

2019 Newsletter - Winter Edition

NORTHEASTERN UNIVERSITY



Department of Physical Therapy, Movement and Rehabilitation Sciences

- Physical Therapy Program Accredited since 1930
- Only U.S. Physical Therapy Program with Co-op Education
- International Academic Experiences
- High-Fidelity Simulation and Inter-Professional Experiences

Programs

- DPT--Freshman Assurance
- DPT--Post-Baccalaureate
- tDPT--Transitional Doctorate in Physical Therapy
- Graduate Certificate Occupational Ergonomics & Health
- CAS Orthopedic Physical Therapy
- Early Intervention Certificate
- Sports Performance Concentration
- Sports Physical Therapy Clinical Residency
- Rehabilitation and Epidemiology Trainee Program

Research Centers & Labs

- Laboratory for Locomotion Research
- The ReGameVR Laboratory
- Center for Cognitive and Brain Health
- Movement Neuroscience Laboratory
- Neurophysiology Laboratory
- Occupational Biomechanics and Ergonomics Lab
- Teaching and Learning Innovation Center
- Human Anatomy/Cadaver Laboratory
- Neuromotor Systems Laboratory

Chair's Message



It is an exciting time in Department of Physical Therapy, Movement and Rehabilitation Sciences at Northeastern University at the start of 2019.

We have had several advancements in excellence in human movement education. We are pleased to announce our newly approved Doctoral of Philosophy Program in Human Movement and Rehabilitation Sciences. This new Ph.D. program will prepare graduates to conduct independent (original) basic, translational, and applied research in Human Movement and Rehabilitation Sciences. The goal is to create new knowledge about neuromotor mechanisms and methods of restoring and maximizing human functional capacity and wellbeing across the lifespan. Our first class of PhD students will join us in Fall 2019. Please read on into the newsletter for further information.



Northeastern University
Department of Physical
Therapy



@NUPTMRS
#NortheasternDPT

Northeastern University
Bouvé College of Health Sciences

Chair's Message - continued

We have completed the approval process of a curricular transition to a graduate only DPT program. Our last Freshman Assurance class joined us in Fall of 2018 and will be with us for six more years, with our last cohort graduating in 2024. We will continue to admit post-baccalaureate students throughout this transition, and our first admissions cycle for our Graduate only curriculum will open soon for students to enter in Summer of 2020. Our curriculum continues to advance DPT education through experiential learning, including full time cooperative and clinical education experiences, simulation, and research projects.

Our faculty have been extended: Dr. Charles Hillman has joined us as a joint faculty member, partnering our College with the College of Science in research and education on cognitive brain health. In addition, Dr. Joshua Stefanik has rejoined our faculty. Collectively, we now have 31 full time faculty, as well as numerous part time faculty providing expertise across our department. Our faculty continue to make substantial contributions to the local, regional and global community through research, education and service.

After 45 years at Northeastern, Dr. Susan Hallenborg Ventura will be retiring at the end of the Academic Year. Throughout her years of teaching, she has shared her expertise in psychosocial aspects of healthcare, assistive technology and clinical education to her many students. We are extremely thankful for Susan's many years of dedication and service to our Department.

The department and DPT program continue to advance the body of science that informs physical therapists' practice. Featured in this issue is our Sports Performance Concentration and alumni highlights in this area. We are privileged to have oversight of this program from Assistant Clinical Professor and Rehabilitation Director of the Sports Performance Department Dr. Steve Clark, Associate Clinical Professor and Director of Clinical Education Dr. Chris Cesario and previous work by Associate Faculty Dr. Adam Thomas in the development and success of the sports performance concentration.

We encourage Alumni and students continue to be involved in our department, through development, clinical education partnerships, mentorship or participating in our new DPT advisory council. We welcome Alumni to share their career stories with us, so that we can share throughout our Northeastern PTMRS social network. Continue to follow us on Facebook and Twitter. We look forward to seeing many of you at upcoming conferences. Continue to check back on our website for ongoing details on faculty, student and alumni accomplishments.

It is an ongoing privilege to teach and learn alongside esteemed faculty, outstanding students and proud and dedicated alumni at the University where I began. As an alumna and educator, there is no better place to be than Northeastern University.

Sincerely,

Dr. Kristin Curry Greenwood PT, DPT, EdD, MS, GCS

Faculty Transitions



Christopher Cesario, PT, DPT, MBA was promoted to Associate Clinical Professor. His work as a clinical faculty member is informed by a rich background in health care, which includes 23 years of clinical practice and administrative experience. He was recognized for excellence as both a didactic and clinical educator, as well as his success with service and scholarship. His research focuses on clinical education and ACL injury prevention. His pro bono clinical work is done at a VA Hospital in Brockton, MA.



Steve Clark, PT, DPT, MS, ATC, CSCS was named Rehabilitation Director for the Northeastern Sports Performance Department 2018. In this role he will coordinate care plans for varsity student-athletes, advise Sports Medicine staff, and continue to mentor our NU/MGH Sports Physical Therapy residents. In his faculty role Steve directs the Sports Performance Concentration, assists with the Sports Residency, and teaches in the sports medicine and musculoskeletal tracks. In addition to this, he also became an APTA Board-Certified Specialist in Sports Physical Therapy.



Alycia Markowski, PT, DPT, MPhyS, FAAOMPT was promoted to Clinical Professor in the Department of PTMRS. She is certified in Musculoskeletal Ultrasound Imaging, a Certified Orthopedic Specialist and Fellow of the American Academy of Orthopedic Manual Physical Therapy. In addition to teaching in the Musculoskeletal track she is director of Curricular Affairs for the Department. Her research focuses on the scholarship of teaching and learning to include ultrasound imaging and evidence informed practice.



Eugene Tunik, PT, PhD was promoted to Professor in the Department of PTMRS. His work in academia spans 19 years of research in the area of neuroscience and motor control, teaching on related topics. As a clinician, he practiced in neurological, orthopedic, and pediatric areas of physical therapy. At Northeastern University, Dr. Tunik is the Associate Dean for Research at the Bouve College of Health Sciences, and directs a federally-funded Movement Neuroscience Laboratory. The focus of the lab is the study neural control of movement, with specific emphasis on virtual reality and non-invasive brain stimulation, and applications for individuals with movement disorders.



Matt Nippins PT, DPT was promoted to Associate Clinical Professor. He is an APTA Board-Certified Specialist in Cardiovascular and Pulmonary Physical Therapy. He currently teaches in the Cardiovascular Pulmonary Management, Pathology, Online Cooperative Education Discussion Board and College: An Introduction classes within the program. His clinical work is at Massachusetts General Hospital and has focused on the care of adults and children with cystic fibrosis, cardiovascular and pulmonary impairments. His research has focused on activity and exercise in patients with cystic fibrosis as well as the involvement of physical therapy with that patient population.

Faculty Additions



Prior to coming to Northeastern Dr. Joshua Stefanik was an Assistant Professor of Physical Therapy at the University of Delaware. He received his M.S. in Physical Therapy from Northeastern and his PhD in Anatomy and Neurobiology from Boston University School of Medicine where he also did a postdoctoral fellowship in Clinical Epidemiology. Dr. Stefanik's primary research interests are in the field of knee (patellofemoral joint) osteoarthritis, knee pain, and lower extremity biomechanics. Dr. Stefanik was recently awarded a NIH K23 research grant for a project titled 'The relation of altered pain processing to impact loading and response to a gait retraining intervention in knee osteoarthritis.'



Dr. Charles Hillman began his career at the University of Illinois in 2000, where he was a Professor in the Department of Kinesiology and Community Health. He moved to Northeastern University in 2016, where he holds appointments in the Department of Psychology and the Department of Physical Therapy, Movement, & Rehabilitation Sciences. He is the Associate Director in the Center for Cognitive and Brain Health, which has the mission of understanding the role of lifestyle behaviors on brain and cognition to maximize health and well-being. Dr. Hillman has published 200 refereed journal articles and his work has been funded by the National Institutes of Health for the last 15 years. He was a member of the 2018 HHS Physical Activity Guidelines for American's Scientific Advisory Committee, and his research has been featured on CNN, National Public Radio, Good Morning America, Newsweek, and the New York Times.

Celebrating the Retirement of One of Our Own

By Lindsay Hallenborg Ventura NU '11

Dr. Susan Ventura will be retiring from her position as Associate Clinical Professor at Northeastern University in April. Dr. Ventura is a Triple Husky, having earned a BS in PT in 1980, a Master's in Education in 1983, and a PhD in Law, Policy and Society in 2005. Susan dedicated much of her professional life to Northeastern. Her affiliation with the University started in 1974 when she served as a secretary for the Dean of Arts and Sciences. This position allowed her to take night classes toward a degree and introduced her to her first husband, Charlie Hallenborg, who was an Associate University Registrar at the time. He later became Dean of University Planning and Operations under President John (Jack) Curry, a position which he enjoyed until his untimely death in 1991. The University honored Charlie's contributions by establishing Hallenborg Walkway, which is still in place in West Village, and the Hallenborg Memorial Scholarship which continues to be awarded to PT students today.



Celebrating the Retirement of One of Our Own



Dr. Ventura began her studies at Northeastern as a Mechanical Engineering major, but soon realized she wanted to work with people rather than machines. Upon graduation, Susan went to work for her former co-op employer, Tufts New England Medical Center, as a staff PT. She immediately embraced her profession, making it her own. Susan expressed her ongoing interest in engineering concepts by co-founding one of the first wheelchair clinics in the country at Tufts and further expanded her interest in rehab medicine as an official for the New England Wheelchair Athletic Association.

Susan left Tufts and founded Equipment Prescription Services in 1985. The company allowed her to expand wheelchair clinics at rehab hospitals throughout Massachusetts, provide consultation services to Massachusetts Medicaid to improve their prior authorization services for people with disabilities, and work with durable medical equipment providers to improve services related to wheelchair provision.

Susan returned to Northeastern University in 1995 as Associate Clinical Professor and Director of Clinical Education in the Department of Physical Therapy. Her role as a professor has enabled Dr. Ventura to pass along her expertise in wheelchair prescription to thousands of current and future physical therapists. Dr. Ventura has also contributed to the professional development of her students, particularly with respect to the psychosocial aspects of care. She and three of colleagues from the department co-authored a much-needed textbook entitled, *Psychosocial Aspects of Health Care* (now in its 3rd edition), which provides the foundation for a course in the curriculum by the same name.

Dr. Ventura has been a long-time advocate for people with disabilities and feels this is one of the highlights of her career. She enthusiastically joins people with disabilities in advocacy efforts to ensure their voices are heard. Susan established a formal partnership with the Massachusetts Rehabilitation Commission and worked with the Commission and University to co-host the Annual Consumer Conference for more than 100 people with disabilities for two consecutive years in the 1990s. She served as a governor-appointed member of the Massachusetts State Rehab Council and the Advisory Board of MassMATCH, a federally-funded program designed to ensure that people with disabilities obtain the assistive technology they need to ensure a high quality of life. Susan's involvement with the Massachusetts State Rehab Council has introduced an ongoing relationship with the University through involvement of Community Consultants in PT lab courses. She has also been a long-time member of the Rehabilitation and Assistive Technology Society of North America through which she earned credentials as an Assistive Technology Professional and Seating and Mobility Specialist.

Dr. Ventura has also expressed her passion for assistive technology by working with faculty in the College of Engineering to co-mentor PT and engineering students interested in designing devices for people with disabilities. Dr. Ventura has witnessed amazing advances in wheelchair technology and is excited to see the positive impact those advances have made in the lives of people with disabilities. She hopes that through continuing connections with technology and engineering, physical therapists will be able to better meet the needs of people with disabilities.

Dr. Susan Ventura's legacy is one which will persist on campus and beyond. A few weeks ago, I was standing out on Beacon Street when a woman ran by wearing a Northeastern University shirt. As a Husky myself, I called out "GO NU!" The woman slowed, smiling. I noticed her shirt also said Physical Therapy. I asked, "do you know Susan Ventura?" She smiled wider and said, "yes, she is my professor and she is awesome." This response is nothing new to me; nearly everyone I've met who has studied PT at Northeastern in the last 24 years has been influenced by my mom, Susan Ventura.

Alumni Feature



This fall, our beloved Boston Red Sox brought home another World Series title. With their record setting season and promise to #DoDamage to the rest of the league, this was a true team effort. Our alumnus, Adam Thomas, PT, DPT, SCS, ATC served as a team physical therapist for the past three seasons and was a vital part of keeping the players healthy. We had a chance to catch up with him and ask a few questions about this experience.

1. How do you think opportunities at Northeastern aided in paving your way to such a successful career?

My NU experiences included an undergraduate degree in Athletic Training and a Doctorate in Physical Therapy. It was the co-op program that allowed me opportunities to interview, prepare a resume, and most of all, fail. It allowed me to learn from mistakes. I have always had the mindset that if you want something, no one will hand it to you.

2. When did physical therapy become your career goal? How have your goals changed throughout your career?

When I was younger, I wanted to work with athletes as a health care provider and athletic training made more sense at the time. When I started teaching at Northeastern, I was exposed to physical therapy and it opened my eyes to a profession that could help me become a better health care provider. Earning my DPT was the best career decision I have ever made. As for my career goals changing, I have always wanted to work professional sports. I was fortunate to work in minor league baseball and professional lacrosse and now in major league baseball. I have been realistic in setting goals, but yet I set them high enough that I will need to work hard for them to be possible.

3. Is it different working with professional baseball players vs. typical physical therapy clients?

Yes. When working in an outpatient clinic, you may see a patient 2-3 times a week. You also modify activities based on their pain/limitations. In my current role, I see these athletes 7 days a week from February through October. I may spend 1-3 hours working on an athlete daily versus 1 hour 2-3 days a week. Additionally, an athlete may have pain with a movement pattern or functional activity vital to them being successful on the field. I need to find a way to assist this player in a short time frame, so he can perform at an optimal level that night. Baseball players play 162 games in 186 days, so time to rest injuries and recover aren't optimal in season.

Alumni Feature - continued



Adam and wife, Jessica Dzierga, DPT '09 celebrating at the duck boat parade.

4. What is a typical day look like for the Red Sox medical staff in season?

For a 7 PM game, we get to the field at 12:30 PM. We usually have a medical staff meeting until 1 PM and start treating players around 1:30 PM. Batting practice is around 4:15 PM, so most players are outside, however we will have some pitchers inside who need treatment. Around 5:30-6:45 PM we are treating guys and preparing for the game. I usually treat a pitcher in the 2-4th innings and then do my daily treatment and rehab notes in the 5th inning. I head to cover the dugout by the end of the 6th inning until the end of the game.

5. What is your advice for Northeastern students just now entering the physical therapy field ?

Be prepared to fail, understand that nothing is handed to you, and make connections. If you want to be a top notch PT who works in the world of professional sports, you may have to sacrifice to get there. You have to be comfortable being uncomfortable. Realize that when you are a younger student, you aren't expected to know complex interventions or techniques, but it doesn't mean you can't be curious about it. Make professional connections with people – administrators, professors, PTs, PTAs, ATCs, OTs, etc. Ask questions, not because you think you have to, but because you want to learn and expand your knowledge.

6. What is most rewarding about the work you do? What do you take away from your job?

The most rewarding part is working on players and getting them healthier in preparation for the game. Also, seeing them succeed on the field, knowing I had a hand in getting them prepared for that game. As far as what I take away from my job, I have become a much better clinician. In my 3+ years with the team, I have improved my manual therapy skills and I have improved immensely as a physical therapist. The clinicians I work with challenge each other to deliver the best care possible and have been great resources to bounce ideas off and co-treat with. When the season starts we have one team goal – and that is to win the World Series, and it was amazing to accomplish that and be a part of it.

7. How do you connect with your patients in professional baseball?

These players are no different from any other patients we work with in physical therapy clinics – so I make personal connections with them and I listen and give realistic feedback.

8. Do you ever get to throw, field, or hit with the team?

Sometimes we will need to throw with guys who may be on rehab, but overall, no. Having me field and hit with the team is not something that I would do, it doesn't help the team or me get better AND I'm terrible at baseball. They didn't hire me to hit or field, thankfully!



NUPT Huskies In Sports Medicine



Cara Baxter, PT, DPT '14 Bow, NH

Since graduating and leaving Northeastern Cara has completed Concussion Management certification through Evidence in Motion (EIM) and Emergency Medical Responder certification. She was Head Physical Therapist for the US Freeski Halfpipe Team, culminating with on-hill medical coverage at the 2018 Winter Olympic Games in PyeongChang, where her men's team won gold and silver while the women's team won bronze. She is currently the Regional Director for The Sports Neurology Clinic in Park City, UT. Her tips for success are to volunteer often, pursue opportunities to strengthen your weaknesses, and always remain athlete-centered in your care.

Caitlyn Beltrani, PT, DPT '14, FAAOMPT Setauket, NY



Katie completed the Houston Methodist Sugar Land Hospital Sports Physical Therapy Residency and became Board-Certified in Sports PT in 2016, then completed a fellowship in manual therapy with the Institute for Athletic Regeneration (IAR). Currently practices in Reno, NV, including with athletic trainers at the University of Nevada, Reno. Her advice is to challenge yourself, always be open to new ideas and never stop asking questions.

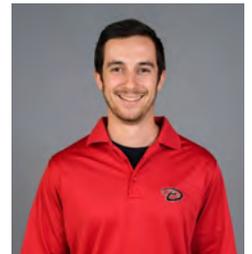


Ryan Donahue, PT, DPT '12, CSCS Andover, MA

Ryan earned a bachelor's degree in Kinesiology at the University of Connecticut prior to his DPT at Northeastern, where he interned with the Sports Performance Department. Since he's become a Board-Certified Specialist in Sports Physical Therapy, worked with Dr. James Andrews for 3+ years and is currently the Rehabilitation Coordinator for the San Francisco 49ers in the NFL. Ryan's advice is to not just network but build relationships, have fun and enjoy the process, and outwork your competition.

In 2014 Ryan married Bridgette Trometer, also NU DPT '12.

Max Esposito, PT, DPT '16, ATC Rye, NH



After graduating as a student of our Sports, Strength and Conditioning concentration Max started out in Minor League Baseball and along the way earned his MS in Athletic Training from Idaho State University. He is currently the Assistant Minor League Medical Coordinator for the Arizona Diamondbacks. His advice is to learn from as many people as you can and always ask questions. There is something to be learned from everyone.



Courtney McNamara, PT, DPT '14, ATC, CSCS Weymouth, MA

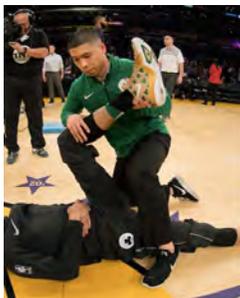
Courtney was student in our Sports Concentration and has earned a Master's in Athletic Training from Bridgewater State University. She has completed training in dry needling and is now Associate Athletic Trainer/Physical Therapist at University of Notre Dame where she works with the Swimming and Diving team and assists with care for Olympic Sports. Her tips for success are to stay hungry, network, but always do what you can to keep your patients safe, healthy, and happy.

Alex Plum, PT, DPT '17, CSCS Killingsworth, CT



At Northeastern Alex graduated as part of our Sports, Strength and Conditioning concentration while working closely with the Sports Performance Department serving athletics. Since he has earned his CSCS credential through the NSCA and Functional Range Release certification for the Upper Extremity. He is currently the Assistant Minor League Medical Coordinator for the Philadelphia Phillies. Alex' advice is to seek answers from mentors and continuing education, but also learn from working with peers.

NUPT Huskies In Sports Medicine



Nick Sang, PT, DPT '17, ATC, CSCS Queens, NY

Since graduation Nick has earned his Master's in Athletic Training from Salem State University, become a Certified Athletic Trainer, and earned his CSCS credential while working clinically and volunteering with the Boston Celtics medical staff. His advice to young clinicians is to build lasting relationships, stay humble, and be willing to sacrifice free time outside of work and school to seek opportunities. His hard work and dedication has paid off - he is now a full-time Physical Therapist/Athletic Trainer with the Celtics.

Candace Young, PT, DPT '16, CSCS Tappan, NY

Candace was part of our second cohort of Sports, Strength and Conditioning Concentration graduates. Since she's earned her CSCS credential and worked in outpatient physical therapy. She is currently a Resident in the University of Florida Sports Residency program. Her keys for success are to stay motivated, ambitious, and curious.



Lauren Ziaks, PT, DPT '12, BSAT '09, ATC Windsor, CT



Lauren earned her DPT degree after completing her Bachelors in Athletic Training from Northeastern. She has since pursued advanced training in concussion, vision therapy and Vestibular Rehabilitation Therapy with American Institute of Balance. She has worked with the US Ski and Snowboarding team, and is currently is a Concussion Specialist at Park City Hospital in Utah. Her keys to success are don't listen to people who say "it can't be done" or let failure deter you, and keep your head down and grind until you reach your goals.

The following are other NU PT alumnae working in sports medicine and performance positions. If we've missed you, please email Steve Clark at s.clark@northeastern.edu to keep in touch and update us on the great things you're doing!

Kevin Avilla, PT, DPT '12, MS, ATC – Minor League Physical Therapist, Boston Red Sox

Isabella Dirado, PT, DPT '16 - Staff Physical Therapist, MGH Sports Physical Therapy

John Furtado, PT '93, MS, ATC - Physical Therapist/Athletic Trainer, Princeton University

Rick Gaeta, PT, DPT '18 – current Sports PT Resident, University of Texas Southwestern

Patrick Gilbert, PT, DPT '16, ATC, CSCS – Physical Therapist/Athletic Trainer, Indiana Pacers

Eli Harris, PT, DPT '14, SCS - Staff Physical Therapist, MGH Sports Physical Therapy

Jared Lewis, PT, DPT '11, ATC – Physical Therapist/Athletic Trainer, New Orleans Pelicans

Keke Lyles DPT '11 - Executive Director of Player Performance, Atlanta Hawks

Mike Roncarati, PT, DPT '11, CSCS - Head of Prevention & Reconditioning, Sacramento Kings

Phil Sheedy, PT, DPT '18 – current Sports PT Resident, Texas Health Sports Medicine

Garrett Valls, PT, DPT '16, SCS - Assist. Medical Coordinator/Rehabilitation, Toronto Blue Jays





Sports Performance Concentration provides students with unique opportunities!

In 2015, 17 Northeastern University DPT graduates were the first to complete the Sports, Strength and Conditioning Concentration. The “Sports Concentration” as it is commonly called was created offer more structured opportunities for selected students to learn and experience the multidisciplinary care of athletes. Approximately 10-12 students are selected each year after a rigorous selection process in their first professional year of the program. Students selected earn several experiences in sports, including:

- 2 courses – Advanced Topics in Sports Conditioning and Sports Medicine: Managing the Injured Athlete.
- Sports related research project with faculty in PT Project 1 & 2
- 40-50 hours of observation with NU Sports Performance including sports physical therapy, athletic training room, strength and conditioning and varsity athletic medical coverage.
- A sports-related Clinical Education placement. Current clinical sites include the University of Notre Dame, Arizona Diamondbacks, Indiana Pacers, Princeton University, and several sports medicine and performance integrated outpatient facilities.

To date, over 75 DPT graduates have completed the concentration. In 2017 the name was updated to become the Sports Performance Concentration to reflect changes in the field and collaboration with the NU Sports Performance department. Many of our graduates go on to earn positions in sports residencies, college and professional sports, and outpatient sports physical therapy clinics. For more information please email Steve Clark, PT, DPT, MS, ATC, CSCS at s.clark@northeastern.edu.



The Gries Center for Sports Medicine and Performance in the Cabot Center is a state of the art facility designed to provide the best conditioning and medical care for Northeastern University student-athletes. Sports Performance Concentration students benefit from many opportunities to shadow and collaborate with NU's talented athletic trainers, strength coaches, and sports physical therapists.

Recent Presentations

Kiami S, Sky R. Awareness, Attitudes & Beliefs about Fall Risk and Evidence-Based Falls Prevention Programs Among Community Dwelling Older Adults. 1st Place: Interprofessional Health Service Policy Award by Academy of Neurologic Physical Therapy Balance and Falls Special Interest Group: APTA Combined Sections Meeting, February 2018.

Nolan DC. Managing Knee Osteoarthritis in a Masters Marathoner. American Physical Therapy Association of Massachusetts 2018 Annual Conference. Norwood, MA. October 2018.

Nolan DC, Greenwood KC. Simulation Education to Augment Mentoring in a Sports Physical Therapy Residency. American Physical Therapy Association Education Leadership Conference. Jacksonville, FL. October 2018.

Markowski A, Watkins M, Day L, The Benefit of Incorporating Ultrasound Imaging as Adjunct Teaching Tools to Enhance Physical Therapist Students' Ability And Confidence to Perform Manual Therapy. International Conference on Medical Imaging and Case Reports, Baltimore MD, October 2018

Golub-Victor A, Fitzpatrick D., Dodman M, Mazzone L, Ross B. "Special Olympics Healthy Athletes * and fall risk in people with ID: an innovative community-campus partnership" Combined Sections Meeting, APTA New Orleans, LA February 2018.

Fitzpatrick D, Golub-Victor A. People with Intellectual Disabilities (ID) and Future Health Care Professionals. New England Faculty Development Consortium Fall Conference, Worcester, MA November 2018.

Hayward LM, Schneider J, Ghandi S, Per S, Hayward J. An Innovative Framework for Deepening Reciprocity and Sustaining Academic-International Service-Learning Partnerships. IARSCLE meeting. New Orleans, LA, July, 2018.

Folmar EJ, Yen SC, Thomas A. A Comparison of Kinesiology and Athletic Taping on Ankle Range of Motion. American Orthopaedic Foot & Ankle Society Annual Meeting. July 2018.

Folmar EJ, Dirado I. Out of the classroom and into the studio. Considerations for management of the dance athlete. APTA of MA Fall Conference, October 2018

Clark SB. Complicated Lumbopelvic and Hip Dysfunction: Conditions of The Hip & Groin. National Athletic Trainer's Association 69th Annual Clinical Symposia & AT Expo. St. Louis, MO. June 2018.

Corkery M, Hensley CP, **Cesario C, Sheng-Che Y**, Chui K, Courtney C. Platform. American Academy of Orthopaedic Manual Physical Therapists, Reno, NV. November 2018

Select Peer Reviewed Publications

Yen SC, Folmar EJ, Friend KA, Wang YC, Chui KK. Effects of kinesiotaping and athletic taping on ankle kinematics during walking in individuals with chronic ankle instability: A pilot study. *Gait & posture*. 2018;66:118-123

Markowski A, Watkins MK, Dzaugis P, Etzel V, Lindau A . Incorporating Real Time Ultrasound Imaging Education Within a Doctor of Physical Therapy Program: A Needs Assessment. *Int J Musculoskelet Disord*: 2018 IJMD-106. DOI: 10.29011/ IJMD-106. 000006.

Markowski A, Greenwood K, Parker J, Corkery M, Dolce M. A Novel Interprofessional Faculty Approach for Integrating Oral Health Promotion Competencies into Physical Therapist Curriculum. *Journal Allied Health* 2018;47(1):19-24.

Dixon PC, Stirling L, Xu X, Chang CC, **Dennerlein JT**, Schiffman JM. Aging may negatively impact movement smoothness during stair negotiation. *Hum Mov Sci*. 2018 May 26;60:78-86. doi: 10.1016/j.humov.2018.05.008. [Epub ahead of print]

Dixon PC, Jacobs JV, **Dennerlein JT**, Schiffman JM. Late-cueing of gait tasks on an uneven brick surface impacts coordination and center of mass control in older adults. *Gait Posture*. 2018 Jul 19;65:143-148 PMID: 30055391

Taylor KM, Kioumourtzoglou MA, Clover J, Coull BA, **Dennerlein JT**, Bellinger DC, Weisskopf MG Concussion History and Cognitive Function in a Large Cohort of Adolescent Athletes. *Am J Sports Med*. 2018. doi: 10.1177/0363546518798801. [Epub ahead of print] PMID: 30230912

Select Peer Reviewed Publications

Levac D, Pradhan S, Fox E, Espy D, Deutsch J. (2018) Usability of the 'Kinect-ing with Clinicians' website: A knowledge translation resource supporting decisions about active video game use in rehabilitation. *Games for Health Journal* (IF 2.019). DOI: 10.1089/g4h.2017.0159

Mills R, **Levac D**, Sveistrup H. Kinematics and postural muscular activity during continuous oscillating platform movement in children and adolescents with cerebral palsy. *Gait & Posture* (IF 2.347). 2018 Aug 8;66:13-20. doi: 10.1016/j.gaitpost.2018.08.002.

Hayward LM, **Ventura S**, Schudt H, **Donlon P**. Student Pedagogical Teams: Engaging with Faculty in the Scholarship of Teaching and Learning. *College Teaching*. 2018; 66(1) :37-47 .<https://doi.org/10.1080/87567555.2017.1405904>

Hayward LM, English M. What's the Task Value? Understanding Doctor of Physical Therapy Student Motivation for Learning and Valuing Evidence-Based Practice. *Journal of Physical Therapy Education*. 2018, 32(3): 300-30

Interim Department Chair Is Recognized



The Department of Physical Therapy, Movement & Rehabilitation Sciences is very proud to announce that our Interim Chairperson and Associate Clinical Professor, Dr. Kristin Curry Greenwood has been recognized by the Academy of Physical Therapy Education with their ***Distinguished Educator Award***. The Distinguished Educator in Physical Therapy Award is to be given to recognize excellence in teaching and recognizes a recipient who has distinguished himself or herself through excellence in academic or clinical education in physical in a subject matter area as evidenced by publications or other appropriate demonstrations through innovated methods. Dr. Greenwood has distinguished herself through a career that is focused on promoting excellence in academic education that translates to clinical learning for students in the field of acute care. Her trajectory to improve acute care education began as a clinician and continued as an Academic Faculty member.

She and her co-authors published research related to a pilot study designed to develop a standard measurement tool to assess students' self-confidence and predict performance on acute care and inpatient clinical experiences. This outcome measure is used in several DPT programs and has been referenced in several studies as a method to assist in measuring and predicting student performance in acute care clinical environments. In 2015, Dr. Greenwood led a national task force for the Academy of Acute Care Physocical Therapy to develop core competencies for entry-level acute care physical therapy education. The competencies identify the necessary knowledge, actions and behaviors that are required of a clinician in the acute care environment. The competencies, have lead to maturation of the field of acute care and have been adopted nationally by doctor of physical therapy education programs for entry-level practice in acute care physical therapy .Dr. Greenwood uses a variety of learning theories and techniques, including simulation, to assist students with concrete experiences, thoughtful reflection and conceptualization of their learning. She has embraced the challenge of teaching a difficult practice area that requires students to be decisive amidst ambiguous information: acute care physical therapy. Her national recognition as a leader in acute care physical therapy is evident by her many national presentations on acute care education and publications in both the *Physical Therapy Journal* and *The Journal of Acute Care Physical Therapy*. She is the recipient of the James Dunleavey Acute Care Physical Therapy Distinguished Service Award and Bouvé College of Health Sciences Undergraduate Bouvé Distinguished Educator Award. Dr. Greenwood has always made excellence the standard in all she does. She expects this from herself, her students, our faculty and our program. Dr. Greenwood embodies the spirit of this award and we congratulate her on this accomplishment.



Northeastern/MGH Sports PT Residency graduation in July. Drs. Regina Siciliano, PT, DPT (left) and Katherine Wingate, PT, DPT '16 (right) completed the residency led by Dave Nolan, PT, DPT (center). Joining them are residency and NU PTMRS faculty and students.



PTMRS Faculty and staff, January 2018



Northeastern University



Dr. David Nolan presenting scholarship completed with Dr. Kristin Curry Greenwood at the APTA Education & Leadership Conference

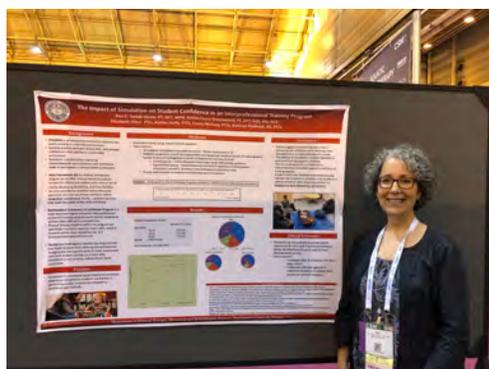


Pan Mass Challenge (PMC) team, led by Drs. Maureen Watkins and Alycia Markowski. Student physical therapists and Northeastern alumni join the team to provide massages to riders after they arrive at finish in Buzzards Bay, MA.



Drs. Sonya Larrieux, Ann Golub-Victor at the 2018 Education and Leadership Conference Diversity Dinner.

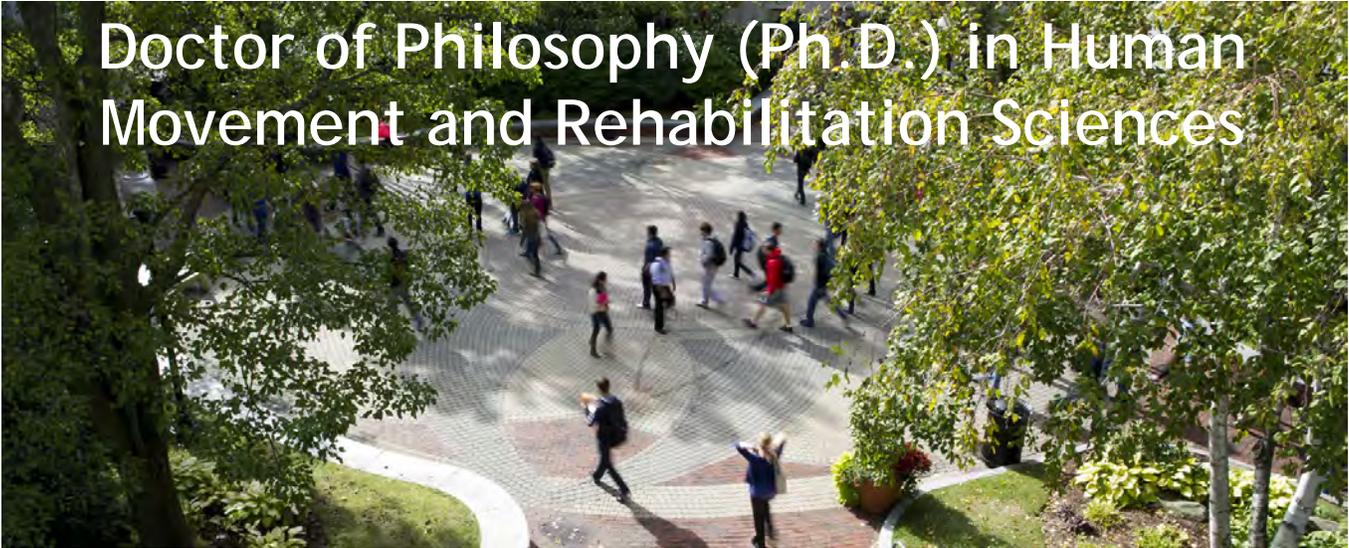
Dr. Sheri Kiami led a team of Northeastern DPT students from the class of 2020 at the MA State House to conduct TUG testing for annual Falls Prevention Awareness Day in conjunction with the APTA of Massachusetts.



Dr. Ann Golub-Victor with her poster presentation at the APTA Combined Sections Meeting



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