



UT Southwestern
Medical Center

Department of Physical
Medicine & Rehabilitation

P M & R

C O N N E C T I O N

FALL 2021

Message from the Chair



Kathleen R. Bell, MD

Professor/Chair

Kimberly-Clark Distinguished

Chair in Mobility Research

Department of PM&R

As we enter the fall, I started thinking about numbers... more specifically, the growth in the PM&R Department, and what the future holds. For context, while Dallas is the 9th largest city in the United States, our neighborhood, Dallas-Fort Worth, becomes the 4th largest city. Dallas has grown by 12.5% since 2010. Two of the ten fastest growing cities in the US are Frisco and McKinney, just north of Dallas. The population is young (median age 35 years) and well educated (87% with high school, 36% with a Bachelor's or better). DFW is incredibly diverse — more than a quarter of the Dallas population is foreign-born. In addition to those from Mexico and Central America, Dallas is home to large populations of first and second generation families from Korea, Taiwan, China, Vietnam, Thailand, India, Pakistan, and Sri Lanka. There is a vibrant population from Ethiopia, Eritrea, and Somalia. DFW hosts 70,000 immigrants who speak Russian. Lastly, Dallas is home to the 12th largest lesbian, gay, bisexual and transgender/queer population in the US.

Clinically, in the last 7 years, the PM&R Department at UT Southwestern has grown from 54 inpatient beds at two sites to 98 beds at four sites. We have grown from 3 sites of ambulatory care to 8 sites which include

our clinics in Frisco, Fort Worth, and Las Colinas. These figures do not take into account the North Texas VA Medical Center. We have one of the largest post-COVID clinics in Texas and the largest pelvic rehabilitation program. We've started our cancer rehab and musculoskeletal programs, and have doubled the sizes of our spine and pediatric rehab programs. We have easily doubled the number of TBIs and SCIs seen in our system.

And moving forward? We are currently working to reformulate our approaches to patient care with the inauguration of our interdisciplinary neuro-oncology clinic, the planning of new musculoskeletal and sports medicine programs, the comprehensive pain program, and the seamless stroke care program. Incorporating telehealth to reach distant east and west Texas and surrounding states. Expanding our services to our Hispanic populations. It's an exciting time and one that will be focused on continued enhancement of quality and community for our patients.

PM&R

C O N N E C T I O N

FALL 2021

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Expanding Clinical Outreach

WRITTEN BY KAVITA TRIVEDI

Over the past several years, our UT Southwestern multidisciplinary spine clinic has expanded its clinical outreach into the DFW metroplex through several satellite clinics. We have had a significant growth in our operative and non-operative teams in these clinics. We now offer a full spectrum of spine and musculoskeletal care on the Frisco campus through the efforts of **Dr. Nasser Ayyad** and **Brooke Hays, AGNP**. Patients can benefit from the convenience of clinic visits and fluoroscopic-guided procedures all within the Frisco campus.



Nasser Ayyad,
D.O.



Larah Brown,
M.S.N., APRN,
ANP-C



Renee Enriquez,
M.D.



Rita Fulmer,
M.S.N., APRN,
FNP-C



Brooke Hays,
M.S.N., APRN,
AGNP-C



Wendy Moore,
M.S.N., APRN,
FNP-BC



Ankit Patel,
M.D.



G. Sunny Sharma,
M.D.



Kavita Trivedi,
D.O.

There has also been steady growth in our Richardson spine satellite clinic through the hard work of **Dr. Sunny Sharma** and **Rita Fulmer, FNP**. The Richardson campus also provides our spine patients with the opportunity to benefit from their physical therapy services.

The Las Colinas spine clinic is approaching its one year anniversary and has demonstrated growth in both spine and musculoskeletal care with the assistance of **Dr. Ankit Patel, Dr. Renee Enriquez, and Larah Brown, ANP**. The Las Colinas clinic offers patients with the opportunity to undergo fluoroscopic guided injections conveniently in its office-based fluoroscopy suite. There is also a dedicated ultrasound room for ultrasound based musculoskeletal treatments. In the near future, there are plans to integrate outpatient physical therapy in Las Colinas.

In addition to improving patient access in the metroplex, all of our satellite clinics have provided medical students, residents, and fellows with a broader exposure to various practice settings and a diverse patient population.

Celebrating the First ISSM Fellowship Graduate

We are also very proud to have established the interventional spine and musculoskeletal medicine (ISMM) fellowship in 2020. **Dr. Esther Yoon** recently completed the inaugural year of our fellowship and will be joining a private practice group in Denver, Colorado. Despite starting her fellowship in a year that was significantly affected by COVID, Dr. Yoon demonstrated excellence in all aspect of patient care and team work. We are delighted that she is our first graduate, and wish her the very best in her next chapter.

We are excited to welcome this year's incoming fellow, **Dr. Ryan Whitmer** from Baylor (Dallas). The success of our ISMM fellowship is a testament to our enthusiastic faculty members and our strong administrative team. Through their efforts, our fellowship program has been granted provisional status with the North American Spine Society, and we have been participating in the national fellowship match program for the past 2 years. We look forward to finding out who we will be matching with for the 2022–2023 Fellowship year.

Based on our overall growth and success over the past several years, we are excited about the future of our spine/MSK practices and educational endeavors in the DFW metroplex.



2020 ISSM fellow Dr. Esther Yoon performing a procedure at the OSC with Dr. Ankit Patel



To celebrate our first graduating fellow, x-ray tech, Mark Kuklinski, presented Dr. Yoon with a personalized “spine trophy.”

SPINE CENTER GROWTH & SUCCESS



Spine Center faculty and staff celebrating the first ISSM fellowship graduate, Esther Yoon. From left to right: Sunny Sharma, Nasser Ayyad, Renee Enriquez, Esther Yoon, Terri Isbell, Kavita Trivedi, Ankit Patel, Reed Williams.



I enjoy being part of a multidisciplinary team that can provide care to patients that may need multifaceted care all in one space. I love our team approach of working with the patient toward a common goal and always strive to provide exceptional patient-centered care.

Wendy L. Moore, M.S.N., APRN, FNP-BC

Improving Care Through Research



Renee Enriquez,
M.D.

The Multidisciplinary Spine Center at UTSW continues to be active in research endeavors. We meet monthly to discuss research ideas with the spine surgeons to collaborate on topics in hopes to improve the care that we provide to our spine patients.

Dr. Enriquez is working on a project to discern patient opinions on and their satisfaction with the use of telemedicine visits provided by the providers at the Spine Center.



Ankit Patel,
M.D.

Dr. Patel is finishing a study which investigates the surgical outcomes in patients undergoing epidural steroid injections prior to spine surgery for lumbar spinal stenosis.

Dr. Trivedi has completed a study investigating ergonomics in the workplace and the role of exercise in back pain in physicians. Given some of the delays in care caused by the COVID-19 pandemic, she is also looking at the impact of delays on patient outcomes in lumbar spine procedures. In addition, Dr. Trivedi has been researching the impact of COVID-19 on elective, outpatient spine procedures and telehealth utilization. She is also researching outcomes in patients with suspected lumbar radiculopathy undergoing lumbar selective nerve root blocks. On a different note, the access of patients to their providers is very important to provide excellent patient care. UTSW has implemented the My Chart system which is a portal that patients can use to directly communicate with their provider. Dr. Trivedi is studying if there is a relationship between the utilization of My Chart messages with affective disorders in non-surgical spine patients. A similar study is being done with surgical spine patients.

The goal of our spine research is to continue to discover potential advancements that can be translated to clinical care to provide outstanding care to our patients.



Kavita Trivedi,
D.O.

Volunteering at the Tokyo Olympics



Stephanie Tow,
M.D.

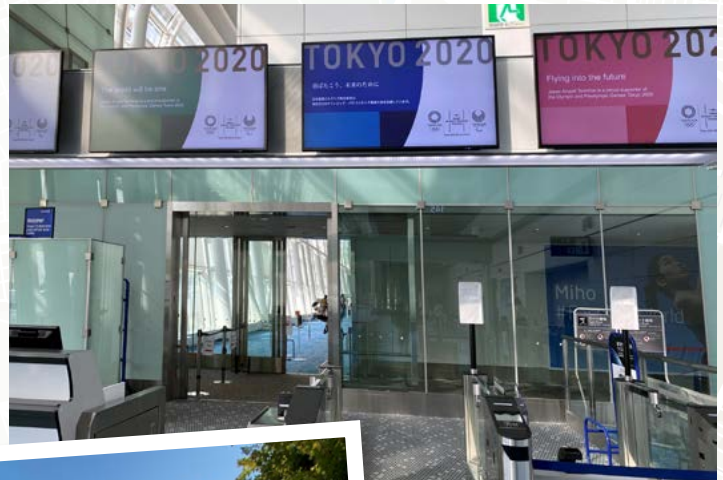
Stephanie Tow, M.D., Director of the Adaptive Sports Medicine Program at UT Southwestern, served as a volunteer physician at the Tokyo 2020 Olympics.

Upon arrival at Tokyo airport, Dr. Tow goes through a 2-hour process of screening specific to Olympics personnel, including various document checkpoints and COVID-19 testing before being allowed to leave the airport to the city.

DAY 1: Dr. Tow is transported from her hotel in Koto-ku, Tokyo to the Olympics isolation hotel for asymptomatic/mild COVID-19 positive Olympics personnel.

DAY 2: Dr. Tow takes the International Olympics Committee Medical staff bus, with other overseas medical staff, to shifts at the isolation hotel and athlete village.

DAY 3: The Polyclinic in the Olympic Village (*photo right*) is the main medical/clinical services building in the athlete village, including basic emergency care, orthopedics, diagnostic imaging, laboratory services, physical therapy, internal medicine, ophthalmology, and dentistry. All care provided at the Polyclinic is free to Olympics/Paralympics delegates.





Part of the overseas physician team recruited by the International Olympic Committee to help with general medical support in the Tokyo 2020 Olympic athlete village, as well as in the isolation hotel.

From left to right: Dr. Gavin Jones, Dr. Irina Zelenkova, Dr. Selvina Uppiah, Dr. Molie Xu, Dr. Yeltay Rakhmanov, Dr. Ahmad Khatatbeh, Dr. Stephanie Tow, and Dr. Sergio Miguel Angel Toloza

DAY 3: The Fever/COVID-19 clinic (*photo right*) managed any Olympics/Paralympics delegates who tested positive for COVID-19 or were in close contact with those who tested positive for COVID-19.

After her shift at the Fever/COVID-19 clinic, Dr. Tow snaps a quick night-time photo of the Olympic Athlete Village with the row of flags right outside the clinic.



DAY 4: Dr. Tow working with a other US sports medicine physicians working at the isolation hotel during a day that Tokyo 2020 Paralympic Games medical director Dr. Stuart Willick visits the hotel. They discussed the current status of the isolation hotel and some feedback for modifications, as well as anticipated needs for the Paralympic Games.

Pictured (*left to right*): Dr. Michael Fredericson, Dr. Stuart Willick, Dr. Stephanie Tow, Dr. Kirk O'Donnell



GLOBAL COMMUNITY

DAY 5: The Olympic Athlete Village Plaza (the main entrance to the athlete village), is home to multiple shops, a post office, hair salon, and other amenities. The wood in the village plaza came from many different prefectures of Japan.

Dr. Tow explores the Olympic and Paralympic Athlete Village with Dr. Michael Fredericson from Stanford PM&R/Sports Medicine. Dr. Tow also got to meet Dr. Fredericson's family over FaceTime as they wandered the village and helped him shop for Tokyo 2020 souvenirs for his kids.

DAY 6: Dr. Tow visits the Team USA building/housing complex in the Olympic Athlete Village.

At the Team USA sports medicine area, Dr. Tow catches up with mentor Dr. Jon Finnoff along with her new friend who also worked as one of the physicians in the isolation hotel/Polyclinic/COVID-19/Fever Clinic, Dr. Kirk O'Donnell, CMO of Meenta, the company that Team USA used to complete COVID-19 testing in order to travel to Japan safely.

Pictured (left to right): Dr. Kirk O'Donnell, Dr. Stephanie Tow, Dr. Jonathan Finnoff



TOKYO 2020



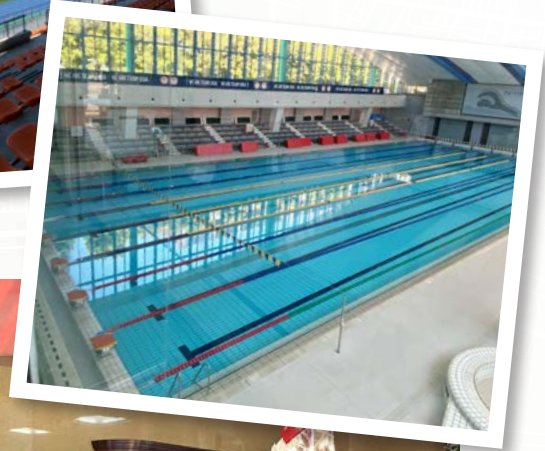
DAY 8: After working Day 7 at the isolation hotel, Dr. Tow explores the athlete village further before a research meeting with the International Olympic Committee. Pictured right is one of the Toyota autonomous vehicles cruising through the Tokyo 2020 Olympic Athlete Village, with the row of flags on the right.



DAY 9: Dr. Tow visits the Team USA High Performance Center in Setagaya, including the track and pool where Tokyo 2020 Olympic athletes train.



Pictured (*left to right*): Dr. Mark Hart, Dr. Kirk O'Donnell, Dr. Michael Fredericson, Dr. Mark Hutchinson, and Dr. Stephanie Tow



DAY 10: A view of the city (*below*) during the Tokyo 2020 Olympic Games Closing Ceremony as we look forward to the next Summer Olympic Games in 2024!



Click here to read more about Dr. Tow's experience at the Tokyo 2020 Olympics.

Partnering with the US Paralympics Swimming Team

UT Southwestern's PM&R Department and the Adaptive Sports Medicine Program partnered with US Paralympics Swimming to provide sports medicine event coverage at the 2021 World Para Swimming World Series in Lewisville, Texas in April 2021. As the first World Para Swimming meet since the start of the pandemic and a qualifier for Trials for the Tokyo 2020 Paralympic Games, elite Para swimmers from 16 countries were excited to get back into the pool and compete at this international meet.

Over several months leading up to the event, our medical team assisted US Paralympics Swimming in preparing its emergency action plan and rigorous COVID-19 prevention protocol, including pre-travel COVID-19 PCR testing and partnering with Spartan Medical Inc. to ensure all event participants received COVID-19 PCR testing on-site prior to the event to mitigate the risk of COVID-19 infection and keep event participants safe. The event was a success!



Left to right: Erin Popovich (Director of US Paralympics Swimming), Ryan Argo (Spartan Medical Inc. and Dr. Lindsay Ramey Argo's husband), Dr. Lindsay Ramey Argo, Dr. Stephanie Tow

Huge thanks for all of the support from our wonderful medical team:

Stephanie Tow, MD

US Paralympics Swimming
National Team Head Team Physician
and Medical Director of the 2021
Lewisville World Para Swimming
World Series, UTSW PM&R Sports
Medicine Attending Physician

Lindsay Ramey Argo, MD

UTSW PM&R Sports Medicine
Volunteer Physician

Reed Williams, MD

UTSW PM&R Sports Medicine
Attending Physician

John Donovan, MD

UTSW PM&R PGY-2 Resident

Nnaemeka Echebiri, MD

UTSW PM&R Residency Alumni—
Class of 2021

Rebekah Forshey

UTSW Prosthetics & Orthotics
Master's Program Alumni—
Class of 2021

Eva Koster

TCOM 4th year medical student

Kristen Santiago

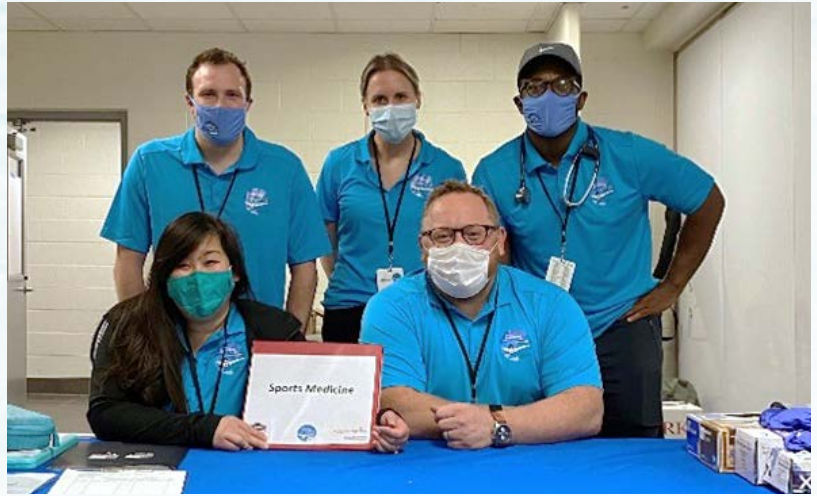
UTSW 2nd year medical student

Catherine Scott

UTSW PA School Alumni—
Class of 2021

Our medical team was on-site at the 2021 World Para Swimming World Series providing sports medicine coverage and partnering with Spartan Medical Inc. to ensure all event participants received COVID-19 PCR testing.

Back row, left to right: Dr. John Donovan, Eva Koster, Dr. Nnaemeka Echebiri. Front row, left to right: Dr. Stephanie Tow, Dr. Reed Williams



The 2021 UTSW DFW Adaptive Sports Symposium and Expo was a great success. Many thanks to everyone who participated!



The fully virtual, all-day event was held on Saturday, October 2, 2021 and included educational sessions on various adaptive sports topics, sessions led by adaptive sports experts, and interactive break-out sessions featuring adaptive sports organizations and resources.

More content will be available soon.

SAVE THE DATES

FRIDAY

October 14, 2022

UTSW 2nd Annual Adaptive Sports Symposium

SATURDAY

October 15, 2022

UTSW DFW 6th Annual Adaptive Sports Expo

AdaptiveSports

UT Southwestern
Medical Center

PGY-2 Residents



Michael Burke, MD

McGovern Medical School
University of Texas, Houston, TX
Internal Medicine Prelim,
University of Texas, Houston, TX



Rahul Dewan, DO

University of North Texas Health
Science Center – TCOM, Ft. Worth, TX
Physical Medicine & Rehabilitation,
UT Southwestern Medical Center,
Dallas, TX



John Donovan Jr., MD

Penn State University College
of Medicine, Hersey, PA
Physical Medicine & Rehabilitation,
UT Southwestern Medical Center,
Dallas, TX



Britton Eastburn, MD

Texas A&M Health Science
Center College of Medicine,
College Station, TX
Physical Medicine & Rehabilitation,
UT Southwestern Medical Center,
Dallas, TX



Ryan Flowers, DO

University of North Texas Health
Science Center – TCOM, Ft Worth, TX
Physical Medicine & Rehabilitation,
UT Southwestern Medical Center,
Dallas, TX



Martin Laguerre, MD

University of Florida College of
Medicine, Gainesville, FL
Physical Medicine & Rehabilitation,
UT Southwestern Medical Center,
Dallas, TX



Timothy Olivier, MD

University of Massachusetts Medical
School, Worcester, MA
Internal Medicine Prelim, UMass
Medical School Worcester, MA



Ellen Sloan, MD

University of Tennessee, HSC
College of Medicine, Memphis, TN
Physical Medicine & Rehabilitation,
UT Southwestern Medical Center,
Dallas, TX



Jake Stephen, DO

NY Institute of Technology College
of Medicine, Old Westbury, NY
University of Medicine, Transitional
Year, Lehigh Valley Hospital,
Allentown, PA

Recently Graduated Residents



Nnaemeka Echebiri, MD
Interventional Spine &
MSK Medicine Fellowship,
OSS Health, York, PA



David Eng, MD
Private Practice,
Las Vegas, NV



Lauren Fulks, MD
Pediatric Rehabilitation
Medicine Fellowship,
Cincinnati, OH



William Lian, MD
Desert Spine &
Sports Fellowship,
Phoenix, AZ



Adam Muffler, MD
Inpatient
Rehabilitation,
South Texas



Brent Page, MD
Desert Spine &
Sports Fellowship,
Phoenix, AZ



Diana Pham, MD
Private Practice,
Wound Care Clinic,
Dallas, TX



Kayla Williams, MD
Pediatric Rehabilitation
Medicine Fellowship,
UT/CMC, Dallas, TX

GO → PMR

The future of medicine, today.

Giving back to promote residency development (GO-PMR) was created to enhance the educational experience for residents and fellows of the Department of Physical Medicine and Rehabilitation. GO-PMR provides an opportunity for those who have benefited from outstanding training at UT Southwestern to give back to the program, and for faculty to support our trainees.

CONTRIBUTE TO GO-PMR



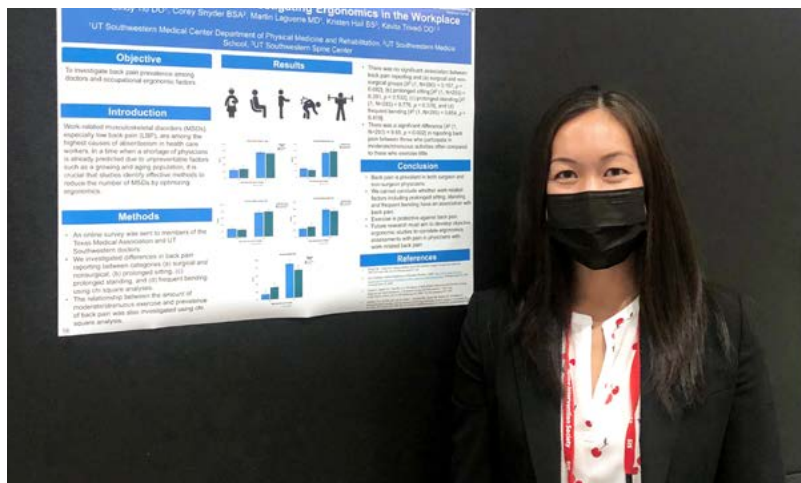
To contribute, scan the QR code above or go to <https://engage.utsouthwestern.edu/donatego-pmr>.

ANNOUNCEMENTS & AWARDS



UTSW PM&R department rose in national rankings this year! Previously scored as reputation-only category, we are thrilled to be recognized among the best in Rehabilitation Care.

#17 in Rehabilitation



PM&R PGY3 resident **Cindy Tiu, DO**, was invited to the Spine Intervention Society meeting in Washington D.C. August 18–21, 2021, to present a poster for her abstract entitled *Back Pain in Physicians: Investigating Ergonomics in the Workplace*. Congratulations, Cindy!



The [Sexuality and Intimacy After Burn Injury](#) video, produced by the Model Systems Knowledge Translation Center (MSKTC) in collaboration with researchers and individuals with the [North Texas Burn Rehabilitation Model System](#), was awarded a 2021 Bronze Telly Award, the premier award honoring video and television across all screens.

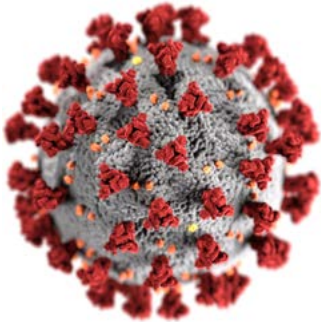


Photo credit: Alissa Eckert, MSMI, Dan Higgins, MAMS

UT Southwestern has been chosen as one of only three sites in the U.S. to take part in a Centers for Disease Control (CDC) study on the post-acute effects of COVID-19 in the fall of 2021.

Dr. Kathleen Bell, Chair of Physical Medicine

and Rehabilitation (PM&R), and Dr. Surendra Barshikar, Vice Chair of Clinical Operations of PM&R, have worked closely with the CDC's long COVID unit since its inception early in the pandemic. Dr. Bell and Dr. Barshikar started one of the first long COVID rehabilitation treatment programs in the country which helped them be selected as one of the sites.

The CDC study will look at types of symptoms, clinical findings, and management of patients with persistent health concerns following COVID. The goal is to improve understanding of clinical management of long COVID as well as help the CDC to come up with clinical and public health guidance.



Estefanie Garduno, Clinical Research Coordinator, was accepted to the Master of Science in Health Informatics program here at the UTSW Graduate School of Biomedical Sciences. Congratulations, Estefanie!

BEST



2021

Kudos to the following UT Southwestern physicians who were named top in their field by D Magazine, as chosen by their peers.

Kim Barker, M.D.

Kathleen R. Bell, M.D.

Renee Enriquez, M.D.

Fatma Gul, M.D.

Isabel Huang, M.D.

Karen Kowalske, M.D.

Ankit Patel, M.D.

Kelly Scott, M.D.

Kavita Trivedi, D.O.

PUBLICATIONS & PRESENTATIONS

PUBLICATIONS

Pham T, Butler A, Weideman R and **Annaswamy TM**. Phosphodiesterase 5 Inhibitor Use in Patients Undergoing Decompression Surgery for Lumbar Spinal Stenosis. *Am J Phys Med Rehabil*. 2021 Jun 12.

Annaswamy TM, Chandan P and Houtrow AJ. Healthcare for People with Disabilities: Need for Systemic Change. *PM R*. 2021 May 24; 1-3.

Desai K, Prabhakaran B, Ifejika N and **Annaswamy TM**. Personalized 3D exergames for in-home rehabilitation after stroke: a pilot study. *Disabil Rehabil Assist Technol*. 2021;1-10. <https://doi.org/10.1080/17483107.2021.1913518>. 2021 Apr 24.

Annaswamy TM, Singh R and Ifejika NL. Letter to the Editor: Responding to the History and Efficacy of the “Three Hour Rule” by Miller and Forer. *PM R*. 2021 Apr 23.

Annaswamy TM, Rizzo JR, Schnappinger A, Morgenroth DC, Engkasan JP, Ilieva E, Arnold WD, Boninger M, Bean AC, Cirstea CM, Dicianno BE, Fredericson M, Jayabalan P, Raghavan P, Sawaki L, Suri P, Suskauer SJ, Wang QM, Hosseini M, Case C, Whyte J, Paganoni S. Evidence-Based Medicine Training in US-based Physiatry Residency Programs. *Am J Phys Med Rehabil*. 2021 Apr 8.

Annaswamy TM, Cunniff K, Krull M, Yap L, Hasley M, Lin C-K and Petrasic J. Lumbar bracing for chronic low back pain: A randomized controlled trial. *Am J Phys Med Rehabil*. 2021 Mar 30.

Annaswamy TM, Pradhan GN, Chakka K, Khargonkar N, Borresen A and Prabhakaran B. Using biometric technology for telehealth and telerehabilitation. *Phys Med Rehabil Clin N Am*. 2021 May;32(2):437-449.

Annaswamy TM. Advances in Virtual, Augmented & Mixed Reality (XR) in VA Facilities. *Physiatry Forward: Association of Academic Physiatrists' Member Magazine*; pp. 15; Spring 2021.

Joyce, E., Bakshi, R., **Fediw, M.** et al. Safety of fluoroscopically guided pain procedures in patients receiving cytotoxic chemotherapy: a retrospective analysis. *Support Care*

Cancer **29**, 5173–5178 (2021). <https://doi.org/10.1007/s00520-021-06085-0>; 2021 Feb 24

Desai K, Prabhakaran B, **Ifejika N**, Annaswamy TM. Personalized 3D exergames for in-home rehabilitation after stroke: a pilot study. *Disabil Rehabil Assist Technol*. 2021 Apr 24:1-10.

Riley Y, Stitt J, Hill C, Stutzman SE, Venkatachalam AM, Aguilera V, **Ifejika NL**. Implementation of an Objective Staffing MATRIX Improves Nurse Satisfaction with Assignment Equity. *J Neurosci Nurs*. 2021 Jun 10.

Nguyen DQ, **Ifejika NL**, Reistetter TA, Makam AN. Factors Associated with Duration of Rehabilitation Among Older Adults with Prolonged Hospitalization. *J Am Geriatr Soc*. 2021;69:1035-1044.

Ifejika NL, Vahidy F, Reeves M, Xian Y, Liang L, Matsouaka R, Fonarow GC, Savitz SI. Association between 2010 Medicare Reforms and Utilization of Post-Acute Inpatient Rehabilitation in Ischemic Stroke. *Am J Phys Med Rehabil*. 2021;100:675-682.

Grusky AZ, Giri A, O'Hanlon D, and **Jain NB**. The Relationship of Aging and Smoking with Rotator Cuff Disease: A Systematic Review and Meta-Analysis. *American Journal of Physical Medicine and Rehabilitation*. Jun 2021.

Yanik EL, Keener JD, Lin SJ, Colditz GA, Wright RW, Evanoff EA, **Jain NB**, and Saccone NL. Identification of a Novel Genetic Marker for Risk of Degenerative Rotator Cuff Disease Surgery in the UK Biobank. *Journal of Bone and Joint Surgery*. May 2021.

Grusky AZ, Song A, Kim P, Ayers GD, Higgins LD, Kuhn JE, Baumgarten KM, Matzkin E, and **Jain NB**. Factors Associated with Symptomatic Rotator Cuff Tears: The ROW Cohort Study. *American Journal of Physical Medicine and Rehabilitation*. 2021 Apr 1;100(4):331-336

Yang AJ, Haring RS, Tran T, and **Jain NB**. Factors Influencing Fellowship Decision Making During Physical Medicine & Rehabilitation Residency. *American Journal of Physical Medicine & Rehabilitation*. 2021 Apr 1;100(4):396-401

Perrin, P. B., Klyce, D. W., Fisher, L. B., **Juengst, S. B.**, Hammond, F. B., Gary, K. W., Niemeier, J. P., Bergquist, T. F., Bombardier, C. H., Rabinowitz, A. R., Zafonte, R. D., & Wagner, A. K. (in press). Relations among suicidal ideation, depressive symptoms, and functional independence during the ten years after traumatic brain injury: A model systems study. *Archives of Physical Medicine and Rehabilitation*.

PRESENTATIONS/POSTERS

Annaswamy TM. Speaker. XR-Inspired Physical Medicine & Rehabilitation Research. VHA XR Network Leadership Kickoff Call. TEAMS Webinar. June 29, 2021.

Annaswamy TM. Remote Physical Assessment via Telemedicine: Customizing Solutions for Persons with Disabilities. Spotlight Telemedicine – International Summit on Innovation & Technology. May 28-29 2021.

Annaswamy TM. Interviewee. Physiatry Perspectives. AAP Podcasts. <https://m.soundcloud.com/qc7fcqz12d/the-research-path-interview-with-Thiru-Annaswamy-MD>

Belko S, Chakka K, Wu R and **Annaswamy T**. An Evaluation of Remote Tele-Physical Assessments (TelePA) via a Needs Assessment Survey. Shaping the Future of TeleRehabilitation Through Research. Virtual Poster Presentation. Shaping the Future of TeleRehabilitation through Research: LearRN & CoHSTAR Virtual Institute. April 20, 2021.

Pham T, Butler A, Vu K and **Annaswamy TM**. Utility of Misoprostol in Lumbar Spinal Stenosis: Retrospective Review and Cross-Sectional Study. Poster Presentation. Abstracts of Scientific Papers and Posters Presented at Physiatry '21, American Journal of Physical Medicine & Rehabilitation: April 2021 - Volume 100 - Issue 4 - p a203. doi: 10.1097/PHM.0000000000001696.

Annaswamy TM. Faculty, American Shoulder and Elbow Surgeons National Journal Club (virtual) April 2021.

Annaswamy TM. Chair, Interventions – II, International Society for Physical and Rehabilitation Medicine (ISMRM) Congress (virtual) June 2021.

Barkishar, S. COVID Recover-multidisciplinary treatment for PASC-lecture at the TexMed annual conference 2021

Jones EM, **Ifejika NL.** The Science of Stroke. What to Know: a Bi-Weekly Video Series, UT Southwestern Medical Center, Dallas, TX (Online) <https://utswmed.org/whattoknow/>. May 2021.

Ifejika NL. Addressing Health Disparities in Psychiatric Practice. Schwab Rehabilitation Hospital Grand Rounds/Sinai Chicago, Chicago, IL (Virtual). June 16, 2021.

Jain, N. Faculty, American Shoulder and Elbow Surgeons National Journal Club (virtual). 04/2021

Jain, N. Chair, Interventions – II, International Society for Physical and Rehabilitation Medicine (ISMRM) Congress (virtual). 06/2021

Mulpuri N, Reddy N, Larsen **K, Patel A,** Diebo B, Passias P, Tappen L, Gill K, Vira S. Clinical outcomes of coccygectomy for coccydynia: a single institution series with mean 5-year follow-up. Global Spine Congress 2021, Paris, France, May 5-8, 2021.

Vega, M., Boix Braga, M., Supnet, C., Holland, A., Higashi, R., & **Juengst, S.** (2021, July). *Multidimensional Health Belief Questionnaire: Development and English/ Spanish Language Validation.* Poster presentation at the 6th Biennial American Psychological Association Division 45 Research Conference.

Vega, M., Cheng, H., Silva, V., Maestre, G., Supnet, C., & **Juengst, S. B.** (2021, May). *Language and Cultural Adaptation of Problem-Solving Training in Caregivers of Hispanic/Latinx Individuals with Alzheimer's and Related Dementia.* Poster presentation at the 2nd Alzheimer's Association Latinos and Alzheimer's Symposium.

Karie Meltzer, PhD student in the UTSW Clinical Psychology PhD program. *Differences in coping strategies between women and men based on experience of frequent*

pain/headaches in chronic traumatic brain injury, 2021 Brain Injury ISIG Deborah Lee Price Girls and Women with ABI Taskforce Poster Award winner.

Lauren Terhorst, Emily Grattan, **Brittany Wright, Shannon Juengst.** *Rasch Analysis of the Behavioral Assessment Screening Tool.* Measurement Interdisciplinary Special Interest Group Advancing the Science of Measurement Poster Award.

AAP 2021 PRESENTATIONS

Pham T, Butler A, Vu K and **Annaswamy TM.** Utility of Misoprostol in Lumbar Spinal Stenosis: Retrospective Review and Cross-Sectional Study. Poster Presentation. Abstracts of Scientific Papers and Posters Presented at *Physiatry '21*, American Journal of Physical Medicine & Rehabilitation: April 2021 - Volume 100 - Issue 4 - p a203.

Butler A, Pham T, Weideman R and **Annaswamy TM.** Phosphodiesterase 5 Inhibitor Therapy and Risk of Decompression Surgery for Patients with Lumbar Spinal Stenosis. Scientific Paper Presentations. Abstracts of Scientific Papers and Posters Presented at *Physiatry '21*, American Journal of Physical Medicine & Rehabilitation: April 2021 - Volume 100 - Issue 4 - p a5.

AAPM&R 2021 UPCOMING PRESENTATIONS

Annaswamy, T. Value of Additional Imaging Evaluation for Your Spine Patient: Going Beyond Diagnosis? Clinical Symposium. Session Director and Speaker. 11/12/2021

Pham, T, **Annaswamy, T,** Bahirat, K, Raval, G, Chen, Y and Balakrishnan, P. Clinical Feasibility and Preliminary Outcomes of a Novel Mixed Reality Based System to Manage Phantom Pain for Patients with Lower Limb Amputation: A Pilot Study

Olivier, T., **Annaswamy, T,** Nelson, B; Pham, T; Trivedi, K; Ankit, P; G. Sharma, S and Konda, C. Quality of Clinical Practice Guidelines on the Interventional Treatment of Low Back Pain: A Systematic Review

Barshikar, S. AAPMR National Grand Rounds- Long COVID 6/9/21

Barkishar, S. South Asian Physiatry - COVID Across the Continents: A Panel Discussion (AAPMR Pre-assembly Community session). October 11, 2021.

Barkishar, S. and Gutierrez, M. Foundation of PMR's Proof of Pudding debate at the AAPMR - "Long COVID – A new syndrome or the same syndrome with a new virus? AAPMR 2021 virtual platform. Nov 12, 2021

Pacheco M, **Bell KR,** Goetz L. Central Nervous System - Adult Rehabilitation Care of Persons Aging with Acquired CNS Disorders and Neurodevelopmental Disabilities (Part 1). AAPMR Pre-assembly Community session. October 12, 2021.

Solankee, J and **Gul, F.** *Examining the Utilization of Oral Opioids and Benzodiazepines after Implantation of Intrathecal Pain Pumps*

Jain, N. Faculty, Best Evidence-Based Clinical Practices in Shoulder Pain, American Academy of Physical Medicine and Rehabilitation (AAPM&R) Annual Assembly, Nashville, TN

Kumar, R and **Scott, K.** Musculoskeletal Pain of Pregnancy: Epidemiology, Biomechanics, Diagnosis, and Treatment.

OTHER ACTIVITIES

Barker, K. Course Director for the TMA TexMed 2021 PM&R content on 5/15/21. Attached is the agenda which included Dr. Gul, Patricia Gordon, Patricia Krohn, Dr. Barshikar, Dr. Ayyad, and Dr. Sharma.

Ifejika NL. Chair, Health Policy & Legislation Committee Virtual Congressional Hill Day. American Academy of Physical Medicine and Rehabilitation, Washington, DC, June 17, 2021.

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