



*Division of Therapy Services*

*Annual Scholarly Report: Fiscal year 2018*

The accomplishments outlined in this report showcase the work of our dedicated and talented therapists who strive on a daily basis to contribute new knowledge to the field of rehabilitation. In fiscal year 2018, research and educational presentations were presented by over sixty therapists at thirty professional conferences at the local, state, national and international levels. Seven articles were published in peer-reviewed journals and multiple awards and special recognition received. Congratulations to our therapists on an extremely successful fiscal year 2018!

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*Conference Presentations*

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<b><u>Palm Beach Shoulder Rehabilitation - State of the Art 2017</u></b>		
<b>August 19, 2017; Palm Beach, FL</b>		
<ul style="list-style-type: none"> <li>- Who is a good candidate for non-operative treatment of a known tear of the rotator cuff, and how does this rehab differ from a post-op patient?</li> <li>- Stiff shoulders. Classification and treatment strategies</li> <li>- Clinical Examination of the Shoulder</li> </ul>	<p><u>Brian Leggin, PT, DPT, OCS</u></p>	<p>Invited Speaker</p>

**American Professional Wound Care Association's 16th Annual National Clinical Conference**

**September 7-9, 2017; Philadelphia, PA**

The Effects of Hypothyroidism on Lymphedema and Wound Healing: A Case Study	<u>Erin Fazzari, PT, MPT, CLT, CWS</u> <u>Brittany Chervino, PT, DPT, CLT-LANA, WCC</u>	Poster Presentation
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**The 7<sup>th</sup> Annual Mid-Atlantic Shoulder and Elbow Society Meeting**

**September 8, 2017; Washington, DC**

Panel Discussion: Tough Primary Cuff Repair - This Isn't Your Old Fashioned Cuff Repair. Advances and Current Surgical Techniques	<u>Brian Leggin, PT, DPT, OCS</u>	Panel Discussion
Lateralized vs. Medialized Reverse Design Shoulder Replacement	<u>Martin J. Kelley, PT, DPT, OCS</u>	Debate

**Pennsylvania Occupational Therapy Association (POTA) Conference**

**October 6-7, 2017; State College, PA**

Cognitive and Functional Decline in Hospitalized Adult Stroke Patients	<u>Susan Whitworth, MOT, OTR/L</u>	Poster Presentation
OT Intervention for a Patient with Osmotic Demyelination Syndrome (ODS): A Case Report	<u>Jessica Kasper, MS, OTR/L</u>	Poster Presentation
Role of Occupational Therapy for a Patient with a Total Artificial Heart (TAH)	<u>Teresa Melick MOT, OTR/L, CBIS</u> <u>Malachy Clancy, MOT, OTR/L, BCPR</u>	Poster Presentation

**Pennsylvania Physical Therapy Association (PPTA) Conference**

**October 27-29, 2017; Seven Springs, PA**

Use of the Brief-BESTest to Assess Balance Impairment and Target Balance Interventions for People with Subacute Stroke: A Pilot Study	<u>Eric Johns, PT, DPT</u> <u>Carol Wamsley, PT, DPT, BS, NCS, CBIS</u> <u>Anne Whiting PT, DPT, GCS</u>	Poster Presentation
Physical Therapy Treatment & Management of a Person with Hemiballismus in the Outpatient Setting: A Case Report	<u>Adrianna Carey, PT, DPT</u>	Poster Presentation
Body Weight Supported Treadmill Training for a Patient with Lewy Body Dementia and a Transtibial Amputation	<u>Christopher Gorrell, PT, DPT</u>	Poster Presentation

<b><u>The Philadelphia Orthopaedic and Sports Rehab Foundation 2017 Lower Extremity Update</u></b>		
<b>October 27-28, 2017; Philadelphia, PA</b>		
– Patellofemoral Pain: The Influence of Lower Extremity Biomechanics and Nonop Rehabilitation – Rehabilitation of Meniscus Lesions: Is Therapy Better than Surgery?	<u>Brian Leggin, PT, DPT, OCS</u>	Education Sessions
Hamstring Injuries: Prevention and Rehabilitation	<u>Martin J. Kelley, PT, DPT, OCS</u>	Education Session
Current Concepts in the Prevention of ACL Injuries	<u>Jeffrey O’Neill, PT, DPT, OCS, Cert MDT</u>	Education Session
Pathogenesis and Rehabilitation of Ankle Instability	<u>Marisa Pontillo, PT, DPT, SCS, PhD</u>	Education Session
Assessing and Addressing Movement Dysfunction	<u>Brian Cammarota, PT, DPT, ATC, CSCS</u>	Education Session
Clinical Examination of the Knee and Hip	<u>Molly Dang, PT, DPT, OCS</u> <u>Martin Kelley, PT, DPT, OCS</u> <u>Michael Piercey, PT, DPT, OCS</u>	Workshop
Clinical Examination of the Foot and Ankle	<u>Marisa Pontillo, PT, DPT, SCS, PhD</u> <u>Cheryl Cocca, PT, DPT, OCS</u> <u>Michael Roberto, PT, DPT, OCS</u>	Workshop
Taping techniques for the lower extremity	<u>Jeffrey O’Neill, PT, DPT, OCS</u> <u>Gina Serago, PT, DPT, OCS</u> <u>Ryan Cummings, PT, MS, OCS</u>	Workshop
Addressing Movement Dysfunction with Postural Restoration Techniques and the Diaphragm	<u>Brian Cammarota, PT, DPT, ATC, CSCS</u>	Workshop

<b><u>Peter Como Huntington’s Disease Research Symposium at Huntington Study Group 2017</u></b>		
<b>November 2-4, 2017; Denver, CO</b>		
Effects of Physical Therapy Home Program Plus Community-Based Exercise Classes for a Person with Early-Stage Huntington’s Disease: A Case Report	<u>Adrianna Carey, PT, DPT</u>	Poster Presentation

<b><u>American College of Rheumatology/Association of Rheumatology Health Professionals Annual Scientific Meeting</u></b>		
<b>November 4-8, 2017; San Diego, CA</b>		
Management and Physical Therapy for Hypermobility Syndrome	<u>Corey Woldenberg, PT, DPT</u>	Invited Speaker

**American Association for Hand Surgery Conference**

**January 10-13, 2018; Phoenix, AZ**

Failed Nerve Decompressions - What is Next?	<u>Gayle K. Severance, MS, OT/L, CHT</u>	Invited Speaker
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**Parkinson Foundation's Webinar**

**January 16, 2018**

Freezing or Sweating Falls when Walking with Parkinson's disease	<u>Heather Cianci, PT, MSPT, MS, GCS</u>	Moderator
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**Advances in Throwing: Latest on Injury Treatment and Performance Optimization**

**January 22, 2018; Philadelphia, PA**

Kinetic Chain: Role and Core Evaluation	<u>Brian Leggin, PT, DPT, OCS</u>	Invited Speaker
Debate/Case Discussions	<u>Martin Kelley, PT, DPT, OCS</u>	Invited Speaker
Core and Kinetic Chain Injury Prevention: Evidence Based Approach	<u>Marisa Pontillo, PT, DPT, PhD, SCS</u>	Invited Speaker
Pitch Count, Curve balls etc...What is the Truth?	<u>Brian Cammarota, PT, DPT, ATC, CSCS</u>	Invited Speaker

**American Physical Therapy Association's Combined Sections Meeting**

**February 14-18, 2018; New Orleans, LA**

The Minimal Clinically Important Difference and Responsiveness of the Penn Shoulder Score, American Shoulder and Elbow Surgeons Shoulder Score, and QuickDASH in Patients With Shoulder Disorders	<u>Brian Leggin, PT, DPT, OCS</u> <u>Karen Havlicsek, PTA</u>	Platform Session Orthopaedic Section
Ability of Move2Perform Software to Identify Injury Risk in Division II Collegiate Athletes	<u>Marty Huegel, PT, MSc</u> <i>Co-presenters: A. Avery, J.L. Robinson, D. Sjoerdsman, C.O. Smith, C. Wise</i>	Education Session Sports Section
What is the Reasoning for RTS Testing after an Upper Extremity Injury?	<u>Marisa Pontillo, PT, DPT, PhD, SCS</u> <i>Co-presenters: George Davies, Kevin Wilk, Todd Ellenbecker</i>	Education Session Sports Section
Science Meets Practice: Kinetic Chain Influences on Upper Extremity Function, Performance and Injury	<u>Marisa Pontillo, PT, DPT, PhD, SCS</u> <i>Co-presenters: Ellen Shanley and Andrew Naylor</i>	Education Session Sports Section
Assessment, Biomechanics, and Prevention for Volleyball Athletes: Can you dig it?	<u>Marisa Pontillo, PT, DPT, PhD, SCS</u> <i>Co-presenters: Andrew Naylor, Mitch Salsbury and Wendy Hurd</i>	Education Session Sports Section

Early Mobilization of a Patient with Malignant Spinal Cord Compression Prior to Neurosurgical Intervention	<u>Melanie Quintans, PT, DPT</u>	Poster Presentation Oncology Section
Use of Neuromuscular Electrical Stimulation to Facilitate Lumbar Multifidus Activation Following a Lumbar Medial Branch Radiofrequency Ablation	<u>Michael Roberto PT, DPT, OCS</u> <u>John Barry PT, DPT</u>	Poster Presentation Orthopaedic Section
Use of the Brief-BESTest to Assess Balance Impairment and Target Balance Interventions for People with Subacute Stroke: a Pilot Study	<u>Eric Johns, PT, DPT</u> Carol Wamsley, PT, DPT, BS, NCS, CBIS Anne Whiting, PT, DPT, GCS, CBIS	Poster Presentation Neurology Section
Direct Access Physical Therapy Portal of Entry Compared with Physician Portal of Entry for Temple University Employees with Recent Onset Musculoskeletal Conditions: A Blinded Randomized Controlled Trial	Julie Fritz, PT, PhD, FAPTA Jason Brandi, PT, DPT, OCS Jingwei Wu, PhD <u>Alyson L. Malitsky, PT, DPT, OCS</u> Kristin M. Fleming, PT, DPT, OCS Rebecca R. Beidleman, PT, DPT Daniel Rhon, PT, DPT, DSc, OCS, FAAOMPT Mark G. Weiner, MD W. Geoffrey Wright, PhD	Platform Presentation Orthopaedic Section
Physical Therapy Treatment & Management of a Patient with Hemiballismus in the Outpatient Setting: A Case Report	<u>Adrianna Carey, PT, DPT</u>	Poster Presentation Neurology Section
A Multidisciplinary Approach to Improve Patient Outcomes in the Stroke Population in the Acute Care Setting	<u>Carolyn Haggerty PT, DPT</u> <u>William Pino, PT, DPT</u>	Poster Presentation Acute Care Section
Physical Therapy Wound and Functional Intervention in a Patient with an Open Abdomen and Acute Respiratory Distress Syndrome	<u>Elizabeth Steele, PT, DPT, CCS</u>	Platform Presentation Acute Care Section
– Women's Health Residency Panel – Women's Health "Think Tank" Discussion	<u>Lisa Sator, PT, DPT, WCS, CLT</u>	Panel Discussion Women's Health Section
Severe Neuropathic Glenohumeral Joint Resorption in an Older Woman Status Post Total Knee Arthroplasty: An Imaging Case Report	<u>Dan Safford, PT, DPT, OCS</u>	Poster Presentation Geriatrics Section
Hip Pain and Range of Motion Improve With Core Stabilized FABER and NMES to the Lumbar Extensors During FABER Test: A Case Series	<u>Michael Steimling PT, DPT, OCS</u> <u>Won Sung PT, DPT, Ph.D</u>	Poster Presentation Sports Section
Acute Exacerbation of Congestive Heart Failure (CHF) Following Total Hip Arthroplasty (THA) in the Outpatient Setting	<u>Michael O'Hara, PT, DPT, OCS</u>	Poster Presentation Orthopaedic Section

**2018 Winter Shoulder, Knee and Sports Meeting**

**February 21-24, 2018; Snowbird, UT**

<ul style="list-style-type: none"><li>- Rehabilitation of Anterior Instability</li><li>- Rehabilitation and Return to Sport After Instability Surgery</li><li>- The Role of the Scapula in Rehabilitation</li><li>- Rehabilitation of the Injured Rotator Cuff</li><li>- Rehabilitation After Rotator Cuff Repair</li><li>- Rehabilitation of the Overhead Athlete's Shoulder</li><li>- An Examination Algorithm of Scapular Muscle Dysfunction</li></ul>	<u>Martin Kelley, PT, DPT, OCS</u>	Invited Speaker
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**The 14<sup>th</sup> Annual Jean Feldman Memorial Rehab Conference**

**March 1, 2018; Mt. Laurel, NJ**

Advancements in Technology to Manage Symptoms and Improve Quality of Life	<u>GSPP Dan Aaron Parkinson Therapy Team</u>	Conference Hosts and Speakers
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**Multidisciplinary Approach to Speech, Dysphagia & Airway Management**

**March 10, 2018; Philadelphia, PA**

Quality vs. Quantity: Management of Feeding Issues in End of Life	<u>Nadine Amsterdam, MA, CCC-SLP</u>	Education session
Deep Brain Stimulation for Parkinson's Disease and Dystonia: Effects on Speech and Swallowing	<u>Meredith Pauly, MA, CCC-SLP</u>	Education session
Role of the SLP in the Care of Head and Neck Cancer Patients Before and After Transoral Robotic Surgery	<u>Tiffany Hogan, MA, CCC-SLP</u>	Education session
Esophageal Dysphagia and Aspiration Risk in Lung Transplant Patients: Applications for the Speech Pathologist	<u>Regina Carr, MS, CCC-SLP</u>	Education session
Quality of Life and Dysphagia in Chronic Critically Ill	<u>Randy Dubin, MA, CCC-SLP</u>	Education session
Evaluation and Treatment of Neurogenic Adult Population: An acute Rehab Therapist Perspective	<u>Katherine Walther, MA, CCC-SLP</u> <u>Molly Brightbill, MS, CCC-SLP, CBIS</u>	Education session

<b>44th Philadelphia Surgery and Rehabilitation of the Hand: Trending Topics in Hand to Shoulder Therapy</b> <b>March 23, 2018; Philadelphia, PA</b>		
<ul style="list-style-type: none"> <li>- Clinical Examination of the Wrist</li> <li>- Recovery of Function Following Hand and Upper Limb Amputation</li> <li>- Wound Management</li> </ul>	<u>Gayle K. Severance, MS, OT/L, CHT</u>	Education sessions
<ul style="list-style-type: none"> <li>- Conservative &amp; Postoperative Therapy for Rotator Cuff Tears</li> <li>- Clinical Examination of the Shoulder</li> </ul>	<u>Brian Leggin, PT, DPT, OCS</u>	Education sessions
<ul style="list-style-type: none"> <li>- Rehabilitation Following Elbow Fracture</li> <li>- Hand Assessment: Where is the Evidence?</li> </ul>	<u>Laura Walsh, MS, OT/L, CHT</u>	Education sessions

<b>International Society of Heart and Lung Transplantation Annual Conference</b> <b>April 11-14, 2018; Nice, France</b>		
Psychosocial Assessment for LVAD Candidates: A National Survey	<u>Malachy Clancy, MOT, OTR/L, BCPR</u>	Oral Presentation

<b>8th Annual National Association of Neonatal Therapists Conference</b> <b>April 13-14, 2018; Charlotte, NC</b>		
Supporting a Developmentally Appropriate Environment in the Intensive Care Nursery: A Training Program for Ancillary Staff and Supportive Services	Hani Dressler, MA, CCC-SLP Robin Elican-Madeja, MOT, OTR/L <u>Tiffany Hogan, MA, CCC-SLP</u> Jenna Rogers, PT, DPT Anastasiya Ruiz, PT, MSPT, CCI	Poster Presentation
The Infant Position Assessment Tool and a Unit Protocol to Improve Interdisciplinary Developmental Positioning in the Neonatal Intensive Care Unit	<u>Nicole Rudolph, MOT, OTR/L</u> Meredith Antanavage, MOT, OTR/L Jessica Barber, MSN, CRNP, NNP-BC, RNC	Education Session

**Pennsylvania Physical Therapy Association Southeastern District Mini Combined Sections Meeting**

**April 14, 2018: Philadelphia, PA**

An Evidence Based Approach to Physical Therapy Management of the Foot and Ankle	M. Alex Haddad PT, DPT, PhD, OCS <u>Michael O'Hara PT, DPT, OCS</u> <u>Michael Steimling PT, DPT, OCS</u> Trish Crane PT, DPT, OCS, FAAOMPT	Education and Lab Session
Obesity and Lymphedema: Screening and Comprehensive Physical Therapy Management	<u>Melinda Gross PT, DPT, CLT, WCS</u>	Education Session
Prevention and Rehabilitation of Osteoporosis in the Female Life Span: Best Conservative Practices	<u>Lucinda Hayburn PT, DPT, CLT, WCS</u>	Education Session

**American Head and Neck Society Meeting**

**April 18-19, 2018; National Harbor, MD**

A Model for Improved Timely Access and Utilization of Supportive Care for Head and Neck Cancer Patients	Debra DeMille, MS, RD, CSO <u>Meredith Pauly, MA, CCC-SLP</u> <u>Tiffany Hogan, MA, CCC-SLP</u> Mary Pat Lynch, CRNP, MS, AOCNP Jason G. Newman, MD, FACS	Poster Presentation
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**12th Annual Sanford Sports Medicine Symposium**

**April 20-21, 2018; Sioux Falls, SD**

<ul style="list-style-type: none"><li>- Rehabilitation Considerations for Upper Extremity Injuries in the Collision Athlete</li><li>- Current Concepts for Athletes Following ACLR</li><li>- Algorithmic Approach to Return to Play after Upper Extremity Injuries</li></ul>	<u>Marisa Pontillo, PT, DPT, PhD, SCS</u>	Education sessions
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**American Occupational Therapy Association's Annual Conference**

**April 19-22, 2018; Salt Lake City, UT**

Establishing and Increasing the Provision of Occupational Therapy Services in the Neonatal Intensive Care Unit Through Care Provider Collaboration	<u>Meredith Antanavage, MOT, OTR/L</u>	Poster Presentation
Use of the Infant Position Assessment Tool with a Standardized Positioning Bundle to Improve Developmental Positioning in the Neonatal Intensive Care Unit	<u>Meredith Antanavage, MOT, OTR/L</u> Jessica Barber, MSN, CRNP, NNP-BC, RNC <u>Nicole Rudolph, MOT, OTR/L</u> Whitney Zachritz, MSN, RN	Poster Presentation
Mindfulness and Meditation: A Treatment Intervention Option for the Occupational Therapist in the Inpatient Psychiatric Setting	<u>Alexis Sohinki, MS, OTR/L</u>	Poster Presentation
A Targeted Multidisciplinary Approach in the Acute Care Environment to Improve Patient Outcomes in the Stroke Population	<u>Susan Whitworth, MOT, OTR/L</u> <u>Malachy J. Clancy, MOT, OTR/L, BCPR</u> <i>Co-Authors:</i> William Pino, PT, DPT; Carolyn Haggerty, PT, DPT; Michael T. Mullen, MD, MSCE; Jean Luciano, MSN, CRNP; Amy Rose Montaruli, MSW; Colleen Chancler, PT, MHS, PhD; Janice Smolka, BSN, RN	Poster Presentation
Rehabilitation of a Medically Complex Total Artificial Heart Patient	<u>Malachy J. Clancy, MOT, OTR/L, BCPR</u> <u>Teresa Melick, MOT, OTR/L, CBIS</u> <u>Natalia Stroutinsky Sobotka, MS, OTR/L</u> <u>Lauren Rossi, MS, OTR/L</u>	Poster Presentation
Cognitive and Functional Decline in Hospitalized Adult Stroke Patients	<u>Susan Whitworth, MOT, OTR/L</u>	Poster Presentation
An Occupational Therapy Approach to Heart Failure Across the Continuum of Care	<u>Malachy Clancy, MOT, OTR/L, BCPR</u>	Poster Presentation
A Multisite Perspective of the Distinct Role of Occupational Therapy in the Care of the Left Ventricular Assist Device Patients	<u>Malachy Clancy, MOT, OTR/L, BCPR</u> <i>Co-presenters:</i> Phuong Nguyen, OTD, OTR/L, CLT; Dawn Bolen, OTR/L, CLT; Kelly Lawrence, OTR/L; Elyse Peterson, OTD, OTR/L, CCRP	Education Session
Integrating Mindfulness Strategies into Occupational Therapy for Parkinson's Disease	<u>Julia Wood, MOT, OTR/L</u> Davis Berzins, MSOT, OTR/L Alison Bell, OTD, OTR/L	Poster Presentation

<b><u>Penn Medicine Abramson Cancer Center's Strength &amp; Healing After Cancer</u></b> <b>April 27, 2018; Philadelphia, PA</b>		
Strength after Breast Cancer & Pelvic Floor Strength	<u>Lisa Sator, PT, DPT, WCS, CLT</u>	Invited Speaker

<b><u>Penn Medicine's Early Diagnosis: The Road to Better Therapies and Lewy Body Dementia Care</u></b> <b>May 8, 2018; Philadelphia, PA</b>		
The Role of Physical Therapy and Occupational Therapy in Lewy Body Dementia	<u>Heather Cianci, PT, MSPT, MS, GCS</u>	Education Session

<b><u>Penn Medicine Adult Extracorporeal Membrane Oxygenation (ECMO) Symposium</u></b> <b>May 11-12, 2018; Philadelphia, PA</b>		
Extracorporeal Membrane Oxygenation (ECMO) Rehabilitation	<u>Joseph Adler, PT, DPT, CCS</u>	Invited Speaker

<b><u>University of Pennsylvania Sports Performance Symposium</u></b> <b>May 19, 2018; Philadelphia, PA</b>		
Recovery Techniques in Sport	<u>Justin Shaginaw, PT, DPT, LAT, ATC</u>	Education Session
Evidence Based Approach To Upper Extremity Functional Testing and Return To Play	<u>Marisa Pontillo, PT, DPT, PhD, SCS</u>	Education Session

<b><u>27th Annual Penn Medicine Prosthetics Course</u></b> <b>May 24-25, 2018; Philadelphia, PA</b>		
Pre and Post-Prosthetic Rehab from a Therapist's Perspective	<u>Christopher Gorrell, PT, DPT</u>	Education Session

**Penn Medicine Physical Medicine & Rehabilitation – Good Shepherd Penn Partners 4th Annual Research Day**

**June 14, 2018; Philadelphia, PA**

The Health Status of Older Adults Discharged Home from an Acute Care Hospital: a Descriptive Study	<u>Colleen Chancler, PT, MHS, PhD</u>	Podium Presentation
Psychosocial Assessment for LVAD Candidates: A National Survey	<u>Malachy J. Clancy, MOT, OTR/L, BCPR</u>	Podium Presentation
The Minimal Clinically Important Difference and Responsiveness of the Penn Shoulder Score (PSS), American Shoulder and Elbow Surgeons Shoulder Score (ASES), and the QuickDash (QD) in Patients with Shoulder Disorders	<u>Brian G. Leggin, PT, DPT, OCS</u> Karen Havlicsek, PTA	Podium Presentation
Supporting a Developmentally Appropriate Environment in the Intensive Care Nursery: a Training Program for Ancillary Staff and Supportive Services	Hani Dressler, MA, CCC-SLP Robin Elican-Madeja, MOT, OTR/L Tiffany Hogan, MA, CCC-SLP Jenna Rogers, PT, DPT <u>Anastasiya Ruiz, PT, MSPT</u>	Poster Presentation
Outcomes After Exercise in a 73 year old male with PD with Deep Brain Stimulation	<u>Sabrina Mele PT, DPT</u>	Poster Presentation
A Targeted Multidisciplinary Approach in the Acute Care Environment to Improve Patient Outcomes in the Stroke Population	<u>Susan E. Whitworth, MOT, OTR/L</u> Malachy J. Clancy, MOT, OTR/L, BCPR; William Pino, PT, DPT; Carolyn Haggerty, PT, DPT; Michael T. Mullen, MD, MSCE; Jean Luciano, MSN, CRNP; Amy Rose Montaruli, MSW; Colleen Chancler, PT, MHS, PhD; Janice Smolka, BSN, RN	Poster Presentation
Mobilization for Persons with Acute Stroke: A Survey of Current Physical Therapy Clinical Practice	<u>Heather Dillon Anderson, PT, DPT, NCS;</u> Scott Biely, MSPT, PhD, OCS; Chelsea Carr- Epstein, DPT; Josie Dappah-Colon, DPT; Amy Hollenbeck, DPT; Haley Schell, DPT; Alyssa Sifer, DPT	Poster Presentation
The Infant Position Assessment Tool and a Unit Protocol to Improve Interdisciplinary Developmental Positioning in the Neonatal Intensive Care Unit	<u>Meredith Antanavage, MOT, OTR/L</u> <u>Nicole Rudolph, MOT, OTR/L</u>	Poster Presentation

Use of Neuromuscular Electrical Stimulation to Facilitate Lumbar Multifidus Activation following a Lumbar Medial Branch Radiofrequency Ablation	<u>John Barry, PT, DPT</u> Michael Roberto, PT, DPT, OCS	Poster Presentation
Early Mobilization of a Patient with Malignant Spinal Cord Compression Prior to Neurosurgical Intervention	<u>Melanie Quintans PT, DPT</u>	Poster Presentation
Rehabilitation Intervention for Anxiety: A Case Study	<u>Jessica Kasper, MS, OTR/L</u> <u>Carol A. Wamsley, PT, DPT, NCS, CBIS</u>	Poster Presentation
The Effects of Hypothyroidism on Lymphedema and Wound Healing: A Case Study	<u>Erin Fazzari, PT, MPT, CLT, CWS</u> <u>Brittany Chervino, PT, DPT, CLT-LANA, WCC</u>	Poster Presentation
Determining the Value of the Risk Assessment Prediction Tool when Initiating a Rapid Recovery Protocol	<u>Patrick Brennan, PT, MPT</u> <u>Andrew Mariani, PT, DPT</u>	Poster Presentation
A Model for Improved Timely Access and Utilization of Supportive Care for Head and Neck Cancer Patient	Debra DeMille, MS, RD, CSO <u>Meredith Pauly, MA, CCC-SLP</u> <u>Tiffany Hogan, MA, CCC-SLP</u> Mary Pat Lynch, CRNP, MS, AOCNP Jason G. Newman, MD, FACS	Poster Presentation
Mindfulness and Meditation: a Treatment Intervention Option for the Occupational Therapist in the Inpatient Psychiatric Setting	<u>Alexis Sohinki, MSOT, OTR/L</u>	Poster Presentation
Effects of Physical Therapy Home Program Plus Community-Based Exercise Classes for a Person with Early-Stage Huntington’s Disease: A Case Report	<u>Adrianna Carey, PT, DPT</u>	Poster Presentation
Physical Therapy Wound and Functional Intervention in a Patient with an Open Abdomen and Acute Respiratory Distress Syndrome	<u>Elizabeth Steele, PT, DPT, CCS</u>	Poster Presentation
Developing a Decisional Aid for Prophylactic Gastrostomy Tube Placement	<u>Tiffany Hogan, MA CCC-SLP</u> <u>Meredith Pauly, MA, CCC-SLP</u> Debra Demille, MS, RD, CSO Steven Cannady, MD	Poster Presentation
Visuospatial and Memory Impairments Correlate with Upper Limb Tracking Performance in Chronic Stroke: A Rehabilitation Robotics Approach	<u>Breanna Lyn, BS</u> Kevin Bui, BS Matthew Roland <u>Carol A. Wamsley, PT, DPT, NCS, CBIS</u> Michelle J. Johnson, PhD	Poster Presentation

**Michael J. Fox Foundation's Third Thursdays Webinars on Parkinson's Research**

**June 21, 2018**

Exercise and Parkinson's Disease	<u>Heather Cianci, PT, MSPT, MS, GCS</u>	Panelist
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**2nd Pan American Parkinson's Disease and Movement Disorders Congress**

**June 22-24, 2018, Miami, FL**

Outcomes After Exercise in the 73 year old Male with Parkinson's Disease with Deep Brain Stimulation	<u>Sabrina Mele, PT, DPT</u>	Poster Presentation
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## *Publications*

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### **Peer Reviewed:**

Costopoulos CL, Sachs IC, Graf KW, Kauffman RW, Mehta S. Lower Limb Morel-Lavallée Lesion Treated With Short-Stretch Compression Bandaging. *The American Journal of Orthopedics*. July/Aug (2017) E213-E218.

Cohn J, Geyer H, Lee J, Fisher MI. Oncology Section EDGE Taskforce on Urogenital Cancer Outcomes: Clinical Measures of Lymphedema- A Systematic Review. *Rehab Oncol* 2017;35:119–129.

Chorneya MA, Dubin, RM, Levine MS. Tracheobronchial foreign body aspiration in laryngectomized patient with tracheoesophageal voice prosthesis. *Clinical Imaging*. 49 (2018) 181–183.

Swanson RL, Hampton S, Green-McKenzie J, Diaz-Arrastia R, Grady S, Verma R, Biester R, Duda D, Wolf RL, Smith D. Neurological Manifestations Among US Government Personnel Reporting Directional Audible and Sensory Phenomena in Havana, Cuba. *JAMA*. 2018 Mar 20;319(11):1125-1133.

Courtwright AM, Zaleski D, Gardo L, Vivek A, Christie JD, Crespo M. et. Al. Causes, Preventability, and Cost of Unplanned Rehospitalizations Within 30 Days of Discharge After Lung Transplantation. *Transplantation*. 2018; 102(5);838-44.

Wattananon P, Intawachirarat N, Cannella M, Sung W, Silfies SP. Reduced instantaneous center of rotation movement in patients with low back pain. *Eur Spine J*. 2018 Jan;27(1):154-162.

Sung W, Wong A, Pourshogi A, Pourrezaei K, Silfies S. Near infrared spectroscopy confirms recruitment of specific lumbar extensors through neuromuscular electrical stimulation. *Physiother Theory Pract*. 2018 Jun 28:1-8.

### **Non-Peer Reviewed:**

Goren, M. Celebrating Hand Therapy Week with ALS Hope. *International Motor Neuron Disease Alliance Newsletter*. July 2017.

Shaginaw, J. Will Eagles' Carson Wentz be ready for next season after ACL surgery? December 2017, [www.philly.com](http://www.philly.com)

### **Books:**

Kelley MJ, Piercey MT. Rehabilitation for Neurological Issues. Disorders of the Scapula and Their Role in Shoulder Injury. Kibler, W. Ben, Sciascia, Aaron D. (Eds.) Springer, New York, New York, 2017.

## *Awards, Honors and Recognition*

2017 Philadelphia Area Clinical Education Consortium Scholarship	Mike Steimling PT, DPT, OCS		This scholarship provides financial support for a therapist to attend the APTA Educational Leadership Conference in October 13-15th, 2017 in Columbus, Ohio.
Named a Fellow of the American Society of Shoulder and Elbow Therapists	Martin Kelley, PT, DPT, OCS		The ASSET Fellow category distinguishes members who have fully committed themselves to moving the society forward from a service, research, and/or an educational standpoint.
2018 Arcadia University Adjunct Teaching Award	Joe Adler, PT, DPT, CCS		This annual award recognizes an outstanding part-time faculty member who is nominated for effectiveness in the classroom.
Cystic Fibrosis Foundation Grant	Colleen Chancler, PT, MHS, PhD Anita Shah, PT Rob Dekerlegand, PT, PhD, CCS Liz Steele, PT, DPT, CCS		The Hospital of the University of Pennsylvania was awarded a three-year grant from the Cystic Fibrosis Foundation in 2017 providing financial support for the integration of physical therapy into the Adult Cystic Fibrosis clinic at Penn Medicine.
Achieved American Board of Physical Therapy (ABPT) clinical specialization in 2017	Ross Fagnoli, PT, DPT, OCS	Orthopaedic	Honorees receive board specialization at the American Physical Therapy Association's (APTA) Combined Sections Meeting on February 14, 2018, in New Orleans, LA.
	Chandrashekhhar Kodali, PT, DPT, OCS	Orthopaedic	
	Michelle C. Lewis, PT, DPT, GCS	Geriatric	
	Sarah Martyn, PT, DPT, NCS	Neurologic	
Received first place in the Clinical Utility Category by the Academy of Neurologic PT Balance & Falls Special Interest Group	Eric Johns, PT, DPT Carol Wamsley, PT, DPT, BS, NCS, CBIS Anne Whiting, PT, DPT, GCS, CBIS		Awarded at the APTA Combined Sections Meeting for the poster presentation titled "Use of the Brief-BEST to Assess Balance Impairment and Target Balance Interventions for People with Subacute Stroke: A Pilot Study".
Awarded the APTA Cardiovascular and Pulmonary Section's Grant	Joe Adler PT, DPT, CCS Derek Zaleski PT, DPT Mike Tevald PT, Ph.D.		This grant was awarded for the proposal titled "Muscle Strength and Power In Lung Transplant".



APTA PTA Advanced Practice Proficiency in Geriatrics	Jenn Novik, PTA	The APTA Advanced Proficiency Pathways honors PTAs who demonstrate advanced proficiency in the physical therapy area of choice.
Fellows, American Academy of Orthopaedic Manual Physical Therapists	Michael Steimling PT, DPT, OCS, FAAOMPT (Regis University) Ejona Jeblonski, PT, DPT, COMT, FAAOMPT (Maitland Australian Physiotherapy Seminars)	A fellowship in orthopaedic manual physical therapy (OMPT) requires completion of coursework credits, mentor hours, a research project and a final practicum.
American Board of Physical Therapy Residency and Fellowship Education (ABPTRFE) Women's Health and Orthopaedic Residency Reaccreditation	Women's Health: Lisa Sator, PT, DPT, WCS, CLT and faculty Orthopaedic: Won Sung PT, DPT, PhD and faculty	The GSPP Women's Health and Orthopaedic Residency programs received approval for reaccreditation from the ABPTRFE. The reaccreditation is effective for 10 years.
Finalist for the Nursing, Health Science & Allied Health Excellence in Research Award from International Society of Heart and Lung Transplantation	Malachy J. Clancy, MOT, OTR/L, BCPR	This award was for the research presentation titled, "Psychosocial Assessment for LVAD Candidates: A National Survey".
Penn Center of Precision Medicine Accelerator Fund Award	Joshua M. Diamond, MD MSCE Andrew Courtwright, MD Derek Zaleski, PT, DPT and team	This award of \$80,000 was provided to fund the interdisciplinary project titled "PERSPIRE: Preventing Rehospitalization in Lung Transplant Recipients Utilizing Individualized Rehabilitation Prescriptions".
<u>PAH Quality Awards:</u> Operational Award	Tiffany Hogan, MA, CCC-SLP and team	Caring for a New Patient Population: Elevating the Practice of Medical Surgical Nurses
<u>HUP Quality Awards</u> Honorable Mention	William Pino, PT, DPT Malachy J. Clancy, MOT, OTR/L, BCPR Susan Whitworth, MOT, OTR/L Carolyn Haggerty, PT, DPT Colleen Chancler, PT, MHS, PhD and team	Disease Specific Therapy Services Intervention to Reduce Length of Stay for Stroke

<p><u>UPHS Quality Awards:</u> Honorable Mention</p>	<p>Nadine J. Amsterdam, MS, CCC-SLP Randy Dubin, MA, CCC-SLP Tiffany Hogan, MA, CCC-SLP Kelly Butler, PT, DPT CCS Jenna Rogers, PT, DPT and team</p>	<p>Decreasing the Incidence of Aspiration Pneumonia across the Penn Medicine Health System: A Report from the RAsPI (Reducing Aspiration Pneumonia Initiative) Collaborative</p>
<p><u>GSPP Quality Awards:</u> Quality and Patient Safety Awards</p>	<p>Kjisten Robin, MS, OTR/L, CBIS Joseph Muniak, MS, OTD, OTR/L Tarah McCloskey, PT, DPT and team</p>	<p>Multifaceted Interdisciplinary Approach to Reducing Falls</p>

## *Collaborative Research Projects*

<b><u>Project Title</u></b>	<b><u>Staff Involved</u></b>	<b><u>Collaborators</u></b>
Frailty and Predicting Unplanned Lung Transplant Readmissions	Derek Zaleski, PT, DPT	<ul style="list-style-type: none"> <li>• Penn Medicine Lung Transplant Team</li> </ul>
Use of the “My Penn Transplant Coach” App in Transplant Candidates and Recipients: A Prospective Feasibility Study	Derek Zaleski, PT, DPT Sarah Daly, PTA	<ul style="list-style-type: none"> <li>• Penn Medicine Lung Transplant Team</li> </ul>
The Arthroscopic Rotator Cuff (ARC) Trial	Marisa Pontillo, PT, DPT, PhD, SCS	<ul style="list-style-type: none"> <li>• Vanderbilt University</li> </ul>
Identifying Isolation of Multifidus Activation with NMES Using Near Infrared Spectroscopy	Won Sung, PT, DPT, PhD	<ul style="list-style-type: none"> <li>• Drexel University Faculty</li> </ul>
The Relationship Between Core Stability and Shoulder Injuries in Athletes	Marisa Pontillo, PT, DPT, PhD, SCS	<ul style="list-style-type: none"> <li>• Drexel University Faculty</li> </ul>
Identifying Isolation of Multifidus Activation with NMES Using RUSI	Won Sung, PT, DPT, PhD	<ul style="list-style-type: none"> <li>• Drexel University Faculty</li> </ul>
Analysis of Muscle Activation Patterns in Patients with Aberrant Movement Patterns who Fit a Diagnosis of Movement Control Impairments of the Spine	Won Sung, PT, DPT, PhD	<ul style="list-style-type: none"> <li>• Drexel University Faculty</li> </ul>
Movement Precision and Control in Patients with Low Back Pain	Won Sung, PT, DPT, PhD	<ul style="list-style-type: none"> <li>• Drexel University Faculty</li> </ul>
Kinematic Analysis of the Forward Bend Characteristics to Predict Patients with Movement Coordination Impairments of the Trunk	Won Sung, PT, DPT, PhD	<ul style="list-style-type: none"> <li>• Drexel University Faculty</li> </ul>
Mechanistic validation of current clinical prediction rules for predicting success with trunk stabilization exercises	Won Sung, PT, DPT, PhD	<ul style="list-style-type: none"> <li>• Drexel University Faculty</li> </ul>
Thera-Drive	Carol Ann Wamsley, PT, DPT, BS, NCS, CBIS	<ul style="list-style-type: none"> <li>• Dr. Michelle Johnson, Department of Physical Medicine and Rehabilitation, Penn Medicine</li> </ul>
Neural and Motor Functional Changes in HIV and Stroke Before and After Robot-Assisted Neurorehabilitation	Carol Ann Wamsley, PT, DPT, BS, NCS, CBIS	<ul style="list-style-type: none"> <li>• Dr. Michelle Johnson, Department of Physical Medicine and Rehabilitation, Penn Medicine</li> </ul>

Design of an Affordable Gym for Post Stroke Rehabilitation	Carol Ann Wamsley, PT, DPT, BS, NCS, CBIS	<ul style="list-style-type: none"> <li>• Dr. Michelle Johnson, Department of Physical Medicine &amp; Rehabilitation, Penn Medicine</li> </ul>
A Phase 2 Randomized, Double-Blind, Placebo-Controlled Efficacy and Safety Study of a RARγ-Specific Agonist (Palovarotene) in the Treatment of Preosseous Flare-ups in Subjects with Fibrodysplasia Ossificans Progressiva (FOP)	Sarah Martyn, PT, DPT, NCS Carolyn Haggerty, PT, DPT Claire Marine, PT, DPT Cassandra Deitrick, PT, DPT	<ul style="list-style-type: none"> <li>• Dr. Kaplan, Department of Orthopaedics, Penn Medicine</li> </ul>
ASPIRE Study	Elsa Amaral, PT, DPT, OCS Sarah Martyn, PT, DPT, NCS	<ul style="list-style-type: none"> <li>• Penn Medicine Hemophilia Team</li> </ul>
PROWALKS Study: Promoting Recovery Optimization with WALKing Exercise after Stroke	Sarah Martyn, PT, DPT, NCS Shannon Marriner, PT, DPT, NCS Colleen Jones, PT, DPT, NCS Kyle Cunningham, PT, DPT Kathy Siciliano, PT, DPT	<ul style="list-style-type: none"> <li>• Dr. Scott Kasner, Professor of Neurology, Stroke Division, Penn Medicine and Dr. Darcy Reisman, Professor of Physical Therapy, University of Delaware</li> </ul>
Defining Components of Physical Therapy Achieving Maximum Function after Total Knee Replacement (TKR)	Christopher Runkle, PT, DPT, CSCS	<ul style="list-style-type: none"> <li>• Dr. Carol Oatis, Professor of Physical Therapy, Arcadia University</li> </ul>
A Phase 2 Randomized, Double-Blind, Placebo-Controlled Study of ACE-083 in Patients with Facioscapulohumeral Muscular Dystrophy	Kyle Cunningham, PT, DPT Lauren Draper, PT, DPT Joy Cohn, PT, CLT-LANA	<ul style="list-style-type: none"> <li>• Dr. Lauren Elman, Department of Neurology, Penn Medicine</li> </ul>
A Phase 2 Randomized, Double-Blind, Placebo-Controlled Study of ACE-083 in Patients with Charcot-Marie-Tooth Disease Types 1 and X	Kyle Cunningham, PT, DPT Lauren Draper, PT, DPT	<ul style="list-style-type: none"> <li>• Dr. Colin Quinn, Department of Neurology, Penn Medicine</li> </ul>
Functional Outcome Measures for Head and Neck Patients	Meredith Pauly, MA, CCC-SLP Tiffany Hogan, MA, CCC-SLP	<ul style="list-style-type: none"> <li>• Dr. Steven Cannady, Department of Otorhinolaryngology, Penn Medicine</li> </ul>
Reliability and Validity of a New Clinical Measurement of Shoulder Function: The Functional Arm and Shoulder Test	Dan Safford, PT, DPT, OCS, CSCS Various outpatient clinicians	<ul style="list-style-type: none"> <li>• Dr. Phil McClure, Professor of Physical Therapy, Arcadia University</li> </ul>
SpartaTrac Force Plate System: Reliability & Injury Prevention	Marisa Pontillo, PT, DPT, PhD, SCS	<ul style="list-style-type: none"> <li>• Penn Medicine Orthopedics</li> </ul>
Cancer-Related Fatigue Clinical Practice Guidelines Work Group	Joy Cohn, PT, CLT-LANA	<ul style="list-style-type: none"> <li>• American Physical Therapy Association's Oncology Section</li> </ul>
Supporting Older Adults At-Risk (SOAR)	Rebecca Trotta PhD, RN Colleen Chancler PT, MHS, PhD Founder's Medicine Occupational and Physical Therapists	<ul style="list-style-type: none"> <li>• Hospital of the University of Pennsylvania Nursing</li> </ul>

