

A Healing Mission

Magazine of the Department of Physical Therapy at Southwest Baptist University

A PREMIER CHRISTIAN PHYSICAL THERAPY PROGRAM

SEIZING EVERY OPPORTUNITY

SBU's Department of Physical Therapy charts new waters in the field of esports and expands Global Health Outreach to increase impact in global service



Southwest Baptist
UNIVERSITY



A Healing Mission

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of Physical Therapy

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About the Department of Physical Therapy at Southwest Baptist University

First accredited as a bachelor's program in 1993, the department of physical therapy is dedicated to providing society with physical therapists who engage in the art and science of physical therapy with a Christian worldview. Situated in its own 30,000-square-foot facility near the main campus of SBU in the Warren B. Davis Family Physical Therapy Center in Bolivar, Mo., the department of physical therapy has become a premier Christian, entry-level doctorate program with a healing mission, training clinician generalists who are prepared to provide physical therapy services for a diverse population in an evolving society and health care environment. With opportunities to learn and serve, students participate in a dynamic 33-month program, learning from leading and diversely specialized professors before venturing into in-depth clinical rotations across the country. Through its Global Health Outreach, the program provides medical care for communities across the world with short-term mission opportunities for students, professors, and PT professionals.



LETTER FROM THE **PROGRAM DIRECTOR**

Dear SBU Physical Therapy Community,

It is hard to believe another year has passed and another SBU Doctor of Physical Therapy Class has graduated! We are so honored and blessed to help fill the need within the healthcare community by providing physical therapists who practice with a Christ-centered approach. The mentality of service, humility, and compassion are points of emphasis as we train future generations of professionals.

A common occurrence for me either at home or in the office is calls, texts, or emails from alumni asking for advice on how to make good on potential business opportunities that are presented to them. Admittedly, business-minded practices are not a collective strong point for most within our profession. Even though abbreviated business concepts are present in all DPT programs, most students are not immediately interested in management, supervision, and business. Ironically, though most, enter into just those healthcare arenas, at some point in their careers. Opportunities abound in modern healthcare, but as once described by Thomas Edison: "Opportunity is missed by most people because it is dressed in overalls and looks like work!"

What kind of opportunities am I speaking of? They are plentiful! Last fall, Dr. Tom Sneed saw an opportunity and ran with it, creating the #RunWithTom campaign in which he paced himself through a half marathon in honor of his service to the University. Along the way, he raised enough funds to move our Global Health Outreach endowment to the level necessary to begin annual distributions to help support this highly valued department program. Recently, I spoke at #NEXT2018 with Dr. Amber Fler and Dr. Josh Layman about the untapped market place that is esports. No really, don't laugh. Find the opportunity. There is a tremendous healthcare void in esports and lots of money in perhaps the most-dynamic and fastest growing sports industry in the world today. Recently, I shared in class with second-year students recent success stories from

alumni who are making their own dream jobs in health and wellness including clinic ownership, cash-based practices, home-consulting practices, and telehealth. As I reflect upon the world of physical therapy I entered in the 1980s, physical therapists began our "practice" when physicians said so and we did only what insurance companies dictated. Again, I know that is still the world for some of you, but I can't tell you the immense professional satisfaction that comes from practicing independent of physician referrals and insurance dictates. That is my world today. What opportunities are you facing? What are these opportunities dressed in? What are your barriers from expanding your professional horizons to better serve your patients?

Lastly, with this fifth edition of A Healing Mission, I want to acknowledge the service and retirement of Dr. C. Pat Taylor from the University. At our recent commencement ceremony in May 2018, we presented Dr. Taylor with a DPT Commencement Medallion making him an honorary Doctor of Physical Therapy. Dr. Taylor has been a good friend to this department, and has been very supportive of our profession. We wish him well in the next chapter of his life and hope that many more opportunities come his way.

"Whatever you do, work at it with all your heart, as working for the Lord, not for human masters, since you know that you will receive an inheritance from the Lord as a reward. It is the Lord Christ you are serving." -Colossians 3:23-24

Together with you in His service

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EsportsMed:

DEVELOPING A SPORTS MEDICINE PROGRAM FOR COLLEGIATE GAMERS

Steven G. Lesh, PhD, PT, AT Ret.

Dr. Josh Layman, PT, DPT, NCS, ATP

Dr. Amber C. Fleeer, PT, DPT, OCS, ATC, CSCS



Presented at NEXT 2018, American Physical Therapy Association in Orlando, FL, June 27-30, 2018

Competitive player-versus-player digital game play, also known by the contemporary term of esports, is a rapidly evolving industry as well as an engrained element of the worldwide gaming culture. Esporting events have exploded from trade-show novelty acts to standalone mega-events with an ever-expanding viewership and fandom. With roots in the neo-classic arcade culture, esports viewing and participation has become a multi-billion dollar production surpassing revenues generated by the movie and music industry in the United States. Streaming systems have empowered the esports industry to capture both real and virtual spaces, blurring the lines between gaming, social networks, and face-to-face communications. Major cable-based sporting networks like ESPN are now broadcasting live Esporting championship matches and league play. Recently, the third season championship of League of Legends (LoL) had more online viewers than the BCS national championship game, the NBA Finals, or the World Series. LoL is the most popular collegiate league as teams of five members are pitted against each other in a virtual combat arena working to strategically eliminate the opposing team. For this \$15 billion business, it is estimated that 59% of all U.S. citizens play some sort of online game with an average age of 31 and both genders being equally represented.

Current estimates are that 700 colleges and universities field some sort of competitive co-ed esports team either at the varsity or club levels. Collegiate StarLeague (CSL), founded in 2009, now has more than 10,000 annual participants. In 2014 Robert Morris University was the first college to offer scholarships covering up to 70 percent of traditional student expenses for 35 varsity-level players and 35 percent of expenses for 30 reserve players. Soon to follow was a \$100,000 new esports arena on campus. Early surveys of collegiate programs report that varsity level players train at the gaming console

for up to 16 hours per week with matches typically lasting 3 hours. The documented evidence of health and wellness programs and guidelines for varsity level esports athletes is sparse at best.

Evidence suggests a strong association between sedentary lifestyles and gaming. In college-aged males, gaming appears for most to have replaced moderate to vigorous activity. Prolonged sitting is a typical prerequisite for esports participation. Lack of physical activity and other sedentary behaviors have many long-term negative health implications. Health-based organizations like the Centers for Disease Control and Prevention, American College of Sports Medicine, and the U.S. Department of Health and Human Services recommend greater physical activity and fewer sedentary behaviors to foster optimal health and wellness. Calls for reduced time at the video monitor appear to have gone unanswered by today's young adults.

In 2016, Southwest Baptist University announced that it would join the ranks of colleges and universities offering scholarships to esports athletes. The team was built largely from an existing club level of participation, but also had begun the process of recruiting new student-athletes to campus. The coach of this new team felt a responsibility to the athletes to help them with life skills and improve their overall health.

The primary purposes of the creation of an official #EsportsMed provider for the SBU varsity esports team are: 1) injury prevention and management, 2) overall health and well-being, and 3) improved performance.

The emergence of this new sport has brought on a new set of challenges and opportunities to explore the impact that the rapidly growing gaming industry is having on the health status of collegiate esports athletes. There is a whole new world of emerging roles that

sports physical therapists play in the development of comprehensive esports medicine programs for collegiate esports athletes.

When working with esports athletes, there are unique needs that can be addressed through traditional health, wellness, and performance-based conditioning and rehabilitation strategies. Commonly reported symptoms from the SBU esports team include: cold hand syndrome, headaches, dry eyes, wrist pain, finger pain, and issues with using a typical computer mouse. Other gamers in the field of esports have developed carpal tunnel syndrome, neck pain, and back pain. The use of wrist wraps and kinesiotape had already started to appear in the sport.

Focusing on SBU's esports team, it was found that the athletes generally tend to be very sedentary and did not have a healthy pattern for eating and exercising. The coach has reported that many of the team members have become emotionally fatigued. By bringing awareness to the negative impact of sedentary behaviors and poor eating habits, injuries can be prevented and action can be taken toward developing a physical and mental training regime. Esports athletes were provided information and consultation of proper nutrition and encouraged to avoid binge behaviors and remove sugar-based sodas from their diet in preference to drinking lots of water.

Esports training also goes beyond health promotion and injury prevention. Principles of aerobic exercise were applied for motor priming. This induces a change in neurochemicals that have been found to have a positive effect on neuroplasticity. While it is hard to tell exactly how much of an impact motor priming will have on gaming, evidence indicates an improvement in cognitive processing, executive function, selective attention, visuomotor accuracy, reaction time, and working memory. Working with the SBU esports team in the future will allow further study into when aerobic priming can best be used to bring positive results in the health of athletes and their performance in the game. ■

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Global Health **OUTREACH**

The following blog posts are excerpts from the Global Health Outreach blog. More stories and information can be found at SBUdptGHO.blogspot.com. If you are interested in serving alongside our students, faculty members, other physical therapy and medical teammates and skilled workers, contact Dr. Beverly McNeal at bmcneal@SBUuniv.edu.



PERU

Wednesday, November 22, 2017

Today we didn't have enough therapists for all of our team members to work with one, so Ethan and I jumped back and forth doing various things. We spent the whole morning doing wheelchair modifications for one patient, a total of 4.5 hours from start to finish. It was not a task for the faint of heart, but we got it done! We ate lunch late and were feeling pretty tired,

but in the afternoon, we ended up evaluating a couple of patients basically on our own, with the help of a translator, of course. Our first afternoon patient could not walk well at all, and she came looking to get a wheelchair. She has 5 children and basically sits in her house all day because it's too painful for her to walk due to lack of strength and some deformities. All the wheelchairs we have given away so far were already assigned to certain patients who were evaluated last year. We told her that we could take measurements and hopefully get a chair for her next year. The disappointment that flooded her face made my heart ache. As we were talking more, I just about felt sick at the thought of sending her home with nothing.

I looked over in the corner of the room and saw a beat-up wheelchair that had been left by a man that had just picked up his new wheelchair. It looked a little beat up, but nothing was wrong with it that I knew of. I asked about the possibility of giving her that chair and ended up getting permission to do so. We had her try it and we didn't even have to make adjustments. It wasn't in great shape, but it was enough. The only thing I'm certain of is that the Lord was there in that moment. He orchestrated everything perfectly for the previous patient to leave behind the old wheelchair so that it could in turn be passed on to this dear woman who could barely walk. It brought me to tears, and I cannot express the gratitude on her face. Nor can I express the thankfulness in my heart. I have no idea how much that wheelchair will impact her life as she waits for a new chair next year, but I hope she is able to interact with her kids more and leave her house more frequently. It was a long day, but it was so incredibly good! **—Kailyn**



HAITI

Wednesday, January 3, 2018

The past 2 days have been pretty busy. Tuesday was spent treating a wide range of patients in the clinic, including stroke, pediatrics, LBP, and knee pain. We started off the day in prayer with the clinic PT, the translators, and our team members. Our team had the honor of treating patients in the newly built PT clinic. The building was just opened on the Friday before the team arrived in Haiti. A wheelchair was given away to a severe stroke patient in order to help the patient be transported back to the clinic the next few days. Throughout the day we have been shocked by the lack of knowledge that most of the Haitian people have about healthcare. Education is a big focus of treatment to help patients understand that therapy is not a quick fix and they need to work hard in order to see improvements.

Wednesday morning was spent treating patients. In the afternoon we held a teaching session with a group of 17 PT technicians (the equivalent of a PT in America). We taught for 3 hours on Neuroplasticity and how to classify patients based on their impairments. This was a big moment for the team because we came to have a lasting effect on the Haitian people as well as the Haitian healthcare. **—Mallory**



EL SALVADOR

Wednesday, January 3, 2018

I heard we saw about 600 patients today. Finding our groove was stressful, but the patients were so...patient. So many hugs and smiles today! I think today was my favorite day so far for no particular reason other than we are really getting to tangibly see how medical care and Jesus changes people's lives. The team is growing closer and closer each day and I'm so thankful for them all. I'm also thankful for the Lord's provision! The meds are in! Tonight after dinner we will be sorting meds for all the people we have seen the last three days and we will be at it for however long it takes. Thankfully, our rest day is tomorrow. Bring on some exploring and seeing what the people do when we are not treating them! It is all about the people. We are here for the people. Por la gente.

—Nicole



BRAZIL

Thursday, March 22, 2018

In the village of "N", there is one church and residents call it a cult. The service was held in the building they denoted as the church. Until this night, every single conversation and devotion, every song, every prayer, and with every hug, I felt surrounded by the presence of Jesus. He has been overwhelming. During this evening, however, I was uncomfortable. I had been able to understand much of the Portuguese messages shared and I recognized many of our songs. But, the spirit with this was so different. I found myself distracted and looking around to find some of sort of comfort in the situation. When I looked at one of our translators, he was distracted and gave me an odd look. When I looked to our American leader he appeared unamused. I communicated with Megan sitting next to me, that "something is off" and she agreed. When this woman finished her last

song, our Brazilian boat team stood to sing a beautiful song, and my heart immediately shifted. Dr. "P" then spoke a sweet message about Romans 8 with the woman caught in adultery whom He saved from stoning by saying, "he who is without sin, cast the first stone" and I was astonished when I knew what God was saying through him. We later found out during our nightly debriefing that the woman had been singing a song about turning to God or burning in hell as a consequence. To that I say, God does not force Himself upon us, nor does He have to.

My heart is broken as I realize how spoiled we are here in the States. We have the ability to church hop as many times and for as long as we'd like. The people of "N" have one option and it is no wonder they call it a cult. **–Lindsey**



EAST ASIA

July, 2018

Upon accepting a position on the East Asia team back in December, I knew that come summertime I would use my two-week summer break to travel and help orphans at SFCV. What I didn't realize is how much this trip would open my heart to these children and all of their sufferings. Most days from 8:30 a.m. to 4:30 p.m., we would spend our time doing therapy sessions on our assigned children each day. Day after day these kids would come into the therapy room with such positive attitudes, ready to do what was asked of them. They have been left, abandoned and put in some of the worst physical conditions possible, but they still had a smile on their face and a laugh you could hear across campus. I think this is one of the things that surprised me the most. You could still see happiness in their eyes in the midst of their sufferings. They were just kids being kids, patiently waiting for their forever families.

Among many other reasons and children, "Alex" especially, opened my heart up to the idea of adoption. "Alex" is almost 4 years old. He has a severe form of spina bifida called myelomeningocele and associated hydrocephalus. Out of all of the children I saw as patients and played with in their houses the past two weeks, I connected with "Alex" the most. Every day "Alex" was my first patient of the day, which made me look forward to morning time each night. His smile was unique, and his laugh was contagious which made our morning sessions always entertaining. Seeing him across campus where he would race over to me in his wheelchair as soon as he knew it was time for therapy made my day. "Alex" was extremely hard working between all of his laughing sessions of course. His goal is to be able to get in and out of his wheelchair this year all by himself, which he is definitely on his way to achieve this goal. The first step is to get his strength up to kneel independently. "Alex" worked so hard on this throughout our two weeks together

that by the end of it he was saying "tall kneeling" in English during every session, which also gave us a good laugh.

Our time at SFCV was short, but life-changing. God helped prepare us so well to be the light in these kids' lives and provide therapy for them the last two weeks. These kids don't let their disabilities hold them back from enjoying their childhood and just being kids. God really was present and with all of these children at the orphanage. To know all of the children are so loved and taken care of helped put me at ease while leaving. To SFCV, I will be back someday! **–Haylee**



ZAMBIA

Saturday, July 7, 2018

On Friday, all six members of our team went to assist in the operating theater. This was one of the more eye-opening and emotional experiences of the trip. We changed into clean scrubs, put on masks, caps, and gloved up. In Zambia, PT's set joint dislocations and perform bone reductions in the OR. The anesthesia here only lasts for 5-10 minutes and patients can become conscious during the procedure. One patient with a dislocated shoulder was placed on the ground with a sheet underneath him. The anesthesia did not work and we watched as the therapists pulled his arm to put his shoulder back into place. This lasted about 20 minutes and he endured the pain. The second patient had a fracture of the tibia and fibula bones. After he was under anesthesia, the therapists tried reducing the fracture by pulling on his leg and manually grinding the bones into place. This one lasted about 30 minutes and the patient woke up during the process. The procedure was unsuccessful and he was sent to a nearby city for surgery and advanced care. Personally, I was left in shock following these procedures. The operating theater is where all patients in this area go to have surgery. The surgeons are general doctors who also administer the anesthesia. Patients would come in from outside and directly into the operating room for their surgery, and there did not seem to be the level of sterilization you would expect in preparing for surgery. Due to the lack of resources, many things are reused that would typically be discarded in the U.S. However, these doctors are working with what they have and doing so much good for people in this area. It's hard for me to adjust my lens as I am here from the U.S., but for the Zambian people, this is all they know. I mention this because there is a need for specialized doctors here to assist with surgery. On top of that, there is a huge need for resources. I am praying that God will provide more medical resources to this hospital and specialized doctors to treat the Zambian people here. **–Jacob**



GLOBAL HEALTH OUTREACH ENDOWMENT

Southwest Baptist University's Department of Physical Therapy has an endowment fund dedicated to supporting Global Health Outreach teams. To celebrate his 20th anniversary at SBU, Dr. Tom Sneed ran a half marathon to raise money for this endowment! As Tom explains, "Global Health Outreach has an endowment that needs money built up in it to help fund mission trips or service learning project needs. With the endowment fund large enough and maintained with responsible growth, funds will be available to help future mission trips indefinitely!"

During Dr. Sneed's journey to prepare for the half-marathon, more than 50 different donors gave \$10,801 to go toward this endowment fund through his campaign, "The Outreach Mission."

The university has a target of 10 percent annual growth for our endowments, and when a fund reaches critical mass, 5 percent of the growth monies is used for the designated projects, and the remaining 5 percent is retained in the fund to facilitate further growth. This fundraising effort pushed our endowment over the spending threshold, so we are now able to distribute our first set of earnings to support upcoming Global Health Outreach teams within our department. This is a very exciting time for us as this has been a long-term goal to establish a functional endowment that provides an income stream for this very important part of the Physical Therapy program at SBU.

We are so thankful to all of our donors who made this possible. We even had student participation that made a huge dent in our goal! The Student Physical Therapy Association chapter at SBU held a trivia night fundraiser that raised \$1,200.

If you would like to be a part of the continual expansion of this endowment or other Physical Therapy projects, go to advance.SBUUniv.edu/Give, enter an amount, and click on "View all giving opportunities."



Top: The Student Physical Therapy Association chapter at SBU presents Dr. Tom Sneed with a \$1,200 check after hosting a fundraising event.

Middle: Dr. Tom Sneed with daughter, Kayla Holt, after completing a half marathon.

Bottom: Dr. Tom Sneed leading his first mission project to India in 1998.

GO BABY GO!



SBU DPT project provides mobility for children with disabilities



Serving others is at the heart of the mission for the faculty, staff, and doctor of physical therapy students at Southwest Baptist University.

SBU's DPT department hosted an event on Nov. 4, 2017, called "Go Baby Go" to provide mobility opportunities for local children with disabilities.

The project was developed by Cole Galloway, a physical therapy researcher at the University of Delaware. The idea is to take a battery-operated toy car, build in extra support for a child who may not be able to sit independently, and modify the activator switch so the child can operate it by using a hand- or head-activated switch.

"Research has shown that finding ways to help kids be independently mobile improves their expressive language and social interaction, and does not reduce their potential for eventually walking," said Dr. Sarah Jones, associate professor of physical therapy at SBU.



SBU DPT students modified four battery-operated toy cars to make them more accessible for children who cannot operate a foot pedal or steer by themselves. Modifications often include replacing the foot pedal with a hand- or head-activated pedal that powers the car and almost always involves building a better support seating system including the seatbelt, head support and roll bars.

Pairing a motor skill with immediate reward helps promote a child's exploration, Jones said, otherwise, they can become passive.

"Seeing a child begin to realize that they are the ones making that car move, and the way that changes their facial expressions or their vocalizations; that's a sweet moment," Jones said.

Jones said that Delaware produced its "Go Baby Go" manuals free of charge for those who are interested in the project in an effort to encourage communities to participate and promote a grass-roots, low-tech effort.

"We are excited to see where this project goes," Jones said. "I am hopeful to do a build project each year, if not each semester, and partner with the community to provide mobility for children of all abilities."

SBU's DPT students provided the labor, but relied on the financial support of local individuals, businesses and sponsors, including Super Lube, Jim Rush Auto and Chuck's Auto Supply.

"This is a project that gets to the heart of what physical therapy is all about," Jones said. "We want our patients to be mobile, but not just for the sake of moving – it's more about using functional mobility to help kids explore and participate in their world."

For more information about the "Go Baby Go" project and SBU physical therapy, contact Sarah Jones at [417] 328-1673 or sarahjones@SBUuniv.edu. ■

Top: SBU DPT students discuss wiring options for a hand-activated switch. (From left): Breck Mitchell, Garrett Dutton, Casey Curtis and Hannah Herbert.

Bottom right: SBU DPT students present Jesse Wells with his modified car. (From left, clockwise): Kayla Sanders, Dami Alao, Bonnie Wells, Jeremy Wells, Melody Hanson and Nicole Hoch.



SBU physical therapy faculty, students and alumni present research at conference

Left to right: Dr. Samantha York '18, Dr. Courtney Ericson '18, Dr. Katie Exline '18, Dr. Mackalah Green '18, and Dr. Levi Mann '18 present their research at the Combined Sections Meeting.



Dr. Madi Susmilch '18 and Dr. Jeffrey Jue '18



Dr. Travis Stafford '18, Dr. Logan Thorp '18, Dr. Mark Adams '18, and Dr. Jordan Parrish '18

Southwest Baptist University's Doctor of Physical Therapy department presented 10 posters at the APTA Combined Sections Meeting in New Orleans, La. on Feb. 21-25, 2018, and two posters at the NEXT conference in Orlando, Fla. on June 27-30, 2018.

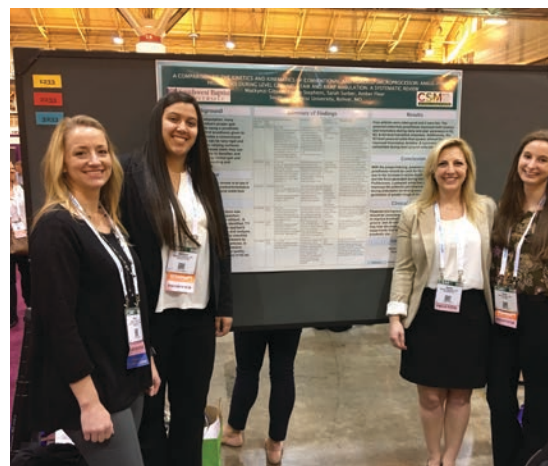
- Cox T, Dubbe M, Paffile B, Tekeste Y, Thompson Z, Watson D. The Effects of Back School on Pain and Disability in Patients with Low Back Pain: a Systematic Review. Combined Sections Meeting, American Physical Therapy Association, New Orleans, LA, February 21-25, 2018.
- Fleer A, Stephens K, Gibson M, Surber S. A Comparison of the Kinetics and Kinematics of Conventional and Powered [Microprocessor] Ankle-Foot Prostheses During Level Ground, Stair and Ramp Ambulation: A Systematic Review. Combined Sections Meeting, American Physical Therapy Association, New Orleans, LA, February 21-25, 2018.
- Jones K, McNeal B, Shane E, Behrens B, Ernst B. In Patients Post Stroke, Does Body Weight Supported Treadmill Training Result In Increased Walking Ability Compared to Overground Walking Training? A Systematic Review. Combined Sections Meeting, American Physical Therapy Association, New Orleans, LA, February 21-25, 2018.
- Jones S, Ericson C, Exline K, Green M, Mann L, York S. The Effect of School-Based Physical Activity Programs on Academic Performance: A

Systematic Review. Combined Sections Meeting, American Physical Therapy Association, New Orleans, LA, February 21-25, 2018.

- Jones S, Babcock S, Krueger K, Lauff G, Perley A. Impact of Intensive Intermittent Physical Therapy Compared to Weekly Frequency on Functional Outcomes Among Children with Cerebral Palsy. Combined Sections Meeting, American Physical Therapy Association, New Orleans, LA, February 21-25, 2018.
- Lesh S, Gargin A, Brink M, Gockman A, Hawkins R. A Systematic Review: What Is the Impact of Kinesiotaping on Lower Extremity Function Specific to Outcomes Observed Using the Star Excursion Balance Test? NEXT 2018, American Physical Therapy Association, Orlando, FL, June 27-30, 2018.
- Lesh S, Jue J, Toeinnes C, Susmilch M, Behrouz S. A Systematic Review: What Is the Impact of Cupping Therapy on Pain Modulation in Both Athletic and Non-Athletic Populations? Combined Sections Meeting, American Physical Therapy Association, New Orleans, LA, February 21-25, 2018.
- Lesh S, Fleer A, Church K, Coburn N, Garcia J, Grainger J. A Systematic Review: Does the Use of a HIIT Regimen Improve Cardiovascular Fitness at Different Rates for Males Versus Females? Combined Sections Meeting, American Physical Therapy Association, New Orleans, LA, February 21-25, 2018.
- Lesh S, Adams M, Stafford T, Thorp L, Parrish J. A Systematic Review: Are Lower Extremity Injuries More Prevalent in Athletes That Have Suffered Sports-Related Concussions? Combined Sections Meeting, American Physical Therapy Association, New Orleans, LA, February 21-25, 2018.
- McNeal B, Jones K, Doe E, Lander E, Wickenheiser A. How Does International Service Experience Affect Professional Development In Physical Therapy Students? A Systematic Review. Combined Sections Meeting, American Physical Therapy Association, New Orleans, LA, February 21-25, 2018.
- Schoeneberg B, Exline K. Global Health Outreach Physical Therapy Conference in East Asia. NEXT 2018, American Physical Therapy Association, Orlando, FL, June 27-30, 2018.
- Sneed T, Cook B, Korth T, Larson J, Massey H, Michael L. In Pectoralis Major Tear, What Is the Critical Finding(s) Determining Surgical vs Non-Surgical Intervention: A Systematic Review with Critical Synthesis of the Literature. Combined Sections Meeting, American Physical Therapy Association, New Orleans, LA, February 21-25, 2018.



Top: Dr. Kelsey Krueger '18, Dr. Sarah Jones, and Dr. Alyssa Perley '18
Second: Dr. Amber Fleer, Dr. Mackynzi Gibson '18, Dr. Kaylee Stephens '18, and Dr. Sarah Surber '18
Third: Dr. Nate Coburn '18, Dr. Kristin Church '18, and Dr. Jessica Grainger '18
Bottom: Dr. Lauren Michael '18, Dr. Haylee Massey '18, Dr. Blakely Cook '18, and Dr. Tom Sneed



Certifications and Specializations from the American Board of Physical Therapy Specialists

Congratulations to the following alumni for earning their credentials from the American Board of Physical Therapy Specialists:

BOARD-CERTIFIED GERIATRIC SPECIALISTS

Jolee [Cook] Hotop '13
Jimmie Storms '11

BOARD-CERTIFIED ORTHOPAEDIC SPECIALISTS

Haley [Stockton] Burnside '13
Elliot Davenport '13
Jana [Shewmaker] Whitt '13

BOARD-CERTIFIED SPORTS SPECIALIST

Tyler Anderson '13



Top Academic Student Awards

LEFT TO RIGHT: Ryan Blumer, Brittany Ernst-McVeigh, Mark Adams, Zac Thompson with Dr. Steven Lesh



Pro Bono National Honor Society Inductees

LEFT TO RIGHT: Alison Wickenheiser, Yonas Tekeste, Bryse Paffile, Graham Lauff, Erika Loney, Alex Gockman, Kia Her, Elizabeth Doe, Shelby Babcock with Dr. Beverly McNeal



Babcock designated as Bill Karl Service Award Winner

Shelby Babcock '18 was named the Bill Karl Service Award recipient, which is presented annually to a graduating Doctor of Physical Therapy student who demonstrates superlative service to the Lord, the profession of physical therapy and the University. The award is named as a memorial to Bill Karl, MPT '98, the first recipient of this award, who died tragically after his graduation in 1998.



◀ Clinical Instructor of the Year

Kevin Minnick, DPT
Ray County Memorial Hospital

Clinical Facility ▶ of the Year

Texas Health Presbyterian
Hospital Dallas
Maria Berinti, PT, CCCE



Thank you to our local Interdisciplinary Clinical Experiences [ICE] Sites for providing opportunities for our students to gain valuable skills through interaction with other healthcare professionals during the 2017-2018 academic year.

Citizens Memorial Healthcare Facility
Parkview Healthcare Facility
Ash Grove Healthcare Facility
Colonial Springs Healthcare Center
Lake Stockton Healthcare Facility
Community Springs Healthcare Facility
Butterfield Residential Care Center
CMH Inpatient Acute Care Therapy
CMH Pediatric Speech Therapy
CMH Home Medical Equipment
CMH Radiology
Primary Care Medical Home Care Management
Sports & Occupational Medicine
Stockton Family Medical Center
Bolivar Family Care Center
Butterfield Park Medical Center
Humansville Family Medical Center

Pleasant Hope Family Medical Center
Dade County Family Medical Center
Ash Grove Family Medical Center
Southside Medical Center
CMH Social Services
CMH Cardio-Pulmonary Rehabilitation
Mercy Hospital Inpatient Acute Care Therapy
Mercy Orthopedic Hospital Inpatient Acute Care Therapy
Mercy Bolivar Convenient Care
Ozark Neuro Rehab
Polk County Health Center
Scott-Larson Orthotics
Stephens Pharmacy
Alpha-Omega Orthotics & Prosthetics
Hanger Clinic: Prosthetics & Orthotics
Bolivar Drug

APTA Combined Section Meeting

At the APTA Combined Section Meeting in New Orleans this February, we had a great gathering of our alumni show up to the Global Health SIG meeting. At this reunion, we had a particularly exciting gathering of four of our past Bill Karl Award winners!



▲ **Left:** Global Health SIG meeting | **Right:** Four of the past Bill Karl Award recipients, Brittany (Millspaugh) Storms '10, Jimmie Storms '11, April Fajardo '15, and Clara Stevens '09

Alumni Event at Kauffman Stadium

On August 11 we hosted our first ever Alumni Event at a Major League Baseball game! More than 80 alumni, family, and friends came to watch the Kansas City Royals play the St. Louis Cardinals. Be looking for information about next year's summer Alumni event!

If you have any suggestions about a future location, contact Julie Mpofu at jmpofu@SBUniv.edu.



SHOUT-OUTS



◀ **Dan Steventon '14** received the Carlson Family Outstanding Pediatric Oncology Employee of the Year from Sanford Health.

▶ **Spencer '15 & Laura Ashley (Smith) Hunter '15** were married on June 17, 2017 in Wilmington, N.C.



◀ **LDCR C. Rainey '09** earned the Jr. Therapist of the Year presented by the USPHS at the 2018 COF Symposium Therapy Category Day on June 6 in Dallas, Texas.

Know of any alumni who have been doing something amazing?

Give them a shout-out on our Facebook page or send an email to jmpofu@SBUniv.edu.

SBU PT alumni announce **FUTURE BEARCATS**

Karissa (Fisher) Ward '16 welcomed Audi in August 2018.

Tori (Draper) Percy '15 welcomed Hudson in August 2018.

Ryan Dougherty '15 welcomed Remington Cornelius in July 2018.

Trevor Schmidt '14 welcomed Sean David in July 2018.

Ana Musket '18 welcomed Grayson in June 2018.

Dan Steventon '14 welcomed Emerie Jean in June 2018.

Leah (Hoffman) Barry '13 welcomed Russel William in June 2018.

Trennon Roarty '20 welcomed Breznyn Lynlee in June 2018.

Megan (Issacs) Robertson '15 welcomed Mya Ann in June 2018.

Grant Collins '08 welcomed Gauge Hunter in June 2018.

Marla (Young) Poteat '15 welcomed Briar Layne in April 2018.

Sean Duggan '18 welcomed Emerie Rose in April 2018.

Darrin Wahl '17 welcomed Kate Eloise in April 2018.

Nate Cappola '17 welcomed Aurora Heath in January 2018.

Tyler Anderson '13 and Chaely Anderson '14 welcomed Ella Paige in January 2018.

Lauren (Rowland) Gates '10 and Jacob Gates '16 welcomed Mack in January 2018.

Amanda (Blaede) Myers '11 welcomed Tripp in December 2017.

Zarah (McPike) Denbow '12 welcomed Addisyn in December 2017.

Becky Schoeneberg '08 welcomed Emogene Hope in December 2017.

Uzias Gonzalez '11 welcomed Leo Isaac in November 2017.

Ashley (Lindsey) Marsh '17 welcomed Lizzy Jael in November 2017.

Nick Allard '15 welcomed Amy Jane in November 2017.

Stephen Zahner '17 welcomed Lily-Grace Elizabeth in October 2017.

Jennifer (Faulkner) Sauerbrunn '16 welcomed Nora Lynn in September 2017.

Denise (Roland) Peacock '05 welcomed Alijah Matthew in September 2017.

Brittany Albers '16 welcomed Nora Mae in August 2017.

Alyson (Young) Hooten '14 and Cody Hooten '14 welcomed Max in August 2017.

Joanna Hansen '10 welcomed Skylar Grace in August 2017.

Ashley (Hodges) Jordan '13 welcomed Kennedy Grace in July 2017.



CONGRATULATIONS *Class of 2018!*

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