

Geneviève N. Olivier, PT, DPT, PhD

Board-Certified Clinical Specialist in Neurologic Physical Therapy

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EDUCATION:

- 2020 Doctor of Philosophy in Rehabilitation Science (**PhD**)
University of Utah
Salt Lake City, UT
- 2012 **Residency Graduate**
TIRR Memorial Hermann Neurologic Physical Therapy Residency Program in
collaboration with Texas Woman's University & the University of Texas Medical Branch
Houston, TX
- 2009 Doctor of Physical Therapy (**DPT**)
Boston University
Boston, MA
- 2005 Bachelor of Science in Education (**B.S.Ed.**)
University of Georgia
Athens, GA

EMPLOYMENT:

- 07/2021 – present *Assistant Professor (Clinical)*, University of Utah Dept of Physical Therapy and Athletic Training, Salt Lake City, UT
- 01/2020 – 06/2021 *Postdoctoral Fellow*, University of Utah Dept of Physical Therapy and Athletic Training, Salt Lake City, UT
- 03/2018 – 06/2021 *Physical Therapist*, University of Utah Balance & Mobility Clinic, Dept of Physical Therapy and Athletic Training, Salt Lake City, UT
- 08/2015 – 06/2021 *Instructor*, University of Utah Dept of Physical Therapy and Athletic Training, Salt Lake City, UT
- 10/2013 – 01/2018 *Staff Physical Therapist*, Rehab Without Walls, Taylorsville, UT
- 08/2013 – 05/2015 *Teaching Assistant*, University of Utah Dept of Physical Therapy and Athletic Training, Salt Lake City, UT
- 08/2012 – 06/2013 *Staff Physical Therapist*, The Rehabilitation Institute of Kansas City, Adult Partial Day Hospitalization Program, Kansas City, MO
- 08/2012 – 12/2012 *Adjunct Faculty Member*, Rockhurst University Dept of Physical Therapy Education, Kansas City, MO
- 08/2009 – 07/2012 *Staff Physical Therapist (PT II)*, TIRR Memorial Hermann, Neurologic Physical Therapy Residency Program, The Challenge Program, Inpatient rehab Brain Injury & Stroke Program, Houston, TX

BOARD CERTIFICATION:

- 2012 – present **Board-Certified Clinical Specialist in Neurologic Physical Therapy** by the American Board of Physical Therapy Specialties (ABPTS)

PROFESSIONAL LICENSURE:

- 06/2013 – present Physical Therapy, Utah License No. 8681805-2401
- 04/2012 – 12/2013 Physical Therapy, Kansas License No. 11-04381 (expired)
- 03/2012 – 01/2014 Physical Therapy, Missouri License No. 2012009155 (expired)
- 09/2009 – 09/2013 Physical Therapy, Texas License No. 1191143 (expired)

TEACHING

TEACHING CREDENTIALS:

- 2018 **Higher Education Teaching Specialization (HETS)**; earned by completing a variety of University of Utah courses, teaching assessments, and mentored teaching; teaches candidates to implement innovative teaching strategies and evidence-based pedagogy in higher education; ctle.utah.edu/hets
- 2011 **Credentialed Clinical Instructor** by APTA's Clinical Instructor Education and Credentialing Program

UNIVERSITY TEACHING:

- University of Utah, Department of Physical Therapy and Athletic Training, Salt Lake City, UT
 - PT TH 7300** – Neuromuscular Management
Fall 2021 – **Instructor of Record / Course Lead**
 - PT TH 7200** – Motor Control
Fall 2021 – **Instructor of Record / Course Lead**
Fall 2015, 2016, 2017, 2018, 2019, 2020 – **Instructor of Record**
Fall 2013 & 2014 – **Teaching Assistant**
 - PT TH 7050** – Neuroanatomy
Spring 2017, 2018, & 2019 – **Guest Lab Instructor**
Spring 2016 – **Lab Director**
Spring 2014 & 2015 – **Teaching Assistant**
- Royal Institute of Health Sciences, Royal University of Bhutan, Thimpu, Bhutan
Neuromuscular Conditions Course (for the Physical Therapy Technician program)
Summer 2013 – **Visiting Professor**
- Rockhurst University, Department of Physical Therapy Education, Kansas City, MO
 - PT 7328** – PT Management of Neuromuscular Conditions Lab I
Fall 2012 – **Adjunct Instructor**
- University of Texas Medical Branch at Galveston, Department of Physical Therapy, Galveston, TX
 - PHYT 6467** – Diagnosis and Management of Neuromuscular Dysfunction II
06/2012 – **Guest Lab Instructor**, Vestibular Dysfunction
06/2012 – **Guest Lecturer**, “Maximizing Motor Recovery Following Brain Injury and Stroke”
06/2012 – **Guest Lab Instructor**, Gait Assessment for Individuals with Neurologic Disorders
 - PHYT 6220** – Evidence Based Practice in Physical Therapy
03/2012 – **Guest Lecturer/Discussion Leader**, Journal Article Discussion
 - PHYT 6313** – Neuroscience for Health Professionals
01/2012 – **Guest Lecturer**, “Peripheral Nervous System and Spinal Region”
 - PHYT 6464** – Diagnosis and Management of Neuromuscular Dysfunction I
01/2012 – **Guest Lab Instructor**, ASIA Impairment Scale
- Texas Woman’s University, School of Physical Therapy, Houston, TX
 - PT 6343** – Neuromuscular Physical Therapy II
04/2012 – **Guest Lab Instructor/Assessor**, Wheelchair Skills for Patients with SCI, Lab Practicals
02/2012 – **Guest Lab Instructor/Assessor**, Transfers and Bed Mobility for Patients with SCI, Lab Practicals
01/2012 – **Guest Lecturer**, “The Comprehensive Assessment for Patients with spinal Cord Injury” and “ASIA International Standards for Neurological Classification of Spinal Cord Injury (ISCSCI)”
01/2012 – **Guest Lab Instructor**, Functional Training for Individuals with SCI
- Boston University, Department of Physical Therapy and Athletic Training, Boston, MA
 - PT 652** – Neurological Systems I
Fall 2008 – **Teaching Assistant**

CLINICAL TEACHING:

- Rehabilitation Institute of Kansas City, Kansas City, MO
08/2012 - 06/2013 **Clinical Instructor** – Provided clinical instruction and mentorship to 3rd year DPT students during their final internships on the Adult Partial Day Hospitalization Program at the Rehabilitation Institute of Kansas City
- University of Texas Medical Branch at Galveston (UTMB) Post-Stroke Clinic, Galveston, TX
11/2011 & 06/2012 **Guest Lab Instructor/Clinical Instructor** – Provided lab instruction in a clinical environment to 2nd year DPT students on the assessment and treatment of patients at UTMB’s grant-funded interdisciplinary community-based pro bono stroke rehab clinic
- Texas Woman’s University (TWU) School of Physical Therapy, Houston, TX
07/2011 **Guest Lab Instructor/Clinical Instructor** – Provided lab instruction in a clinical environment to 1st year DPT students on the examination, assessment, and treatment of patients in the ICU at Memorial Hermann Hospital
10/2010 **Guest Lab Instructor/Clinical Instructor** – Provided lab instruction in a clinical environment to 2nd year DPT students on the treatment of individuals with brain injuries and strokes at TIRR Memorial Hermann rehabilitation hospital
- TIRR Memorial Hermann, Inpatient Rehabilitation and Outpatient Rehabilitation, Houston TX
09/2010 - 07/2011 **Clinical Instructor** – Provided clinical instruction and mentorship to 3rd year DPT students during final internships on the Brain Injury & Stroke Program at TIRR Memorial Hermann, as well as on the TIRR Challenge Program at TIRR Outpatient
01/2010 - 05/2010 **Clinical Instructor** – Provided clinical instruction and mentorship to 1st year DPT students on the Brain Injury & Stroke Program during their first clinical affiliations

CONTINUING EDUCATION PRESENTATIONS:

- 10/2014 **In-service Presentation:** “ASIA International Standards for Neurological Classification of Spinal Cord Injury (ISCSCI),” Primary Children’s Medical Center
- 08/2013 **In-service Presentation / Lab:** “Serial Casting,” Jigme Dorji Wangchuck National Referral Hospital, Thimpu, Bhutan
- 08/2013 **In-service Presentation / Lab:** “Outcome Measures for Management of Neurological Conditions,” Jigme Dorji Wangchuck National Referral Hospital, Thimpu, Bhutan
- 07/2013 **In-service Presentation:** “Maximizing Motor Recovery Following Brain Injury and Stroke,” Jigme Dorji Wangchuck National Referral Hospital, Thimpu, Bhutan
- 03/2013 **In-service Presentation:** “A Prospective Comparison of a Novel versus Traditional AFO in Patients with Hemiparesis,” The Rehabilitation Institute of Kansas City, Kansas City, MO
- 06/2012 **In-service Presentation:** “A Prospective Comparison of a Novel versus Traditional AFO in Patients with Hemiparesis,” TIRR Memorial Hermann, Houston, TX
- 05/2012 **In-service Presentation:** “Advances in Acute Management Post Stroke: PT and OT Roles in Altering the Cortical Map,” invited presenter; submitted for approval for Continuing Competency Units through the TPTA; The Methodist Hospital, Houston, TX
- 05/2012 **In-service Presentation:** “Common Pitfalls in the Assessment and Treatment of Gait Dysfunction,” TIRR Adult and Pediatric Outpatient Rehabilitation, Houston, TX

- 03/2012 **In-service Presentation:** "Use of the Function in Sitting Test (FIST) Outcome Measure in Patients with Spinal Cord Injury," TIRR Memorial Hermann, Houston, TX
- 02/2012 **Journal Club Discussion Facilitator,** TIRR Memorial Hermann, Houston, TX:
Article: Chiviacowsky S, et al. Motor learning benefits of self-controlled practice in persons with Parkinson's disease. *Gait Posture* (2011), doi:10.1016/j.gaitpost.2011.12.003
- 12/2011 **In-service Presentation:** "The Effects of Ankle Foot Orthoses on EMG Activation and Timing during Gait in Individuals with Neurological Disorders," TIRR Memorial Hermann, Houston, TX
- 10/2011 **Journal Club Discussion Facilitator,** TIRR Memorial Hermann, Houston, TX:
Article: Sidaway B, Ahn S, Boldeau P, Griffin S, Noyes B, Pelletier K. A comparison of manual guidance and knowledge of results in the learning of a weight-bearing skill. *Journal Of Neurologic Physical Therapy: JNPT*. March 2008;32(1):32-38.
- 09/2011 **In-service Presentation:** "The Role of Lab Values and Pharmacology in Pediatric Physical Therapy Management," Children's Memorial Hermann Hospital, Houston, TX
- 09/2011 **Journal Club Discussion Facilitator,** Children's Memorial Hermann Hospital, Houston, TX:
Article: Birdi K, Prasad A, Prasad C, Chodirker B, Chudley A. The floppy infant: retrospective analysis of clinical experience (1990-2000) in a tertiary care facility. *Journal Of Child Neurology*. October 2005;20(10):803-808.
- 08/2011 **In-service Presentation:** "Advances in Acute Management Post Stroke: PT and OT Roles in Altering the Cortical Map during Acute Care," Memorial Hermann Hospital, Houston, TX
- 08/2011 **Journal Club Discussion Facilitator,** Memorial Hermann Hospital, Houston, TX:
Article: Riddle D, Wells P. Diagnosis of lower-extremity deep vein thrombosis in outpatients. *Physical Therapy*. August 2004;84(8):729-735.
- 07/2011 **Journal Club Discussion Facilitator,** Memorial Hermann Hospital, Houston, TX:
Article: Chamoun R, Robertson C, Gopinath S. Outcome in patients with blunt head trauma and a Glasgow Coma Scale score of 3 at presentation. *Journal Of Neurosurgery*. October 2009;111(4):683-687.
- 03/2011 **Case Presentation:** "Physical Therapy Management of Dystonia: a Case Study," presented to TIRR Memorial Hermann's Residency Advisory Committee, Houston, TX
- 03/2009 **In-service Presentation:** "Easy Access: Keeping up with Evidence Doesn't Have to be a Full-Time Job," TIRR Memorial Hermann, Houston, TX
- 12/2008 **Platform Presentation:** "Training-Related Repetitive Use Injuries Among NeuroRecovery Network Trainers at the Boston Medical Center," Boston, MA
- 07/2008 **In-service Presentation:** "Differential Diagnosis: Primary Patient Complaint of Sore Throat with Associated Neck and Shoulder Pain," Colorado Sport and Spine Centers, Colorado Springs, CO
- 09/2007 **In-service Presentation:** "Rehabilitation Program for Cardiac and Cardiothoracic Surgery Patients: Home Exercise, Activity, and Lifestyle Modification Program," Westchester Medical Center, Valhalla, NY

SCHOLARSHIP

MANUSCRIPTS PUBLISHED OR IN-PRESS:

Olivier GN, Paul SS, Walter CS, Hayes HA, Foreman KB, Duff K, Schaefer SY, Dibble LE. (2021). The feasibility and efficacy of a serial reaction time task that measures motor learning of anticipatory stepping. *Gait & Posture*, 86, 346–353. <https://doi.org/10.1016/j.gaitpost.2021.04.002>

Olivier, Geneviève N., Walter, Christopher S., Paul, Serene S., Dibble, Leland E., & Schaefer, Sydney Y.. (2021). How Common Is the Exponential Decay Pattern of Motor Skill Acquisition? A Brief Investigation. *Motor Control*. Advance online publication. <https://doi.org/10.1123/mc.2020-0043>.

Paul SS, Dibble LE, **Olivier GN**, Walter CS, Duff K, Schaefer SY. Dopamine replacement improves motor learning of an upper extremity task in people with Parkinson disease. *Behav Brain Res*. 2020. doi:10.1016/j.bbr.2019.112213

Olivier GN, Paul SS, Lohse KR, Walter CS, Schaefer SY, Dibble LE. Predicting Motor Sequence Learning in People With Parkinson Disease. *J Neurol Phys Ther*. 2019. doi:10.1097/NPT.0000000000000251

Paul SS, Schaefer SY, **Olivier GN**, Walter CS, Lohse KR, Dibble LE. Dopamine Replacement Medication Does Not Influence Implicit Learning of a Stepping Task in People With Parkinson’s Disease. *Neurorehabil Neural Repair*. 2018. doi:10.1177/1545968318809922

MANUSCRIPTS UNDER PEER REVIEW:

Olivier GN, Dibble LE, Paul SS, Lohse KR, Walter CS, Marker RJ, Hayes HA, Foreman KB, Duff K, Schaefer SY. Personalized practice dosages may improve motor learning in older adults compared to ‘standard of care’ practice dosages: A randomized controlled trial. *Frontiers in Rehabilitation Science – Translational Research in Rehabilitation*.

DISSERTATION:

Olivier GN. Individualizing postural motor learning: Examining a novel method of dosing motor practice. *Dept Phys Ther & Athl Training*. 2020; Doctor of.

ONLINE EDUCATIONAL RESOURCES:

- 2020 **Online Course:** Siles A, Bland MD, Anderl E, Eikenberry M, McCarthy A, **Olivier G**, Rice T, Romney W, Zeleznik H. Core Outcome Measures: 10 Meter and 6 Minute Walk Tests. *The Academy of Neurologic Physical Therapy*. <https://www.anptsynapsecenter.com/public/course-detail/?id=163>
- 2020 **Online Course:** Siles A, Bland MD, Anderl E, Eikenberry M, McCarthy A, **Olivier G**, Rice T, Romney W, Zeleznik H. Core Outcome Measures: Berg Balance Scale. *The Academy of Neurologic Physical Therapy*. <https://www.anptsynapsecenter.com/public/course-detail/?id=140>
- 2020 **Online Course:** Siles A, Bland MD, Anderl E, Eikenberry M, McCarthy A, **Olivier G**, Rice T, Romney W, Zeleznik H. Core Outcome Measures: Five Times Sit to Stand and ABC Scale. *The Academy of Neurologic Physical Therapy*. <https://www.anptsynapsecenter.com/public/course-detail/?id=139>
- 2020 **Online Course:** Siles A, Bland MD, Anderl E, Eikenberry M, McCarthy A, **Olivier G**, Rice T, Romney W, Zeleznik H. Core Outcome Measures: Functional Gait Assessment. *The Academy of Neurologic Physical Therapy*. <https://www.anptsynapsecenter.com/public/course-detail/?id=186>
- 2020 **Online Course:** Siles A, Bland MD, Anderl E, Eikenberry M, McCarthy A, **Olivier G**, Rice T, Romney W, Zeleznik H. Core Outcome Measures: Score Interpretation and Continuum Use. *The Academy of Neurologic Physical Therapy*. <https://www.anptsynapsecenter.com/public/course-detail/?id=215>
- 2019 **Knowledge Translation Dissemination Tools** (from Knowledge Translation Core Measures Task Force): <http://www.neuropt.org/practice-resources/anpt-clinical-practice-guidelines/core-outcome-measures-cpg>

GRANTS UNDER REVIEW:

NIH Loan Repayment Programs Olivier (PI) Submitted 11/2020
TITLE: Practice Effects as a Predictor of Procedural Learning & Falls in People with Cognitive and Motor Deficits
GOAL: to determine, in people with Parkinson disease and people with Mild Cognitive Impairment, whether 1-week practice effects on a standing stepping serial reaction time task predict a) the ability learn that task with additional practice and b) falls over the subsequent 6 months.
ROLE: Postdoctoral Fellow, mentored PI

CURRENT RESEARCH FUNDING:

1U01NS113851-01 (Subaward) Corcos (PI) 09/25/19-07/31/24
Northwestern University at Chicago | NIH/NINDS
TITLE: Study in Parkinson Disease of Exercise Phase 3 Clinical Trial: SPARX3
Goals: this is a Phase III clinical trial to establish the efficacy of progressive high-intensity, endurance treadmill exercise to slow the progression of the signs of Parkinson disease (PD)
ROLE: Co-Investigator

COMPLETED RESEARCH FUNDING:

University of Utah UROP Grant Dibble (PI) 2018-2019
TITLE: Visuospatial Construction & Motor Learning: The Relationship Between Cognition & a Motor Performance Plateau
GOAL: to determine if there is a correlation between visuospatial constructional cognition and how much practice is required for a participant to achieve a personal performance plateau on a standing postural motor task
ROLE: Doctoral Student, Co-I, graduate mentor of undergraduate grant recipient

University of Utah UROP Grant Dibble (PI) 2016-2017
TITLE: Does the Dosage of Practice in Standard Balance Rehabilitation Maximize Retention and Transfer of Balance Skill?
GOAL: to determine whether high dose practice improves motor learning of a standing serial reaction time task in healthy young adults, compared to standard of care amounts of practice
ROLE: Doctoral Student, Co-I, graduate mentor of undergraduate grant recipient

Amer. Parkinson Disease Assoc. Postdoc. Fellowship Grant Paul (PI) 2015-2017
TITLE: Exogenous Dopamine Effects on Motor Learning of a Postural Balance Task in Parkinson Disease
GOAL: to test whether older adults with Parkinson Disease can learn and generalize a novel postural balance task, and whether dopamine replacement medications interfere or facilitate these effects
ROLE: Doctoral Student, Sub-I, study coordinator

University of Utah VPR Funding Incentive Seed Grant Dibble (PI) 2015-2016
TITLE: Exogenous Dopamine Effects on Motor Learning of a Functional Upper Limb Task in Parkinson Disease
GOAL: to test whether older adults with Parkinson Disease can learn and generalize a functional upper limb motor task, and whether dopamine replacement medications interfere or facilitate these effects
ROLE: Doctoral Student, Sub-I

TIRR Innovations Grant Hale (PI) 2011-2012
TITLE: Comparison of Advanced Ground Reaction Design AFO and a Traditional AFO
GOAL: to compare gait, balance, and muscle activation of individuals with hemiparesis when wearing an advanced ground reaction design ankle foot orthosis (AFO) versus a traditional ankle foot orthosis
ROLE: Neurologic PT Resident, Co-I

RESEARCH PROJECTS:

2022 - present **Site Principal Investigator:** *"Establishing Referent Values for the 6-Minute Walk Test Using a 12-Meter Track"* University of Utah in collaboration with multiple other sites
2021 - present **Collaborator:** *"Cyclical Lower Extremity Exercise for Parkinsons Trial (CYCLE Trial),"* University of Utah in collaboration with Cleveland Clinic

2020 - present	Co-Investigator: <i>"Study in Parkinson Disease of Exercise Phase 3 Clinical Trial: SPARX3,"</i> University of Utah in collaboration with Northwestern University
2017 - present	Sub-investigator: <i>"Documenting the Progression of Disability in Individuals with Mobility Limitations,"</i> University of Utah
2016 - 2020	Principal Investigator: <i>"Does Practice Beyond Performance Plateau Improve Motor Learning,"</i> University of Utah *Dissertation Project - Committee Chair: Leland Dibble, PT, PhD, ATC, FAPTA
2015 - 2017	Sub-investigator & Study Coordinator: <i>"The Impact of Dopamine and Practice on Motor Learning in Parkinson's Disease,"</i> University of Utah
2015 - 2017	Sub-investigator: <i>"The Role of an Attention Demanding Activity for Priming Motor Learning,"</i> University of Utah
2011 - 2012	Co-investigator: <i>"Comparison of an Advanced Ground Reaction Design Ankle Foot Orthosis and a Traditional Ankle Foot Orthosis on Gait, Balance, and Muscle Activation in Individuals with Hemiparesis,"</i> UT Health Science Center at Houston
2008	Program Evaluation: <i>"Training-Related Repetitive Use Injuries Among NeuroRecovery Network Trainers at the Boston Medical Center,"</i> Quality Improvement project for Boston University-Boston Medical Center, Boston, MA

REGIONAL ORAL PRESENTATIONS:

04/2022	Educational Session: Rauk R, Garg H, Olivier G , Rice T, Romney W, Zeleznik H. A Review of Current Practice Guidelines in Neurological Practice. APTA Utah Spring Conference, St. George, UT.
10/2017	Platform Presentation: Olivier GN , Ryan OK, Walter CS, Gorski KA, Schaefer SY, Paul SS, Dibble LE. Feasibility and efficacy of a standing serial reaction time task to measure postural motor learning. Utah Physical Therapy Association Annual Fall Conference, Salt Lake City, Utah. <i>*Designated "Best Abstract"</i>
04/2012	Invited Speaker: Olivier GN . Advances in Acute Management Post Stroke: PT and OT Roles in Altering the Cortical Map during Acute Care. Texas Physical Therapy Association (TPTA) Southeastern District (SED) Meeting, Houston, TX.

NATIONAL ORAL PRESENTATIONS:

01/2019	Educational Session: Bland MD, Siles A, Anderl E, Eikenberry M, McCarthy A, Olivier G , Rice T, Romney W, Zeleznik H. Implementing Core Set of Outcome Measures for Adults with Neurologic Conditions. APTA CSM, Washington DC.
02/2014	Educational Session: Hale J, Seale J, Olivier GN . Orthotic Management to Promote Walking Recovery in Persons Post-Stroke. APTA CSM, Las Vegas, NV.

INTERNATIONAL ORAL PRESENTATIONS:

06/2018	Symposium: Olivier GN , Paul SS, Lohse KR, Walter CS, Schaefer SY, Dibble LE. Predicting motor sequence learning in people with Parkinson disease. North American Society for the Psychology of Sport and Physical Activity Conference (NASPSA) 2018, Denver, Colorado.
10/2017	Platform Presentation: Paul SS, Olivier GN , Walter CS, Schaefer SY, Dibble LE. Dopamine replacement influences on postural motor learning in Parkinson disease. Australian Physiotherapy Association Conference 2017, Sydney, Australia.
10/2017	Platform Presentation: Paul SS, Walter CS, Olivier GN , Dibble LE, Schaefer SY. Exogenous

dopamine improves acquisition, retention, and transfer of skilled upper extremity movement in people with Parkinson Disease. Australian Physiotherapy Association Conference 2017, Sydney, Australia.

09/2013

Symposium: Seale J, Hale J, **Olivier GN**, Jennings J, DiBello T. Advances in Lower Limb Orthotic Management for Post Stroke Hemiparesis-An Interdisciplinary Approach. American Orthotic and Prosthetic Association (AOPA) 2013 Orthotic and Prosthetic World Congress, Orlando, FL.

POSTER PRESENTATIONS:

04/2019

Stephens JW, Dibble LE, Lohse KR, **Olivier GN**. Visuospatial Construction and Motor Learning: The Relationship Between Cognition and a Motor Performance Plateau. University of Utah Undergraduate Research Symposium, Salt Lake City, UT.

01/2019

Olivier GN, Walter CS, Paul SS, Dibble LE, Schaefer SY. How common is the 'typical' pattern of motor skill acquisition? Important considerations for motor learning. APTA Combined Sections Meeting, Washington, DC.

06/2017

Paul SS, Walter CS, **Olivier GN**, Schaefer SY, Dibble LE. Dopamine replacement influences on postural motor learning in Parkinson disease. International Congress of Parkinson's Disease and Movement Disorders, Vancouver, BC.

06/2017

Paul SS, Walter CS, **Olivier GN**, Dibble LE, Schaefer SY. Exogenous dopamine improves acquisition, retention, and transfer of skilled upper extremity movement in people with Parkinson Disease. International Congress of Parkinson's Disease and Movement Disorders, Vancouver, BC.

05/2017

Olivier G, Walter C, Gorski K, Schaefer S, Paul S, Dibble L. The feasibility and efficacy of a standing serial reaction time task to measure postural motor learning. Gait & Clinical Movement Analysis Society Annual Meeting, Salt Lake City, UT.

04/2017

Gorski K, **Olivier G**, Ryan O, Dibble L. Does a Higher Practice Dosage Improve Sequence Specific Retention and Transfer of a Balance Skill in Healthy Young Adults? University of Utah Undergraduate Research Symposium, Salt Lake City, UT.

11/2016

Walter C, **Olivier G**, Richards L, Schaefer S. Motor skill transfer of functional tasks: Is task similarity important? Neuroscience 2016, San Diego, CA.

10/2015

Olivier G, Schaefer S, Hayes H, Dibble L. The feasibility and efficacy of a standing continuous tracking task: Exploring the dosing of postural task practice in Parkinson's disease. Neuroscience 2015, Chicago, IL.

02/2014

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.

02/2013

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, Orlando, FL.

01/2013

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. APTA Combined Sections Meeting, San Diego, CA.

10/2012

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. TPTA Annual Conference, San Antonio, TX.

CLINICAL

CLINICAL CERTIFICATIONS AND CREDENTIALS:

- 2018 **Certificate in Vestibular Rehabilitation** through *Vestibular Rehabilitation: A Competency-Based Course* co-sponsored by Emory University and the American Physical Therapy Association; Salt Lake City, UT; completed all requirements and passed all exams
- 2012 - present **Board-Certified Clinical Specialist in Neurologic Physical Therapy** by the American Board of Physical Therapy Specialties (ABPTS)
- 2011 **Credentialed Clinical Instructor** by APTA's Clinical Instructor Education and Credentialing Program
- 2010 - present BLS for Healthcare Professionals

CLINICAL PROGRAM DEVELOPMENT:

- 2017-2019 **Wellness Physical Therapy for the L. S. Skaggs Patient Wellness Center** at the University of Utah. As a physical therapist for the Balance and Mobility Clinic within the University of Utah Department of Physical Therapy and Athletic Training, I created a Wellness PT Evaluation program for the clients within the L. S. Skaggs Patient Wellness Center. The purpose of this program was to 1) ensure that existing wellness clients were safe to continue to participate in the Wellness exercise program, 2) to update their Wellness exercise prescriptions to ensure optimal safety and outcomes, and 3) to collect a standardized minimum dataset on all clients to optimize clinical outcomes, allow for QI projects, and provide infrastructure for future research studies.

PROFESSIONAL DEVELOPMENT/CONTINUING EDUCATION ATTENDED/COMPLETED:

- 2022 • Combined Sections Meeting (CSM), APTA; San Antonio, TX
- 2021 • "Core Outcome Measures: Score Interpretation and Continuum Use," ANPT Synapse Education Center Online Course
• "Core Outcome Measures: Functional Gait Assessment," ANPT Synapse Education Center Online Course
• "Core Outcome Measures: Five Times Sit to Stand and ABC Scale," ANPT Synapse Education Center Online Course
• Specialization Academy of Content Experts (SACE) II Item-Writing Workshop; held at CSM 2021
- 2020 • "Core Outcome Measures: 10 Meter and 6 Minute Walk Tests," ANPT Synapse Education Center Online Course
• "Core Outcome Measures: Berg Balance Scale," ANPT Synapse Education Center Online Course
• Combined Sections Meeting (CSM), APTA; Denver, CO
• Specialization Academy of Content Experts (SACE) II Item-Writing Workshop; held at CSM 2020
• Coursework taken through the University of Utah PhD program in Rehabilitation Sciences
- 2019 • "Professionalism Module 3: Ethical Compass," APTA Learning Center Online Course
• Combined Sections Meeting (CSM), APTA; Washington DC
• Coursework taken through the University of Utah PhD program in Rehabilitation Sciences
- 2018 • 2018 NASPSA Conference, North American Society for the Psychology of Sport and Physical Activity (NASPSA); Denver, CO
• Vestibular Rehabilitation: A Competency-Based Course; Salt Lake City, UT
• Combined Sections Meeting (CSM), APTA; New Orleans, LA
• Specialization Academy of Content Experts (SACE) II Item-Writing Workshop; held at CSM 2018
• Getting the Most out of Functional Measurement: A Workshop for Implementing AM-PAC and Other

- Tools to Demonstrate Value; University of Utah, Salt Lake City, UT
- 2017
 - Coursework taken through the University of Utah PhD program in Rehabilitation Sciences
 - “Professionalism Module 1: Introduction to Professionalism;” APTA Learning Center Online Course
 - Gait & Clinical Movement Analysis Society Annual Meeting; Salt Lake City, UT
 - Combined Sections Meeting (CSM), APTA; San Antonio, TX
 - Specialization Academy of Content Experts (SACE) II Item-Writing Workshop; held at CSM 2017
 - Coursework taken through the University of Utah PhD program in Rehabilitation Sciences
 - 2016
 - IV Step; Columbus, OH
 - Combined Sections Meeting (CSM), APTA; Anaheim, CA
 - Specialization Academy of Content Experts (SACE) II Item-Writing Workshop; held at CSM 2016
 - Coursework taken through the University of Utah PhD program in Rehabilitation Sciences
 - 2015
 - Neuroscience 2015; Chicago, IL
 - “Information on APTA’s Revised Code of Ethics for the physical Therapist and Standards of Ethical Conduct for the Physical Therapist Assistant;” APTA Learning Center Online Course
 - Combined Sections Meeting (CSM), APTA; Indianapolis, IN
 - Specialization Academy of Content Experts (SACE) II Item-Writing Workshop; held at CSM 2015
 - Coursework taken through the University of Utah PhD program in Rehabilitation Sciences
 - 2014
 - Combined Sections Meeting (CSM), APTA; Las Vegas, NV
 - Specialization Academy of Content Experts (SACE) I Item-Writing Workshop; held at CSM 2014
 - Coursework taken through the University of Utah PhD program in Rehabilitation Sciences
 - 2013
 - O & P World Congress, American Orthotic and Prosthetic Association (AOPA); Orlando, FL
 - Combined Sections Meeting (CSM), APTA; San Diego, CA
 - Coursework taken through the University of Utah PhD program in Rehabilitation Sciences
 - 2012
 - Texas Physical Therapy Association (TPTA) Southeastern District (SED) May Meeting; Houston, TX
 - PHYT 6090 “Special Topics in Physical Therapy” 3 university credit hour research course through UTMB’s School of Physical Therapy; Houston, TX
 - “Mentoring the Resident towards Advanced Practice” presented by TIRR Memorial Hermann Neurologic PT Residency Program; Houston, TX
 - Texas Physical Therapy Association (TPTA) Southeastern District (SED) April Meeting; Houston, TX
 - TPTA SED, February Meeting; Houston, TX
 - Combined Sections Meeting (CSM), APTA; Chicago, IL
 - “Ethics Overview: Application to the Clinical Setting;” Houston, TX
 - 2011
 - NeuroRecovery Network (NRN) Regional Training course; Houston, TX
 - APTA Clinical Instructor Credentialing Course; Houston, TX
 - PHYT 6090 “Special Topics in Evidence Based Practice and Critical Inquiry” 3 university credit hour course through UTMB’s School of Physical Therapy; Houston, TX
 - “Neurologic Practice Essentials: Clinical Decision Making as a Foundation for Expert Practice” presented by APTA Neurology Section; Houston, TX
 - PT 6913 “Clinically Applied Neuroscience” 3 university credit hour course through TWU’s School of Physical Therapy; Houston, TX
 - 2010
 - “Neurologic Practice Essentials: A Measurement Toolbox” presented by APTA Neurology Section; Houston, TX
 - Annual Conference, APTA; Boston, MA
 - “Locomotor Training” presented by TIRR Memorial Hermann; Houston, TX
 - “Ethics Overview: Application to the Clinical Setting;” Houston, TX
 - Combined Sections Meeting (CSM), APTA; San Diego, CA
 - Certified Brain Injury Specialist course; Houston, TX

- 2009
 - Neurological Management and Rehabilitation Courses “Stroke Management and Rehabilitation” and “The JFK Coma Recovery Scale – Revised” presented by JFK Johnson Rehabilitation Institute; Edison, NJ
- 2008
 - “You *Can* Teach an Old Dog New Tricks: CI Therapy and Harnessing Brain Plasticity in Neurorehabilitation” presented by Northeastern University Department of Biology Fall 2008 Colloquia; Boston, MA
 - “The Role of the Care Partner in the Successful Treatment of Parkinson’s Disease” presented by Boston University Center for Neurorehabilitation and the American Parkinson’s Disease Association; Boston, MA
- 2007
 - “Broaden Your Horizons: PT/PTA Seminar” presented by Boston University Physical Therapy Association; Boston, MA
 - National Student Conclave, APTA; Valley Forge, PA
 - Combined Sections Meeting (CSM), APTA; Boston, MA
- 2006
 - National Student Conclave, American Physical Therapy Association (APTA); Dallas, TX

HONORS

HONORS AND AWARDS:

- 2018 *Graduate Student Travel Award*
The Graduate School, University of Utah; Salt Lake City, UT
- 2017 *Best Abstract*
Utah Chapter of the American Physical Therapy Association
UPTA Annual Fall Conference 2017; Salt Lake City, UT
- 2010 *Clinical Education Award “commitment to professional growth as a clinical instructor”*
TIRR Memorial Hermann; Houston, TX
- 2007-2009 *Elected Student Representative*
BU PT Class of 2009
Boston University; Boston, MA
- 2006-2009 *Sargent Scholarship*
Boston University; Boston, MA
- 2008 *Ruth P. Hall Award Nominee*
Award of the Massachusetts Chapter of the American Physical Therapy Association
Selected as Boston University’s nominee
Boston University; Boston, MA
- 2005 *Cum Laude Graduate*
Honors Program Graduate
University of Georgia; Athens, GA
- 2001-2005 *Hope Scholarship*
University of Georgia; Athens, GA

SERVICE

INSTITUTIONAL SERVICE:

2018 - present *Volunteer Attending Physical Therapist*
Neuro Pro Bono Clinic
University of Utah Dept. of Physical Therapy & Athletic Training; Salt Lake City, UT

2014 - 2015 *Volunteer Attending Physical Therapist*
Student-Run Pro Bono Clinic
University of Utah Dept. of Physical Therapy & Athletic Training; Salt Lake City, UT

08/2011 *Volunteer Physical Therapist*
UTMB Pro Bono Physical Therapy Clinic at St. Vincent's House
University of Texas Medical Branch; Galveston, TX

2011 *Honorary Judge*
School of Physical Therapy Annual Research Day
Texas Woman's University; Houston, TX

COMMUNITY SERVICE:

07/2013 - 08/2013 *Volunteer Physical Therapist / Visiting Professor / Medical Relief Aid*
Health Volunteers Overseas (Washington DC)
Jigme Dorgi Wangchuck National Referral Hospital / Royal Institute of Health Sciences
Thimpu, Bhutan

02/2013 *Volunteer*
Race to Nowhere fundraiser
MidAmerica Multiple Sclerosis Achievement Center; Kansas City, MO

10/2011 *Volunteer Physical Therapist*
Project ReUnion/Casa Juan Diego pro bono clinic; Houston, TX

PROFESSIONAL SERVICE:

02/2020 - present *Member*
Neuroworx Institutional Review Board

04/2017 – 12/2020 *Task Force Member*
Knowledge Translation Core Measures Task Force
APTA Academy of Neurologic Physical Therapy

01/2014 - present *Item Writer*
Specialization Academy of Content Experts (SACE) for Neurologic Clinical Specialist Exam
American Board of Physical Therapy Specialties (ABPTS)

2013 - 2016 *Committee Member (Committee Chair from 2015-2016)*
Awards Committee
APTA Neurology Section

MANUSCRIPT REVIEWER AND EDITORIAL RESPONSIBILITIES:

Reviewer for: The Journal of Neuropsychology
Neuropsychology
The Journal of Motor Behavior
American Journal of Physical Medicine & Rehabilitation

PROFESSIONAL MEMBERSHIPS:

2006-present	American Physical Therapy Association (APTA)
2014-present	APTA Academy of Physical Therapy Research
2013-present	APTA Utah , a Chapter of the American Physical Therapy Association
2008-present	APTA Academy of Neurologic Physical Therapy
2012-2013	APTA Missouri , a Chapter of the American Physical Therapy Association
2009-2012	Texas Physical Therapy Association (TPTA)