Connecting Duke Physical Therapy alumni, students, faculty, clinicians, and friends
What a Year

Wow, what a year it has been! 2020 frequently felt like time stood still and we here at Duke DPT are wishing it a not so fond farewell. As for most, 2020 has been an especially challenging year for Duke DPT faculty, students and staff. March brought in-person class restrictions due to COVID-19 which forced faculty and staff to quickly pivot to on-line instruction. Thankfully, we were able to re-initiate in-person laboratory sessions for the Class of 2022 in July but with stringent restrictions including the wearing of personal protection equipment (or PPE), limiting the amount of students who could be in the IPE building and classroom at one time, and then beginning in August, random and frequent surveillance testing of all students who were on campus or on their terminal clinical experiences in the Greater Triangle Area. These restriction and procedures continued into the fall and were successful limiting COVID spread and thus we were able to provide in-person laboratory experiences for both the 1st and 2nd year experiences (including cadaver labs in Anatomy)! Although at times these restrictions seemed onerous, they were important in keeping everyone safe and has since been applauded by the CDC as a model for universities to keep COVID rates low for students, faculty and staff across the nation. Through it all, our faculty, students and staff has shown tremendous resilience, a trait sometimes called “grit”.

In 2016, psychologist Angela Duckworth published the book “Grit: The Power of Passion and Perseverance” and has since popularized the characteristic of grit in its importance in achieving success. Grit is defined as the tendency to sustain interest in and effort toward long-term goals. This characteristic, along with self-control, has been shown to strongly contribute to long-term success. I highlight this because our faculty, students and staff have consistently shown this characteristic of grit during this past year. For example, DPT faculty had to modify their mode of educational delivery and assessment on a moment’s notice. Students had to adapt to a new normal of long days of Zoom and more limited availability of in-person experiences. Staff were thrust into new roles to accommodate the virtual education delivery and assessment. Leadership dealt with daily changes and modifications of state and University guidelines and restrictions. And in addition, the events of racial injustice and unrest in the past year has added additional pain for students, staff and faculty. However, I am so proud how our Duke DPT family has shown true grit including being flexible to evolving restrictions and guidelines, being the pioneers in the new COVID terminal clinical experience environment, initiating and actively engaging in Division, School of Medicine, and community social change, striving for academic excellence in both teaching and learning, and maintaining a positive attitude through it all.

Challenges remain. COVID rates are high and restrictions are still in place. COVID has resulted in profound financial effects. However, I have hope and trust in our faculty, students and staff to continue to not only persevere and demonstrate grit, but to thrive amongst the challenges in achieving the goal of our Program to produce the best physical therapist clinicians and leaders in the nation. Please join me in congratulating our gritty DPT family and we look forward to a fruitful 2021!

Dr. Todd Cade published “A Single Bout of Premeal Resistance Exercise Improves Postprandial Glucose Metabolism in Obese Men with Prediabetes” in Medicine & Science in Sports & Exercise and “Arginine kinetics are altered in a pilot sample of adolescents and young adults with Barth syndrome” in Molecular Genetics and Metabolism Reports.

“The influence of prior opioid use on healthcare utilization and recurrence rates for non-surgical patients seeking initial care for patellofemoral pain” in the Clinical Rheumatology is co-authored by Dr. Chad Cook who is now the Director of Clinical Research Facilitation, providing additional research support for faculty that have a primarily teaching or clinical focus. He was also reappointed as a Conjoint Professor at Newcastle University in Newcastle, Australia, where he has overseen PhD projects, since 2016. Dr. Cook's other recent publications include “Comparison of the accuracy of telehealth examination versus clinical examination in the detection of shoulder pathology” in the Journal of Shoulder and Elbow Surgery and “Reliability, Validity, and Factor Structure of Pittsburgh Sleep Quality Index in Community-Based Centenarians” in Frontiers in Psychiatry. He has also had a busy presentation schedule, presenting for TrustMeEd, the Institute of Clinical Excellence, and the Northern Arizona University High Altitude Series in August and giving a masterclass titled “Too Much Medicine” to the Australasian College of Sports Medicine and Physicians (ACSEP) in October.

Dr. Kyle Covington ’04 was appointed as the APTA Board of Directors designee to CAPTE’s Task force on Diversity Equity and Inclusion whose charge is to examine CAPTE’s current Standards and Required Elements relative to DEI and recommend needed change. He was also named as one of the APTA Board members that will serve on APTA's new DEI committee and given an adjunct appointment in the College of Education at North Carolina State University. He presented this year’s Founders Lecture at the APTA North Carolina Virtual Conference 2020 titled “We're Right Where We Are Supposed To Be” and was the keynote speaker at Northeastern University’s virtual post-baccalaureate White Coat ceremony.

Dr. Jody Feld who now has a secondary academic appointment in the Department of Neurology in the Division of Stroke and Vascular Neurology published “Patterns of cognitive-motor dual-task interference post stroke: an observational inpatient study at hospital discharge” in the European Journal of Physical and Rehabilitation Medicine. She also presented her research on “Development of a discharge risk assessment for future falls and inactivity post stroke” and “Patient perception of gait-related dual-task interference after stroke” at the 11th World Congress for Neurorehabilitation in October.

Dr. Steve George published “Adding Physical Impairment to Risk Stratification Improved Outcome Prediction in Low Back Pain” in Physical Therapy, "What General and Pain-associated Psychological Distress Phenotypes Exist Among Patients with Hip and Knee Osteoarthritis?" in Clinical Orthopaedics and Related Research, and “The association between the supply of select nonpharmacologic providers for pain and use of nonpharmacologic pain management services and initial opioid prescribing patterns for Medicare beneficiaries with persistent musculoskeletal pain” in Health Services Research.
Dr. Adam Goode ’05 will serve as the Vice Chair of Clinical Research and Epidemiology and as the Director of the Musculoskeletal Epidemiology Research Center. Dr. Goode is an epidemiologist and physical therapist with a focus in musculoskeletal epidemiology and health services research. He teaches research methods and statistical inference, mentors DPT students on their capstone scholarly projects, and has served on multiple PhD committees. Adam’s clinical interest is in the treatment of low back and cervical spine pain. His research program has been supported with multiple NIH grants and includes projects related to lumbar spine degenerative changes, low back pain phenotypes, and outcomes for cervical spine fusion.

Welcome to Dr. Jamie Grecco who is a CDHD facilitator, assists with Clinical Education and is teaching in the pediatrics sequence in the curriculum.

Dr. Amy Pastva published “Role of anabolic testosterone agents and structured exercise to promote recovery in ICU survivors” in Current Opinion in Critical Care and “Movement Matters, and So Does Context: Lessons Learned From Multisite Implementation of the Movement Matters Activity Program for Stroke in the Comprehensive Postacute Stroke Services Study” in Archives of Physical Medicine and Rehabilitation. She was also an author of the poster “Where’s the closest AED?: An interprofessional simulation to improve the ‘drop to shock’ interval on campus” that won an Outstanding Non-Research Award and “Acute skeletal muscle wasting and dysfunction predict physical disability at hospital discharge in patients with critical illness” in Critical Care. Her research on “Cognition, Physical Function, and Quality of Life in Older Patients with Acute Decompensated Heart Failure” appears in the Journal of Cardiac Failure.

Dr. Laura Stanley Pietrosimone ’10 was selected to be a part of the Young Investigator Initiative Program, a grant mentoring and career development program that aims to increase the pipeline of clinician and basic scientists undertaking musculoskeletal research studies. She also published “Landing biomechanics are not immediately altered by a single-dose patellar tendon isometric exercise protocol in male athletes with patellar tendinopathy: a single-blinded randomized cross-over trial” in Physical Therapy in Sport.

Dr. Ashley Poole, a current Teaching for Equity Fellow, was invited to speak in the webinar “From Bedside to Webside: Academic & Clinical Teaching of Acute Care Physical Therapy in the COVID Era” sponsored by APTA Acute Care. On the planning committee for “A Listening Session: DCE, SCCE, and CI Reflections on the Black DPT Student Clinical Education Experience” hosted by ACAPT’s Diversity, Equity, and Inclusion Consortium, she was also invited to be a guest panelist. Additionally, she was named as the APTA Centennial Scholar for the Academy of Cardiovascular & Pulmonary Physical Therapy.

Dr. Corey Simon was an author of “Stakeholder Engagement in Pragmatic Clinical Trials: Emphasizing Relationships to Improve Pain Management Delivery and Outcomes” published in Pain Medicine.
Dr. Kara Sporer Lardinois ’00, ’01 published “Perspective in physical therapy education: creating a communication network to connect clinical education stakeholders” in The Journal of Clinical Education in Physical Therapy.

Dr. Zachary Rethorn, who was appointed by the APTA Board of Directors to the steering committee of the APTA Council on Prevention, Health Promotion, and Wellness effective July 1, and published “Health and wellness coaching positively impacts patients with chronic pain and pain-related interference” in PLoS One. On November 10, he gave a webinar titled “From Expert to Coach” to APTA Geriatrics. He also published “Osteoarthritis physical activity care pathway (OA-PCP): results of a feasibility trial” in BMC Musculoskeletal Disorders and authored two articles in Physical Therapy: “What are DPT program practices and attitudes related to health promotion and wellness? Results of a national survey” and “Population Health, Prevention, Health Promotion, and Wellness Competencies in Physical Therapist Professional Education: Results of a Modified Delphi Study”.

Dr. Jack Magill will present his research entitled: “Use of Quadriceps Autograft for ACLR Increased Likelihood of Meeting Return to Play Criteria at Six Months” at the 2021 Arthroscopy Association of North America/American Orthopedic Society for Sports Medicine Specialty Day. This program will feature didactic presentations that provide opportunities to share important research findings and serve as a review of core musculoskeletal topics, highlighting the latest advances and reinforce time-tested tools aimed at preventing and addressing musculoskeletal care. Of note, Jack is the only non-physician invited to present in this Specialty Day Section. His platform presentation “Estimated Performance for Age: A Novel Criterion for Return to Sport after Anterior Cruciate Reconstruction and Its Performance Compared to Limb Symmetry Indices” has been accepted for presentation at PRiSM.
DPT Faculty continue to pull in major research grants. The table below highlights some of the key research grants currently ongoing or completed by the Department of Physical Therapy faculty and trainees:

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<thead>
<tr>
<th>DUKE DPT INVESTIGATOR</th>
<th>GRANTOR STUDY</th>
<th>Study Description</th>
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<tr>
<td>Dr. Chad Cook Co-I</td>
<td>National Institutes of Health/ Veterans Affairs/Department of Defense UG3/UH3 : UG3AT009790</td>
<td><strong>AIM-Back Trial</strong>&lt;br&gt;The study is designed to measure two innovative management non-pharmacological approaches for low back pain in the VA. Now in its training phase, the study will collect outcomes data over the next years.</td>
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<tr>
<td>Dr. Chad Cook Co-PI</td>
<td>Academy of Orthopaedic Physical Therapy, American Physical Therapy Association</td>
<td><strong>PEERC trial</strong>&lt;br&gt;The study is designed to determine if a dedicated health coaching/ cognitive restructuring approach can change patient expectations in individuals with shoulder pain. The study is in its 3rd year of data collection.</td>
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<tr>
<td>Dr. Chad Cook Co-I</td>
<td>Duke Institute for Health Innovation</td>
<td>This study is in its analysis stage. The goal of this project is to establish non-inferiority of a telehealth shoulder examination as compared to a standard clinical examination. A secondary aim of the study is to assess the validity of the individualized tests in a telemedicine-based examination.</td>
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<tr>
<td>Dr. Chad Cook Co-I</td>
<td>Orthopedic Research and Education Foundation</td>
<td>This clinical trial is designed to compare outcomes between formal clinic based physical therapy (PT) rehabilitation and surgeon directed home therapy (HT) after reverse total shoulder arthroplasty (RSA) as measured by pain, range of motion, Single Assessment Numerical Evaluation (SANE) and American Shoulder and Elbow Surgery (ASES) scores at 6 weeks, 3, 6, 12 and 24 months post operatively. At present, the study has enrolled 65% of its sample goal.</td>
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<tr>
<td>Dr. Timothy Faw ’09 PI</td>
<td>Duke Institute for Brain Sciences</td>
<td><strong>A Novel Apolipoprotein E (apoE)-mimetic Pentapeptide to Improve Recovery in Acute Spinal Cord Injury</strong>&lt;br&gt;Novel therapies that improve mobility after spinal cord injury (SCI) could lead to better quality of life and save billions of dollars in lifetime costs. Targeting the early inflammatory response to SCI is appealing, as it is the main cause of tissue damage after the initial injury. Apolipoprotein E (apoE) plays a critical role in mediating this neuroinflammation after nervous system damage. However, systemic delivery of the intact protein is ineffective as a therapeutic because it fails to cross the blood-brain barrier. As such, we have developed small, apoE-based peptides that mimic the function of the intact protein, cross the blood-brain barrier, and have few side effects. Here, we will test the hypothesis that early treatment with an apoE-mimetic peptide, CN-105, reduces inflammation, tissue damage, and improves recovery in a clinically relevant animal model of SCI. This peptide, developed at Duke, has received Investigational New Drug and Orphan Drug designations from the Food and Drug Administration, which will facilitate translation to early clinical trials.</td>
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<tr>
<td>Dr. Adam Goode ’05- Co-I, Duke Site PI Dr. Maggie Horn- Co-I Sean Rundell ’05- PI</td>
<td>National Institutes of Health/ National Institute on Aging- R01</td>
<td><strong>Lumbar Stenosis Prognostic Subgroups for Personalizing Care and Treatment (PROSPECTS)</strong>&lt;br&gt;The overall goal of this project is to identify a phenotype of older adult patient that may benefit from nonsurgical care for lumbar spine stenosis. Prime Site: University of Washington</td>
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<tr>
<td><strong>DUKE DPT INVESTIGATOR</strong></td>
<td><strong>GRANTOR</strong></td>
<td><strong>STUDY</strong></td>
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<tr>
<td>Dr. Adam Goode '05</td>
<td>National Institutes of Health/National Center for Complementary and Integrative Health and National Institute of Nursing Research- UG3/UH3</td>
<td>The strategies evaluated in this randomized clinical trial will be two interventions strategies, one providing both a brief pain teleconsult with phone-based physical therapy, the other uses an adaptive strategy - providing the brief pain teleconsult first, followed by phone-based physical therapy among those non-responsive to this treatment. This study is designed to overcome the barriers specific to rural and low income communities served by FQHC clinics through innovative use of telehealth resources. Prime Site: University of Utah (PI: Fritz, J)</td>
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<tr>
<td>Dr. Steve George MPI</td>
<td>National Institutes of Health/National Center for Complementary and Integrative Health</td>
<td>This two-year implementation research study builds on existing partnerships to adapt and plan for scaling up an intervention we found effective with older adult Veterans in the United States. Guided by the Institute for Healthcare Improvement Framework for Going to Full Scale, we will accomplish two specific aims. (1) Explore the feasibility, reach, appropriateness, acceptability, and costs of an innovative MSK care model for Northern Tanzania compared with current practice. (2) Adapt and refine the physical therapy, text message and telephone counseling components of the model to be locally relevant and expand availability and access to care. The scalable intervention and new knowledge generated from the proposed implementation research will guide our research team to go full scale in Northern Tanzania and spread to other regions for improved population health. PI: Prvu REMotely Monitored, Mobile-Health High Intensity Interval Training after Critical Care (REMM-HIIT-ICU)</td>
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<tr>
<td>Dr. Amy Pastva Investigator, Intervention Lead</td>
<td>Society for Critical Care Medicine</td>
<td>This study is a two-center (Duke, Vanderbilt) feasibility trial to determine if a home-based, remotely-monitored rehabilitation regimen using HIIT and strength/balance training can be conducted among ICU survivors using wearable technology and remote video visits. Data gathered will be used to inform larger scale studies with the objective being improved functional status, cardiopulmonary fitness, and quality of life among ICU survivors.</td>
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<tr>
<td>Dr. Corey Simon PI</td>
<td>Duke DPT (Igniter)</td>
<td><strong>Low Back Pain Related Influences on Mobility and Disability after Emergent Care (LIME)</strong> This pilot feasibility study will test biopsychosocial measures across the lifespan for adults with low back pain seen in the emergency department; and characterize measures and outcomes of low back pain recovery in this population.</td>
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<tr>
<td>Dr. Corey Simon Co-I</td>
<td>National Institutes of Health/ National Institute on Aging</td>
<td><strong>Chronic Low Back Pain in Older Adults: The Role of Co-Existing Hip Impairments</strong> The purpose of this multi- site, single-blinded, randomized-controlled, Phase II trial is to refine and explore the efficacy of a hip-focused intervention for the newly identified at-risk subgroup among older adults with chronic low back pain. PI: Dr. Greg Hicks (University of Delaware)</td>
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<tr>
<td>Dr. Corey Simon Co-I</td>
<td>National Institutes of Health/ National Center for Complementary and Integrative Health</td>
<td><strong>Improving Veteran Access to Integrated Management of Chronic Back Pain</strong> The goal of this planning and demonstration project is to improve access to recommended nondrug therapies for low-back pain in the Department of VA Health Care System. MPI: Dr. Susan Hastings</td>
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Team Players

Members of the Duke DPT community (faculty, students, alumni, and post-docs) worked together on these publications and presentations, including 3rd-yr student Rachel Meyers and her alumni mentor Hannah Jasurda ’17 who co-wrote the “Apophyseal Injuries in Youth Athletes” tip sheet for the American Orthopaedic Society for Sports Medicine & STOP Sports Injuries.

Presentations

#DukeatAPTANC
- Dr. Chad Cook, Ale Garcia: 10 important things you need to know about musculoskeletal rehabilitation
- Dr. Steve George, Trevor Lentz: Value-Based Care for Musculoskeletal Pain: Are Physical Therapists Ready to Deliver?
- Dr. Tim Faw ’09, Dr. Jody Feld, Dr. Jeff Hoder, Dr. Kelly Reynolds: Emerging Concepts in Neuroplasticity and Neurorehabilitation

#DukeatNSC
- Dr. Kyle Covington ’04 and Mitch Lane ’20: Leading with your Voice: the APTA House of Delegates

Publications

Lindsay Ballengee ’11, Dr. Kyle Covington ’04, Dr. Steve George. BMC Medical Education. Introduction of a psychologically informed educational intervention for pre-licensure physical therapists in a classroom setting.

Shefali Mathur Christopher ’08, Ale Garcia, Dr. Chad Cook. Archives of Physiotherapy. Common musculoskeletal impairments in postpartum runners: an international Delphi study.

Dr. Derek Clewley, Yusra Itfikhar ’20, Dr. Maggie Horn. Journal of Orthopaedic & Sports Physical Therapy. Do the Number of Visits and the Cost of Musculoskeletal Care Improve Outcomes? More May Not Be Better

Dr. Chad Cook, Ale Garcia, Lexie Wright ’06. Spine. Measurement Properties of the Oswestry Disability Index in Recipients of Lumbar Spine Surgery.

Ale Garcia, Dr. Chad Cook. The American Journal of Medicine. Adherence to Stepped Care for Management of Musculoskeletal Knee Pain Leads to Lower Health Care Utilization, Costs, and Recurrence.

Dr. Kyle Covington ’04 and Mitch Lane ’20: Leading with your Voice: the APTA House of Delegates
- Trevor Lentz, Dr. Jack Magill, Dr. Laura Stanley Pietrosimone ’10. Medicine & Science in Sports & Exercise. Development of Concise Physical Performance Test Batteries in Young Athletes.

Dr. Zachary Rethorn, Ale Garcia, Dr. Chad Cook. PLoS One. Quantifying the collective influence of social determinants of health using conditional and cluster modeling.


David Rowland ’20, Amanda Murphy ’20, Dr. Chad Cook, Ale Garcia. BMC Medical Education. Predictors of research productivity among physical therapy programs in the United States: an observational study.
Moments to Movements

Thank you to the following people for helping with the anti-racism work being done at Duke! Click here and here to learn more about the ongoing efforts at Duke University and in the Duke University School of Medicine.

Duke School of Medicine Health Professions Anti-Racism Task Force

Monique Barrett  Student Affairs Subcommittee
Dr. Rosie Canizares ’07  Faculty Training Subcommittee Co-Chair
Dr. Kyle Covington ’04  Assessment & Evaluation Subcommittee Co-Chair
Dr. Tiffany Hilton  Steering Committee, Faculty Training Subcommittee Co-Chair
Dr. Jeff Hoder  Student Affairs Subcommittee

2nd-yr Gabby Lauderdale  Health Professions Curricular Subcommittee
2nd-yr Rachel Miller  Micro/Macro Aggressions Reporting & Professionalism Subcommittee
Dr. Amy Pastva  Assessment & Evaluation Subcommittee
Dr. Ashley Poole  Health Professions Curricular Subcommittee Co-Chair

2nd-yr Pia Salcedo  Health Professions Curricular Subcommittee
2nd-yr Marcus Taylor  Steering Committee, Micro/Macro Aggressions Reporting & Professionalism Subcommittee

Dr. Jeff Hoder is also chairing the search for our first Duke DPT Director of Diversity, Equity, and Inclusion! Please e-mail him with interest by January 1, 2021 and check out the DiversiTee newsletters.

Sydney Mitchell, MSOT, OTR/L created this mosaic of photos of her colleagues to show that Duke is such a diverse place where people of all backgrounds come together.

Duke DPT Racial Inequality Task Force

2nd-yr Lauren Alexander
Monique Barrett  Co-Chair
Dr. Rosie Canizares ’07
Dr. Kyle Covington ’04  Co-Chair
Stephanie Halpin
Dr. Jeff Hoder
Yusra Iftikhar ’20
Kai Kennedy
3rd-yr Alexis Lacewell
Rupal Patel
Mya Shackleford
Victoria Lamb Smith ’07
Moyo Aremu-Cole Tillery ’11
Duke DPT 5K

Congratulations to everyone who ran in the Blue Devils DPT 5K this year. We loved seeing all the photos and times that were posted. Even though we were not able to race each other in person this year, there were some really speedy and competitive times by those for whom prizes were awarded from Duke University Stores, Fleet Feet, CorePower, and F45.

Just like the impressive times clocked, we as a group were impressively able to raise $1,918 for the VUC-Marquette Challenge! This amount will make Duke’s DPT Program competitive in the Challenge and is a great contribution for future physical therapy research and scholarships. We appreciate those who contributed extra donations as well!

Second-year Allie Triskett was our top runner and female finisher overall.
Dr. Derek Clewley was our top male runner.
Gastroc Nemesis placed first in the team challenge.

First Place Individuals
Female: 2nd-yr Allie Triskett 19:27
Male: Dr. Derek Clewley 19:34

Second Place Individuals
Female: 2nd-yr Brooke Lyman 20:03
Male: Gavin Clewley 19:54

Third Place Individuals
Female: 1st-yr Lily Scott 20:44
Male: 2nd-yr Kolby Smith 21:16

First Place Team Challenge
Dr. Derek Clewley, Gavin Clewley, Amelia Clewley, Dr. Jack Magill, Dr. Jeff South, Dr. Kyle Covington ’04, Dr. Maggie Horn

Costume Shout Out
Bob Ross and His Canvas (Dr. Amy Pastva and her pup Bob)!

Check out the pictures submitted to our Webpage under the Start Line Album. Click here for race results.
I am so excited to welcome the class of 2023 to the Duke DPT Program! We are excited to watch you grow into esteemed clinicians to help shape the future of the physical therapy profession. 2020 has been a very challenging year for many, and continues to push our society to adapt and change in these trying times. Duke University has led the country in protocols to manage the Covid19 outbreak, and our ability to manage cases has allowed for Duke DPT students to return to in person education. Duke's groundbreaking and innovative ideas have allowed for our Duke DPT students to continue pushing barriers to remain one of the best programs in the country. We wish all of our current DPT students luck as they continue to participate in didactic coursework and through their final clinical rotations.

This year’s APTA Combined Sections Meeting will continue as scheduled, but all events will be virtual to improve safety and restrict spread of the Covid19 virus. Duke DPT will continue tradition and host an Alumni meeting for those attending CSM, but will do so on a virtual platform on Saturday February 6th at 5pm. Afterwards, we will host breakout groups to catch up with fellow alumni while we cheer on our Duke Blue Devils as the host UNC at Cameron Indoor. I am so excited to hear from all our esteemed alumni about changes they have pioneered in our field during these trying times, and upcoming research to continue to provide the best patient care.

Finally, I would like to thank all of our alumni that have supported the Duke DPT program by participating in Special Interest Group meetings for current students, mentoring as part of SDP, and participating as Clinical Instructors during these challenging times.

Thanks again for everything you guys do to make Duke DPT one of the best programs in the country. GO DUKE!

LAURA HENDERSON BOOSE ’15
Duke Physical Therapy Alumni Association President
Author! Author!

Check out these recent journal publications by DPT alumni.


Sean Rundell ’05. Physical Therapy. A Survey of Physical Therapists’ Attitudes, Knowledge, and Behaviors Regarding Diagnostic Imaging


The Grad Grapevine

Congratulations to our alumni who were elected to 2020 APTA North Carolina Chapter leadership positions: Mike Schmidt ’12, Director-at-Large Payer Relations, Moyo Aremu-Cole Tillery ’11 and Stephanie Martof Milosovic ’12, Scholarship and Loan Committee.

Amy Arundale ’11 was a co-editor of the book Basketball Sports Medicine and Science published this year.

Callie Beasley ’19 was featured on the Podcast of Duke Magazine The Devils’ Share.

Brett Aefsky ’12 and Ciara Burgi ’14 were featured in a GoDuke article this fall; Ciara has since joined the staff of the Houston Texans.

On the Practice Tee with Daniel Chelette ’15 of the PGA Tour Player Performance Center was one of the PT Pintcast episodes this year.

Matt DeLang ’18 has a physiotherapist position in Accra, Ghana at Right to Dream Academy, a residential academy club with the best youth soccer talent in Africa and one of the premier academy clubs in the world. He is working as a physio and continuing to conduct the research initiatives he has been working on over the past year under the supervision of Kristian Thorborg.

Mollie Hope ’15 spoke about “Another Kind of Mobility – Defining Moment” on APTA Podcasts.

Everything You Wanted to Know about Working with Your Muslim Patients, Students, and Colleagues was presented by Yusra Iftikhar ’20 at National Student Conclave. In addition, she was chosen for the APTA Centennial Scholars Program by the Academy of Orthopaedic Physical Therapy. Her classmate Mitch Lane ’20 was also chosen for this program by the APTA Board of Directors.

Stacie Morris ’15 was featured in Scottsdale Health Magazine’s September 2020.

Physical Therapy Management of Reverse Total Shoulder Arthroplasty was presented at the APTA North Carolina Virtual Conference 2020 by Ben Ramger ’19.

Brad Swanson ’18 is now a consultant at Mckinsey, where the bulk of his work in healthcare strategy and operations

Brett Koermer ’17 co-authored the chapter Transplantation in the 5th edition of Goodman and Fuller’s Pathology: Implications for the Physical Therapist.

Jess Jacobsen Tidswell ’02, one of two winners of the University of Utah College of Health Excellence in Teaching Awards this year, was featured on an episode of The Postural Restoration Podcast.
Congratulations to the most recent recipients of the Duke DPT Student Excellence Scholarships, created to assist students with financial need who also demonstrate academic, clinical, scholarly, leadership, advocacy, and/or service excellence during their time in the Duke DPT program:

**Class of 2021**
Mohammed Chehata, Ashley Lea, Holly O’Hearn

**Class of 2022**
Glenda Holcomb, Monica Khechumian, Marcus Taylor

Second-year Sabrina Ahmad published, “Effectiveness of a 2-Week Strength Training Learning Intervention on Self-selected Weight-Training Intensity” in *The Journal of Strength and Conditioning Research*

**APTA NC Outstanding PT Student Award Winner 3rd-yr**
Sabrina Burri was slated for the American Physical Therapy Association Student Assembly Board of Directors.

Second-years Glenda Holcomb and Monica Khechumiam both received General Student Scholarships from the APTA North Carolina Scholarship and Loan Fund, Inc.

In addition, 2nd-yr Monica Khechumian was admitted to the top Masters in Public Health program in the country at the University of North Carolina Chapel Hill. She will be completing her Masters and DPT simultaneously.


Third-year Dashaé Smallwood received the Diversity Student Scholarship from the APTA North Carolina Scholarship and Loan Fund, Inc.

Congratulations to 1st-yr Jessica Wu who was elected by her classmates in the Class of 2023 as their Class Liaison!
Class of 2021 Capstone News

Predicting Patient-Centered Outcomes from Spine Surgery Using Risk Assessment Tools: A Systematic Review
- presented during the Duke University School of Medicine Research Week Poster Session
- presented at APTA NC Virtual Conference 2020
- Authors: Hannah J. White, Jensyn Bradley, Nicholas Hadgis, Emily Wittke, Brett Piland
- Mentors: Brandi Tuttle, Melissa Erickson, MD, Dr. Maggie Horn

Patients’ Perceptions with Musculoskeletal Disorders Regarding Their Experience with Healthcare Providers and Health Services: An Overview of Reviews
- published in Archives of Physiotherapy
- presented at APTA NC Virtual Conference 2020
- Authors: Alan Chi-Lun Chaio, Mohammed Chehata, Kenneth Broeker, Brendan Gates
- Mentors: Leila Ledbetter, MLIS, AHIP, Dr. Chad Cook, Malene Ahern PT, Daniel I Rhon, PT, Ale Garcia

Association of Youth Distance Running and Lower Extremity Injury: A Systematic Review
- presented at APTA NC Virtual Conference 2020
- Authors: Tatiana Paz, Rachel Meyers, Cayla Faverio, Yuxuan Wang, Emily Vosburg
- Mentor: Dr. Derek Clewley

Risk Factors Associated with Physical Therapist Burnout: A Systematic Review
- presented at APTA NC Virtual Conference 2020
- Authors: Sabrina Burri, Kaleigh Smyrk, Mostafa Melegy, Melanie Mortham, Nadim Hussein
- Mentors: Brandi Tuttle, MSLIS, Dr. Derek Clewley

Low Theoretical Fidelity Hinders the Effects of Health Coaching on Opioid Reduction: A Systematic Review
- published in PLoS One
- Authors: Natalie McNerney, Michael Losensky, Madison Lash, Kendal Rozaleski, Daniela Ortiz
- Mentors: Ale Garcia, Dr. Zachary Rethorn
welcome!

TO THE CLASS OF 2023!

Due to COVID-19, the 94 members of our newest class were welcomed to Duke a couple of weeks early in order to end our fall semester by Thanksgiving. While this year’s orientation activities were different, all of our students were able to complete their labs in person this semester. Learn more about our students’ on-campus experience here.

Having SIG meetings on Zoom has allowed our students to invite our alumni as their guest speakers for their meetings!

Zach Tally ’18 spoke to the Oncology SIG.

The Women’s Health SIG hosted Ashley Garland Chandler ’09.

The Federal SIG held a panel of alumni speakers, including Frank Talty ’19, Katelyn Howensine ’13, and Ramiro Garrido ’15.

Zoom Halloween party
student news

Class of 2022 Special Interest Group & Club Leaders

LAUREN ALEXANDER  KELLY BOYLE  LAYNE COMPTON  EMMA CONNELL  COURTNEY DEATON

GRACE DITZENBERGER  JULIE HANSEN  OLIVIA HARVEY  LINDSAY HEFFRON  GLENGA HOLCOMB

EVE GUIMON  HOPE KELLY  MONICA KHECHUMIAN  PRESTON KUNWAR  AVINASH LALCHANDANI

GABBY LAUDERDALE  CHLOE MARTIN  HANNAH MEAD  RACHEL MILLER  KELLY O’SHAUGHNESSY
Acute Care
Courtney Deaton, Lindsay Heffron

Federal
Layne Compton

Neurology
Lindsay Heffron, Gabriel Witt

Oncology
Grace Ditzenberger, Stefanie Stoller

Pediatrics
Kelly Boyle, Hannah Mead

Private Practice
Aanand Patel, Maddie Tavino

Sports
Mohammad Saad, Lindsey Sumpman, Marcus Taylor

Women’s Health
Eve Guymon, Olivia Harvey, Margaret Sowa

Diversity
Emma Connell, Glendale Holcomb, Pia Salcedo

DPT United
Lauren Alexander, Rachel Miller

Global Health
Layne Compton, Gabriel Witt

Manual Therapy
Kevin Outwater, Veronica Virgin, Patrick Wales

Mental Wellness
Preston Kunwar, Hannah Mead

Performing Arts
Monica Khechumian, Kelly O’Shaughnessy

Persistent Pain
Hope Kelly, Chloe Martin

Rehab 2 Performance
Monica Khechumian, Avinash Lalchandani, Kevin Outwater

TROSA
Kelly Boyle, Julie Hansen, Veronica Virgin

SDP Club
Gabby Lauderdale, Pia Salcedo
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