UTSW Orthopaedic Times

UTSouthwestern

Medical Center

Department of Orthopaedic Surgery

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Message from the Chair

Dear Colleagues,

I am pleased to present our fifth issue of *UTSW Orthopaedic Times*.

We have had several major events in our department. In March, we celebrated the new class of residents who matched with our program on Match Day 2024. This month, we hosted the UT Southwestern Hansjörg Wyss Orthopaedic Trauma Symposium 2024.

Also, I would like to acknowledge a great milestone for our department. We are celebrating 100 years of our Residency Program this year. It is a huge accomplishment for our education program, and we are going to be celebrating it this week with residents and alumni during our Resident Graduation Week!

There is a lot of news to cover, so we hope you enjoy the issue!

Dane Wukich, M.D. Department Chair



Major Awards

APP Fellowship Awards: Congrats to Amanda and Dr. Samade!

As part of the APP Fellowship Graduation in March, awards were given out to UT Southwestern Orthopaedic Surgery faculty and APPs who made an impact on the program that year.

Lead APP Amanda Ben Simon, M.M.S., PA-C

was awarded APP Preceptor of the Year. This is the second year in a row that Amanda has received the award. Also, Assistant Professor, Richard Samade, M.D., Ph.D. was awarded Attending of the Year.

Congratulations to both Dr. Samade and Amanda!





Dr. Johnston receives POSNA Distinguished Achievement Award at EPOSNA 2024

UT Southwestern Orthopaedic Surgery Adjunct Professor **Charles Johnston, M.D.**, received the POSNA Distinguished Achievement Award in May at the EPOSNA 2024 annual meeting.

Dr. Johnston is currently an adjunct professor in our department and continues to volunteer at Scottish Rite for Children. Congrats, Dr. Johnston, and thank you for your contribution and leadership!

More kudos

We would also like to recognize the following faculty for their awards and achievements:

Jaysson Brooks, M.D. - Candidate Fellow, Scoliosis Research Society Edgar Dawson Traveling Fellowship

Corey Gill, M.D. - Teaching Faculty Member, the Pediatric Orthopaedic Global Outreach (POGO) Orthopaedic Training Course

Dang-Huy Do, M.D. (PGY 3 resident) - First place in TOA 2024 Leadership Conference Resident Research Presentations

Brandon Ramo, M.D. - Fellow, the POSNA International Traveling Fellowship

Richard Samade, M.D., Ph.D., and Robert Weinschenk, M.D. - Secondary appointment with the Department of Biomedical Engineering at UT Southwestern

Faculty News

Event Highlights: UT Southwestern Hansjörg Wyss Orthopaedic Trauma Symposium 2024

This month, the Department of Orthopaedic Surgery hosted the third biennial UT Southwestern Hansjörg Wyss Orthopaedic Trauma Symposium at the Statler Hotel in downtown Dallas.

During the two-day event, guest faculty speakers from around the world presented orthopaedic trauma case studies that fostered questions and discussion in each session. Event attendees also got the chance to visit sponsors and their booths.

We thank our guest speakers, sponsors, and event attendees for participating in this year's symposium and hope you had a great time at this informative event.

We are looking forward to the next one in 2026! For more information on this event, **click here**.









Introducing New Osseointegration Limb Replacement and Prosthetic Limbs Program spearheaded by Dr. Callan

A new program at UT Southwestern for osseointegration and prosthetic limbs has come into fruition early this year thanks to Assistant Professor and Section Chief of Orthopaedic Oncology Alexandra Callan, M.D.

Dr. Callan has been working with faculty who specialize in prosthetics and orthotics, as well as Physical Medicine and Rehabilitation and other UTSW departments, to get this program off the ground and available to the community.

Osseointegration limb replacement is a reconstruction surgery that may benefit people who have not tolerated or do not want to use a traditional prosthetic socket.



<u>Click here</u> to learn more about the newly minted program.





Drs. Samade and Weinschenk present their poster at the inaugural UT System Al Symposium

At the end of last month, UT Southwestern Orthopaedic Surgery Assistant Professors Richard Samade, M.D., Ph.D., and Robert Weinschenk, M.D., presented a poster on "NLP Al and Bilingual Summaries for Orthopaedic Surgery."

The event, a first for the system, bridges the gap between cutting-edge methodology and current applications. The symposium brought together researchers, clinicians, educators, and students to create a collaborative space on this topic.

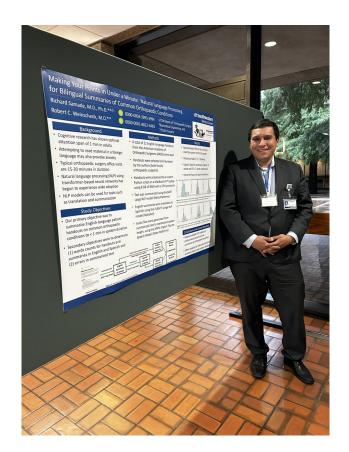
What a great opportunity for UT Southwestern Orthopaedic Surgery!

TOA 2024 Annual Meeting Recap: Conclusion of Dr. Ellis' tenure as TOA President

ut Southwestern Orthopaedic Surgery and Scottish Rite faculty were present at the TOA 2024 Leadership Conference this spring in Frisco. Residents and department alumni were also in attendance and participated in conference events.

During the annual meeting, Henry Ellis, M.D., closed out his tenure as President of the Texas Orthopaedic Association. Dr. Ellis reflected on his time in this influential role and on his work to represent Texas orthopaedic surgeons and ensure outstanding musculoskeletal care for Texas patients.

Congratulations to Dr. Ellis on a great term as TOA president! We appreciate your continued advocacy and education efforts.





Brandon Carrell Visiting Professorship

June 20-22, 2024 Scottish Rite for Children Dallas, Texas

Brandon Carrell Visiting Professorship 2024

Join us and Scottish Rite for Children for the upcoming 46th Annual Brandon Carrell Visiting Professorship, hosted by Scottish Rite for Children on Thursday, June 20, through Saturday, June 22.

This scientific session will feature Visiting Professor, Jon Schoenecker, M.D., Ph.D., who will share his expertise on the biology linking trauma and infection, a biologic and biomechanical approach to hip dysplasia, and how to make developing cartilage "do what it's supposed to do." Dr. Schoenecker will also share helpful tips on enhancing your practice and thoughtful approaches to treating routine and complex conditions.

Click here to register today!

2nd Annual Sarcoma Strong 5K Run and Walk Dallas

Join us for the 2nd Annual Sarcoma Strong 5K Run and Walk on September 7, 2024, at White Rock Lake in Dallas. The run will start at 8 a.m.

Come out and help raise awareness of sarcoma and support sarcoma research. Proceeds from the event will go to the **Sarcoma Strong Organization.**

<u>Click here</u> to register for the event. If you have any questions, please contact <u>Alexandra Callan</u>, <u>M.D.</u>, or <u>Stephanie Stockton</u>.



UTSW Orthopaedic Surgery News

Press and Publications



Robotic total knee replacement improves outcomes but costs more

Total knee replacements performed with the help of a surgical robot have better outcomes on average than similar surgeries performed manually but can cost significantly more, a new study by UT Southwestern Medical Center researchers shows. Study leader **Senthil Sambandam, M.D.**, Assistant Professor at UTSW Orthopaedic Surgery and a Dallas VA faculty member, talks about the study's findings.

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Study says e-scooters are dangerous, costly to taxpayers

(Spectrum News 1 Texas) E-scooters remain a popular way for individuals to navigate a big city, but a recent study from UT Southwestern Orthopaedic Surgery shows how costly they could be with safety concerns and injuries. **Drew Sanders, M.D.** (orthopaedic trauma) sat down to discuss the study and its findings.



About 25 Percent of Older Adults in the United States Will Fall Within the Next Year

(Silver Century Foundation) Every second of every day in the United States, according to the CDC, an older adult suffers a fall. Over the course of a year, about 1 in 4 of all older adults will fall. When they fall, older adults are more likely to be injured, according to **Megan Sorich, D.O.**, a surgeon who specializes in orthopedic geriatric trauma at UT Southwestern Medical Center in Dallas ...

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Oral contraceptive use may reduce muscle-tendon injuries

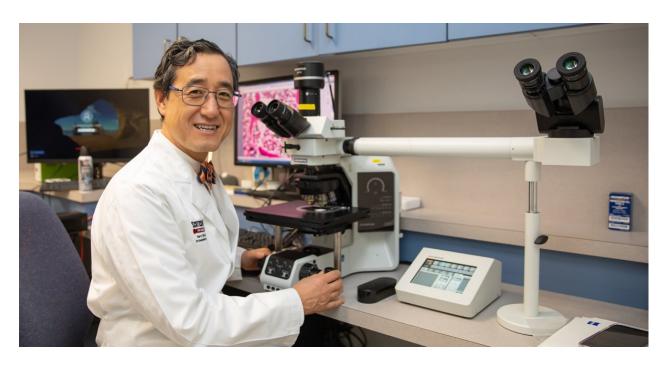
Women who take oral contraceptives may be significantly less likely to experience certain musculoskeletal injuries than women who do not take the drugs or men, according to a study by UT Southwestern Medical Center researchers. PGY 1 resident **Yida Liu, M.D.**, was a collaborating author of this study.

Research

The Department of Orthopaedic Surgery faculty continuously work on research that impacts the field of orthopaedics. Some of their efforts and studies recently recognized in various publications follow:

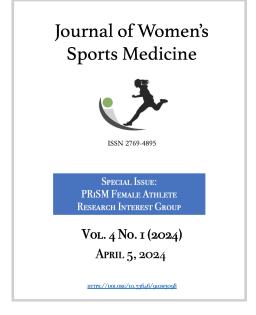
Top Research:

Frontiers in Pediatrics: Global trends in the research on Legg-Calve-Perthes disease in Web of Science



Research on Legg-Calve-Perthes disease (LCPD) has shown significant fluctuations but there has been a gradual increase in the number of articles published over the last two decades. The United States leads in the number of publications addressing LCPD, with Harry Kim, M.D., M.S., and Scottish Rite for Children being the most productive institution.

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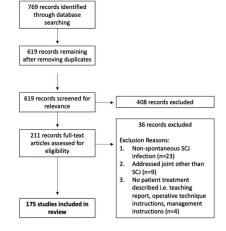
Biomechanical Comparison of Pediatric Female Ballet Dancers With and Without Pain

Across all genres of dance, studies have reported musculoskeletal injury in 20%-84% of dancers, with 95% reporting a history of musculoskeletal pain. Compared with dancers in other genres, ballet dancers specifically are most affected by musculoskeletal injuries. The purpose of this study is to compare movement patterns and muscle activity in pediatric female preprofessional dancers ...

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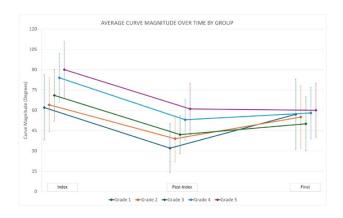
Comparison of genomic DNA sequencing to anerobic cultures to detect efficacy of hydrogen peroxide at reducing cutibacterium acnes bacterial burden during



Clinical and radiological septic joint analysis of spontaneous sternoclavicular joint infections: achieving the best outcomes - a systems engineering approach

Spontaneous sternoclavicular joint infection (SSCJI) is a rare and poorly understood disease process. This study aims to identify factors guiding effective management strategies for SSCJI by using data mining. An Institutional Review Board-approved retrospective review of patients from two large hospitals (2010 – 2022) was conducted. SSCJI is defined as a joint infection without direct trauma or radiation, direct instrumentation or contiguous spread ...

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How do implants overlying the spine influence "The Law of Diminishing Returns" in earlyonset scoliosis patients? - Spine Deformity

primary shoulder arthroplasty

The purpose of this investigation is to compare *Cutibacterium acnes* diagnosis using culturing versus genomic DNA sequencing (NextGen) at various timepoints and locations during primary total shoulder arthroplasty. Additionally, we intend to compare the effects of hydrogen peroxide on standard culture technique results with genomic DNA sequencing ...

Read More The "law of diminishing returns" (LODR) in early-onset scoliosis (EOS) is well-known. We hypothesized that previously observed variations between constructs may be related to the lateral distance that each construct lies from the spine. We therefore sought to determine whether the curve magnitude improvement and spinal length gains for distraction-based constructs in EOS are positively correlated with the collinearity of the spine and the convex-sided implant on posteroanterior radiographs ...

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Other UTSW Orthopaedic Surgery News:

Match Day 2024: Meet our New Residents in the Class of 2029

In March, we celebrated **Match Day 2024**! It is a time when fourth-year medical students find out where they are matched for their residency program.

The Department of Orthopaedic Surgery announced the **six new residents** who have matched with us (see picture below). We look forward to welcoming our new class during orientation this summer. We can't wait to support them as they embark on their new journey towards becoming outstanding orthopaedic surgeons. Welcome to the team!



Celebrating the 100th year of UTSW Orthopaedic Surgery Residency!

This year marks the 100th year of the UT

Southwestern Department of Orthopaedic Surgery's Residency Program. The program has made a major impact on orthopaedic surgery in North Texas and beyond since 1924 and before the establishment of UT Southwestern as we know it today.

Faculty, residents, and Orthopaedic Surgery alumni will be celebrating the 100th Anniversary of the Residency Program at a special cocktail reception on Thursday, June 13.

Check out the next issue of the UT Southwestern Orthopaedic Times and our social media channels as we continue to celebrate this milestone.





New Fellow selected for the Scottish Rite for Children and UT Southwestern Fellowship in Orthopedic Sports Medicine

Scottish Rite for Children announced

Michael Kutschke, M.D. as the new holder
of the Fellowship in Orthopedic Sports

Medicine. Sponsored by Scottish Rite for
Children and UT Southwestern, it is the first

ACGME-accredited sports medicine
fellowship in North Texas and focuses on
pediatric sports medicine.

"With the sports medicine expertise at Scottish Rite, UTSW, and the Dallas areas, this sports medicine fellowship will be one of the most sought-after training opportunities to those interested in advancing their skill in arthroscopy and sports medicine, and also allow for them to get one of the best pediatric sports medicine training opportunities in the county" says **Henry Ellis, M.D.** director of the fellowship program.

We are excited about this new program.

Click here to learn more about the sports medicine fellowship.

Clinic Locations

Dallas Clinics

Outpatient Building 1801 Inwood Road Dallas, TX 75390

William P. Clements Jr. University

DFW Clinics

UT Southwestern Richardson/Plano 3030 Waterview Parkway, First Floor Richardson, TX 75080

UT Southwestern Frisco

Hospital

6201 Harry Hines Blvd. Dallas, TX 75390

Zale Lipshy Pavilion

5151 Harry Hines Blvd. Dallas, TX 75390

Spine Center at Aston Ambulatory Care Center

5303 Harry Hines Blvd. 7th Floor, Suite 800 Dallas, TX 75390

12500 Dallas Parkway Frisco, TX 75033

UT Southwestern Las Colinas

6121 N. Highway 161 Irving, TX 75038

Affiliate Hospitals in Dallas

Parkland Memorial Hospital

5200 Harry Hines Blvd. Dallas, TX 75235

Dallas VA Medical Center

4500 S. Lancaster Road Dallas, TX 75216

Scottish Rite for Children

2222 Welborn Street Dallas, TX 75219

Children's Medical Center Dallas

1935 Medical District Drive Dallas, TX 75235

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