dell, PT, DScPT  
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### Education:

Doctor of Science in Physical Therapy (DScPT)  
University of Maryland, School of Medicine  
May 2009

M.S. in Physical Therapy  
University of Indianapolis, Krannert School of Physical Therapy  
December 1997

B.A. in Biology  
University of Indianapolis  
May 1996

### Licensure Information:

Colorado PTL. 0010337

### Certifications (eg, ABPTS):

APTA Board Certified Clinical Specialist in Neurologic Physical Therapy  
2004 and 2012

Conservative Treatment of Scoliosis; Katharina Schroth Method of Therapy  
2005

APTA Certified Clinical Instructor (Basic and Advanced)  
2003 and 2010

NDT Trained; 3-week course for Management of Adult Hemiplegia  
2002

### Employment and Positions Held:

Assistant Professor  
Regis University School of Physical Therapy, Rueckert-Hartman College for Health Professions  
Denver, CO  
2016 to present

Affiliate Faculty Member  
Lab Assistant for Neuromuscular and Professional Development Courses  
Regis University School of Physical Therapy, Rueckert-Hartman College for Health Professions  
Denver, CO  
2011 to 2016

Physical Therapist pm

Provided direct patient care in a skilled nursing and rehab center on weekends and holidays  
Manor Care Health Services  
Denver, CO  
2010 to 2014

Assistant PT Supervisor/ PT Education Coordinator/ Outpatient SCI Therapy Manager  
*(Provide direct patient care and perform administrative roles, such as mentoring staff and hiring. Work primarily with patients recovering from brain injury and spinal cord injury. Served as SCCE. OP SCI Manager role) - per diem therapist Fall 2016 to present*  
Craig Hospital  
Englewood, CO  
2009 to present

Adjunct Faculty Member – Instructor  
*(Provided lectures for Neuromuscular II and Professional Issues III  
Lab Assistant in Neuromuscular I and II, Prof Issues III, Basic Sciences II, & Medical Issues I)*  
University of Maryland, School of Medicine, Department of Physical Therapy & Rehabilitation Science  
Baltimore, MD  
2009 to 2012

Voluntary Faculty Member  
University of Maryland, School of Medicine, Department of Physical Therapy & Rehabilitation Science  
Baltimore, MD  
2008 to 2009

Outpatient Manager  
*(Participated in program development and marketing. Provided treatment and mentored staff for a predominantly neurologic patient population for outpatient and subacute care. Served as consultant and mentor to therapists at Adventist Rehabilitation Hospital of MD.)*  
Adventist Healthcare System, Glade Valley Nursing and Rehabilitation Center  
Walkersville, MD  
2005 to 2009

Staff Physical Therapist and Consultant  
*(Developed program, documentation, and website content for scoliosis management. Provided therapy focused on treatment of idiopathic scoliosis. Served as consultant for orthotic selection for neurologic clients.)*  
Orthotic and Scoliosis Solutions  
Rockville, MD; Fairfax, VA  
2005 to 2008

Senior Physical Therapist (2003) & Staff Physical Therapist  
*(Practiced physical therapy in a variety of settings along the healthcare continuum from orthopedic to neurologic clients. In the outpatient setting, performed administrative duties including individual mentoring, staff education, interviewing, orientation, and support staff supervision.)*  
Frederick Memorial Healthcare System  
Frederick, MD  
2000 to 2005

Staff Physical Therapist  
OhioHealth, Grant Medical Center  
Inpatient Acute Rehabilitation Unit and Acute Care Trauma Unit  
Columbus, OH  
1998 to 2000

### Peer Reviewed Publications:

- Hays K, Tefertiller C, Ketchum J, Sevigny M, O'Dell DR, Natale A, Eagye CB, Harrison-Felix C. Balance in chronic traumatic brain injury: correlations between clinical measures and a self-report measure. *Brain Injury*. 2019. 33 (4): 435-441. DOI:10.1080/02699052.2019.1565900.
- Cummins DP, Connor JR, Heller KA, Hubert JS, Kates MJ, Wisniewski KR, Berliner JC, O'Dell DR, Elliott JM, Weber KA, Smith AC. Establishing the inter-rater reliability of spinal cord damage manual measurement using magnetic resonance imaging. *Spinal Cord Series and Cases*. 2019; <https://doi.org/10.1038/s41394-019-0164-1>.
- Tefertiller C, Hays K, Natale A, O'Dell DR, Ketchum J, Sevigny M, Eagye CB, Philippus A, Harrison-Felix C. Results from a Randomized Controlled Trial to Address Balance Deficits after Traumatic Brain Injury (TBI). *Arch Phys Med Rehab*. 2019. Published online 4.19.19. <https://doi.org/10.1016/j.apmr.2019.03.015>
- O'Dell DR, Weber KA, Berliner JC, Connor JR, Cummins DP, Heller KA, Hubert JS, Kates MJ, Mendoza KR, Elliott JM, Smith AC. Midsagittal tissue bridges are associated with walking ability in incomplete spinal cord injury: a magnetic resonance imaging case series. *Journal of Spinal Cord Medicine* 2018 Oct 22, pp. 1-4. Date of Electronic Publication: DOI: 10.1080/10790268.2018.1527079.
- Smith AC, Weber KA, O'Dell DR, Parrish TB, Wasielewski M, Elliott JM. Lateral corticospinal tract damage correlates with motor output in incomplete spinal cord injury. *Archives of Physical Medicine and Rehabilitation*. 2017; DOI: <http://dx.doi.org/10.1016/j.apmr.2017.10.002>
- O'Dell DR, Nolde-Lopez G. Physical Complications. In: *The Essential Brain Injury Guide*. Edition 5.0. 2016. USA: Brain Injury Assoc of America. 160-184. Submitted 2013.
- Cuthbert JP, Staniszewski K, Hays K, Gerber D, Natale A, & O'Dell DR. Virtual reality-based therapy for the treatment of balance deficits in patients receiving inpatient rehabilitation for traumatic brain injury. *Brain Inj*.28(2):181–88.

### Peer Reviewed Scientific and Professional Presentations:

- Tefertiller C, Natale A, O'Dell DR, Ketchum JM, Harrison-Felix C, Sevigny M, Hays K  
Ready to Be Steady: A Randomized Controlled Trial to Address Balance Deficits in Persons with Traumatic Brain Injury.  
APTA Combined Sections Meeting Poster Presentation, Washington DC,  
January 2019
- O'Dell DR, Weber KA, Berliner JC, Elliott JM, Connor J, Cummins DP, Heller K, Hubert JS, Kates MJ, Mendoza KR, Smith AC  
Spared neural tissue is associated with ambulatory function following spinal cord injury: a magnetic resonance imaging study of midsagittal tissue bridges.  
APTA Combined Sections Meeting Poster Presentation, Washington DC  
January 2019
- Hays K, Tefertiller C, Natale A, O'Dell DR, Ketchum J  
The use of the Balance Evaluation Systems Test for individuals with chronic traumatic brain injury.  
APTA Combined Sections Meeting Platform Presentation, New Orleans, LA.  
Feb 24, 2018
- Smith AC, Weber KA, O'Dell DR, Wasielewski M, Connor JR, Cummins DP, Heller KA, Hubert JS, Kates MJ, Mendoza KR, Elliott JM

Lateral corticospinal tract damage analysis in motor incomplete spinal cord injury – its relationship to specific motor deficits.

APTA Combined Sections Meeting Research Platform Presentation, New Orleans, LA.

Feb 24, 2018

Smith AC, Tappan R, O'Dell DR, Weber KA, Abbott R, Hoggarth MA, Elliott JM

Imaging of spinal trauma: can protons inform prognosis and improve outcomes?

APTA Combined Sections Meeting Academy of Neurologic Physical Therapy Educational Session, New Orleans, LA

Feb 22, 2018

Hays, Kaitlin, Tefertiller C, O'Dell DR, Weintraub A

The Use of the Balance Evaluation Systems Test for Individuals with Chronic Traumatic Brain Injury.

2018 Brain Injury Summit Poster Presentation, Vail, CO

Jan 9, 2018

O'Dell DR, Berryman A

Distal Extremity Functional Rehabilitation.

2018 Brain Injury Summit Educational Session, Vail, CO

Jan 8, 2018

O'Dell DR

IV STEP Conference Highlights: Considering the 4 Ps from the Lifespan Approach – Prediction, Prevention, Plasticity & Participation.

APTA CO 2017 Rocky Mountain Fall Symposium Educational Session, Keystone, CO

Oct 6, 2017

O'Dell DR, Berliner JC, Elliott JM, Connor JR, Cummins DP, Heller KA, Hubert JS, Kates MJ, Mendoza KR, Smith AC

Sagittal T2 MRI measures of spinal cord damage in SCI: inter-rater reliability and implications for rehabilitation.

APTA CO 2017 Rocky Mountain Fall Symposium Platform Presentation, Keystone, CO

Oct 6, 2017

D'Aurio L, Tefertiller C, Natale A, Hays K, O'Dell DR

Ready to be Steady: Correlation of Balance Measures used in Traumatic Brain Injury.

International Brain Injury Association Conference (IBIA) Poster Presentation, New Orleans, LA

Apr 1, 2017

Hays K, Tefertiller C, Natale A, O'Dell DR

Comparison of the Sensory Organization Test and the Balance Evaluation Systems Test in Traumatic Brain Injury.

International Brain Injury Association Conference (IBIA) Poster Presentation, New Orleans, LA

Mar 31, 2017

Tefertiller C, Natale A, Hays K, O'Dell DR

Ready to Be Steady: Correlation of balance measures used in traumatic brain injury rehabilitation.

APTA Combined Section Meeting Platform Presentation, San Antonio, TX

Feb.18, 2017

O'Dell DR, Gagnon K, Howes C, Martin K, Potter K, Sullivan J

Moving Forward from IV STEP: Application of Key Themes, 2-Day preconference course.

APTA Combined Section Meeting Educational Course, San Antonio, TX

Feb 13-14, 2017

O'Dell DR, Smulligan K, Hays K

How to integrate low-tech virtual reality into a comprehensive balance program: one client's journey.  
APTA Colorado Chapter Conference Educational Session, Keystone, CO  
Apr 17, 2016

Joyce M, Jones J, Becker K, O'Dell DR  
Neurologic gait rehabilitation: Principles, problem-solving, and practical interventions.  
APTA Colorado Chapter Conference Educational Session, Keystone, CO  
Apr 16, 2016

Berryman A, O'Dell DR  
Creative evidence-based use of electrical stimulation in acquired brain injury rehabilitation.  
APTA Combined Section's Meeting: Educational Session, Anaheim, CA  
Feb 20, 2016

Rodriguez J, O'Dell DR  
Structure for Fulltime Clinical Experience.  
2015 Northwest Intermountain Consortium Clinical Educational Conf Educational Session, Denver, CO  
Nov 4, 2015

Tefertiller C, Natale A, Hays K, O'Dell DR  
Pilot Balance Study: Balance Intervention Utilizing the Nintendo Wii for Persons with Traumatic Brain Injury.  
ACRM Conference Poster Presentation, Dallas, TX  
Oct 27, 2015

Hays K, Tefertiller C, Staniszewski K, Natale A, O'Dell DR  
Virtual Reality-Based Therapy for Treatment of Balance Deficits in Patients Receiving Inpatient Rehabilitation for Traumatic Brain Injury.  
APTA Combined Section's Meeting Platform Presentation, Indianapolis, IN  
Feb 15, 2015

O'Dell DR, Berryman  
Creative Uses of Electrical Stimulation in Brain Injury Rehabilitation.  
Brain Injury Summit Educational Session, Vail, CO  
Jan 10, 2015

O'Dell DR  
Effect of tone-inhibiting orthotics on Gait Kinematics.  
Brain Injury Summit, Vail, CO  
January 9, 2015

Berliner J, O'Dell DR  
Aging, Fitness, and Function.  
Educational session at Patient and Caregiver Neuro Conference – Hot Health Topics, Denver, CO  
Sept 13, 2014

O'Dell DR  
Virtual Reality for Balance Training in Individual status post TBI.  
38<sup>th</sup> Annual Brain Injury Conference Educational Session, Williamsburg, VA  
May 2014

Berryman A, O'Dell, DR  
Upper Extremity Rehab: A Review of Roles, Outcomes, and Interventions for patients with TBI.  
Colorado Brain Injury Alliance Conference Educational Session, Colorado Springs, CO  
Oct 2012

Rodriguez J, O'Dell DR  
A Model for management of students with disabilities: From Classroom to Clinic.  
Clinical Educators' Forum Educational Session: Denver, CO  
April 2012

Berryman A, O'Dell DR  
Upper Extremity Rehab: A Review of Roles, Outcomes, and Interventions for patients with TBI.  
2012 Brain Injury Summit Educational session, Beaver Creek, CO  
January 12, 2012

Tefertiller C, Natale A, Hays K, O'Dell DR  
Pilot Study: Balance Intervention Utilizing the Nintendo Wii for Persons with Traumatic Brain Injury  
2012 Brain Injury Summit Poster Presentation, Beaver Creek, CO  
Jan 10, 2012

Ritzline P, Buselli A, Baehl B, Wass(O'Dell) DR.  
Retrospective Review of Outcomes for Patients with Cervical Spine Disorders.  
APTA Combined Sections Meeting Poster Presentation  
1999

Current/Active Research Activity:

Authorship: Collaborator  
Nature: Use of Imaging for Prediction of Outcomes Related to Walking following Spinal Cord Injury  
Funding – My colleagues Andrew Smith and Stephanie Albin with others secured an NIH RO3 grant for funding.

Membership in Scientific/Professional Organizations:

American Physical Therapy Association Member  
1995 to present  
Neurology and Education Section Membership

Online Education ANPT  
2014 to 2020  
Co-Chair

Neurodevelopmental Treatment Association Member  
2002 to 2012

Consultative and Advisory Positions Held:

IV STEP Conference Dissemination Committee Member  
Academy of Neurologic Physical Therapy & Academy of Pediatric Physical Therapy  
From Sept 2015 – Summer 2019

Regis Clinical Education Community Representative  
National Consortia of Clinical Educators (NCCE) / American Council of Academic Physical Therapy  
2015 - 2017

Item Writer for Neurologic Clinical Specialty Exam  
Specialization Academy of Content Experts of APTA (SACE)  
From 2011 – 2014

### Community Service:

Student Coordinator of Clinical Education  
3 Facilities (Frederick Memorial HealthCare; Glade Valley Rehabilitation Center, Craig Hospital)  
2003 – 2016

Brain Injury Summit Conference Program Planning Committee (2 terms)  
Craig Hospital  
2010 – 2012; 2013 – 2015.

Support Group Coordinator  
Frederick County, MD Stroke Survivor Support Group  
2003 – 2008

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

Regis University / Rueckert-Hartmann College for Health Professions (RHCHP)  
Fall 2016 – Summer 2019  
Regis RHCHP Awards Committee Member; Chair Fall 2018 – Summer 2019  
Fall 2017 – Summer 2018  
Regis RHCHP Service Learning Committee Member

School of Physical Therapy  
Spring 2017 – Present  
Co-Champion of Creative Ingenuity Curriculum Strategic Planning Committee  
Fall 2016 – Present  
Clinical Education Team Member  
Fall 2016 – Summer 2019  
School of Physical Therapy Awards Committee

### Honors and Awards:

DPT Student Clinical Instructor of the Year Award for the State of Colorado  
APTA Colorado Chapter  
October 2015

### Continuing Education Attended (Last 5 years):

APTA combined sections meeting, Jan 23-25, 2019, Washington, D.C.

2018 Brain Injury Summit: A Meeting of the Minds, Jan 7-8, 2018, Vail, CO.

Colorado APTA chapter fall conference. Oct 6-7, 2017, Keystone, CO.

Mobilization of the Pelvis, Hip, and Lumbar Spine for Patients with TBI and Incomplete SCI. Mar 3-4, 2017. Craig Hospital, Englewood, CO.

APTA Combined Sections Meeting, Feb 15-18, 2017. San Antonio, TX.

Educational Leadership Conference. Oct 7-9, 2016. Phoenix, AZ.

APTA Combined Sections Meeting, Feb 17-20, 2016. Anaheim, CA.

Colorado APTA chapter fall conference. Medicare documentation and ICD-10 Coding. Oct 17, 2015.

Educational Leadership Conference. Oct 2-4, 2015. Baltimore, MD.

Northwest Intermountain Consortium Clinical Education Conference, Sept 11-12, 2015. Denver, CO.

APTA Combined Sections Meeting, Feb 5-7, 2015, Indianapolis, IN.

Comprehensive Concussion Management: A need to know course for physical therapists. Feb 3-4, 2015. Indianapolis, IN.

2015 Brain Injury Summit: A Meeting of the Minds, Jan 11-14, 2015, Vail CO.

Educational Leadership Conference & Clinical Education Summit, Oct 12-15, 2014. Kansas City, MO.

Current Teaching Responsibilities in the Entry-Level Program for Academic Year of Site Visit:  
Summer 2019:

DPT 771: Professional Issues II Coordinator

Clinical Education Team

Fall 2019:

DPT 770 Professional Issues I Coordinator

DPT 775 Professional Issues VI Coordinator

DPT 781G Advanced Neurologic Management Elective Coordinator

DPT 736 Neurological Management II

Spring 2020:

DPT 737 Neurological Management II Coordinator;

Clinical Education Team

Summer 2020:

DPT 771: Professional Issues II Coordinator

Clinical Education Team