

# CELEBRATING 51 YEARS OF TANS

*Guiding Texas Neurosurgeons  
Into the Next 50 Years*

TANS's 2024 Annual  
Conference

February 2-4, 2024  
Omni Corpus Christi



## Schedule Overview

### Friday, February 2

- 7:30 a.m. – 7:50 a.m. **Breakfast**
- 7:50 a.m. – 4:15 p.m. **General Session**
- 8:00 a.m. – 5:00 p.m. **APP Course**
- 4:15 p.m. – 5:15 p.m. **Reception With The Honorable Greg Bonnen, MD**
- 6:00 p.m. – 7:00 p.m. **USS Lexington Tour**
- 7:00 p.m. – 9:00 p.m. **Dinner on the USS Lexington**

### Saturday, February 3

- 7:30 a.m. – 7:50 a.m. **Breakfast**
- 7:50 a.m. – 4:15 p.m. **General Session**
- 4:15 p.m. – 5:15 p.m. **Wine Tasting in the Exhibit Hall**

### Sunday, February 4

- 7:40 a.m. – 8:10 a.m. **Breakfast**
- 8:10 a.m. – 11:50 a.m. **General Session**



# TANS: The Next 50 Years

## Vision

Advancing Neurosurgery Care for Texans

## Mission

The purpose of the Texas Association of Neurological Surgeons is to:

- Promote and advance neurological surgery within the state of Texas.
- Promote the advancement of and the pursuit of excellence in neurological surgery and related sciences through continuing education.
- Uphold the principles, policies and practices for the attainment of the best in neurosurgical patient care.
- To provide a communication interface with other groups and represent neurosurgical opinion to preserve and achieve the principles and purposes of the Association.

## Executive Committee

**Peter T. Kan, MD**  
President, 2023-24

**Toral R. Patel, MD**  
President-Elect, 2023-24

**Rishi R. Lall, MD**  
Vice President

**J. Stuart Crutchfield, MD**  
Secretary

**Michael A. Leonard, MD**  
Treasurer



## TANS in 2024:

### Advancing Neurosurgery for TANS Members & Patients

#### CallNeuroSurgery

TANS is now connecting Texas neurosurgeons to hospitals for locum tenens opportunities. Visit TANS's website to learn more.

You can help jump start CallNeuroSurgery by encouraging your hospitals to post listings on TANS's website.



Locum Tenens Projects

#### The Neurosurgery Brand in Texas

Patients, lawmakers and other segments of the health care industry turn to TANS for its expertise related to neurosurgery.

Over the next few months, watch for TANS's educational pieces for these audiences. In addition, TANS will unveil a new directory of Texas neurosurgeons that patients can utilize.

#### Building TANS's Presence in the Public Policy Arena

Laws and regulations affect every segment of a neurosurgeon's practice. Whether we like it or not, we must engage in the public policy process.

As you noticed in TANS's newsletters, TANS is playing a larger role in the public policy arena by joining other stakeholders on key public policy issues in Austin.

TANS will work with other segments of medicine to create patient advocacy campaigns in the first quarter of 2024 to enhance the state's prior authorization gold card law and other important issues that affect our patients' care.

#### The Hub for Texas Neurosurgeons

TANS is the hub for Texas neurosurgeons. TANS believes that it is critical to educate our members about public policy and business developments that will affect their practices.

TANS members receive exclusive e-mail updates about public policy and business developments that often cannot be found elsewhere.

If you aren't receiving TANS's e-mail updates, email [Bobby@txneurosurgeons.org](mailto:Bobby@txneurosurgeons.org).

# TANS's 2024 Annual Conference

## President's Welcome

Dear Colleague:

Welcome to the TANS annual meeting. As always, the next few days will give us an opportunity to reconnect with old friends and meet new ones over a great scientific program and social events.

TANS is now celebrating its 51st year, and it's clear that the next 50 years of the health care industry will be radically different for neurological surgeons. Medicine has featured dramatic changes over the past few years in the form of consolidation, payment cuts, ever-changing commercial health insurance policies and numerous other developments. TANS's board of directors determined last year that it is critical to be prepared to help navigate our members through this radical evolution.



### **Critical Information to Guide Your Practice**

Laws and regulations at the state and federal levels touch every aspect of our clinics, hospitals and ASCs. As you have noticed over the past few months, TANS's e-mail updates are placing an emphasis on delivering unique information about public policy developments that will affect our practices.

### **Telling the Story About Texas Neurological Surgeons**

Thanks to your membership, TANS will embark on a campaign to educate the general public, policymakers and other segments of the health care industry about the work that neurological surgeons do. If we do not tell the story about neurological surgeons, other segments of the health care industry will define neurological surgery on their own terms.

### **TANS's CallNeurosurgery**

For the first time, TANS is connecting Texas neurological surgeons with hospitals for locum tenens opportunities. Visit TANS's website and e-mail updates.

### **The Hub for Texas Neurological Surgeons**

The "all-new" TANS has been designed for every type of neurological surgeon, whether you are in private practice, an academic setting or in a hospital employment model. We want TANS to become the hub for Texas neurological surgeons. As the nation's second largest state contingent of neurological surgeons, our goal is to ensure that TANS is the strongest state society in the nation!

A handwritten signature in blue ink, appearing to read "Peter T. Kan". The signature is fluid and cursive, written over a light blue horizontal line.

**Peter T. Kan, MD**  
*TANS President*

# TANS's 2024 Annual Conference

## Vice President's Welcome

Dear Colleagues:

I would like to welcome you all to the TANS 2024 Annual Conference! We are excited to host this year's meeting in historic Corpus Christi, with a re-designed agenda focused on the future of Texas neurosurgery.

This year's meeting will focus on key issues that affect neurosurgeons in Texas and how we envision these will evolve over the years to come. The agenda will emphasize clinical challenges, practice trends and business/policy issues that are vital to our members. Based on feedback from previous years, we are emphasizing group and panel discussions in order to have the most voices involved. We also will hear from diverse Texas perspectives, including a variety of private and academic neurosurgeons from both large and small communities.

This year, we are honored to have four renowned guest speakers who each represent a unique subspecialty in neurosurgery. We are also excited for our local Texas speakers to discuss innovations and advancements in our state, including robotics, minimal access approaches to brain and spine surgery and cutting-edge trials. Additionally, we are pleased to make this a memorable weekend for our members and their families with a variety of social events, including dinner on-board the USS Lexington, a wine tasting event and a reception with Rep. Greg Bonnen, MD, the chair of the Texas House Committee on Appropriations.

Finally, we would like to thank all our sponsors, invited speakers and our new executive director, Bobby Hillert, who are working together to make this a special year for TANS and all our members.



Sincerely,

**Rishi R. Lall, MD**  
TANS Vice President & Program Chair



# Friday, February 2, 2024 | General Session

## Corpus Christi Ballroom

Time	Event	Speaker
7:30 a.m. – 7:50 a.m.	Breakfast	Exhibit Hall
7:50 a.m. – 8:00 a.m.	Opening Remarks	Peter T. Kan, MD
8:00 a.m. – 8:40 a.m.	Spine Trends in Texas	Rishi R. Lall, MD (Moderator)   P. Langham Gleason, MD, & Salah G. Aoun, MD
8:40 a.m. – 9:10 a.m.	Update on Traumatic Brain Injury for the General Neurosurgeon	Alex B. Valadka, MD, & John R. Williams, MD
9:10 a.m. – 9:50 a.m.	Spine: Panel Discussion on Robotics – When Do You Use It, and What Is the Approach?	Michael A. Leonard, MD (Moderator)   Wesley H. Jones, MD, Rishi R. Lall, MD, & Nathan L. Pratt, MD
9:50 a.m. – 10:20 a.m.	Exhibitor Break	
10:20 a.m. – 10:50 a.m.	Functional/Epilepsy Lecture: Demystifying the Surgical Epilepsy Workup   Brain-Computer Interfaces for Severe Motor Deficits	Patrick J. Karas, MD, & Matthew S. Willsey, MD
10:50 a.m. – 11:20 a.m.	Immunotherapy for the Treatment of Glioblastoma	Linda M. Liau, MD
11:20 a.m. – 11:30 a.m.	Q&A	Linda M. Liau, MD
11:30 a.m. – 11:50 a.m.	Vascular Lecture: ICH Update & MIS ICH Evacuation	Justin R. Mascitelli, MD
12:10 p.m. – 1:10 p.m.	Lunch & Public Policy: Actions in Austin & Washington Affect Every Aspect of Your Practice (CME Ethics Hour)	Stacie Monroe (TANS) & Bobby Hillert (TANS)
1:20 p.m. – 1:50 p.m.	Imagine, Innovate, Inspire: The Ongoing Neurovascular Journey	Elad I. Levy, MD
1:50 p.m. – 2:00 p.m.	Q&A	Elad I. Levy, MD
2:00 p.m. – 3:00 p.m.	Hassenbusch Lecture: Decoding Speech Cortex	Edward F. Chang, MD
3:00 p.m. – 3:30 p.m.	Exhibitor Break	
3:30 p.m. – 4:00 p.m.	Recent Advances in Surgical Management of Metastatic Spine Tumors	Ziya L. Gokaslan, MD
4:00 p.m. – 4:10 p.m.	Q&A	Ziya L. Gokaslan, MD
4:10 p.m. – 4:15 p.m.	Closing Remarks   Remarks by Rep. Greg Bonnen, MD	Peter T. Kan, MD   The Honorable Greg Bonnen, MD
4:15 p.m. – 5:15 p.m.	Reception With The Honorable Greg Bonnen, MD	Exhibit Hall
6:00 p.m. – 9:00 p.m.	Dinner on the USS Lexington	Separate Ticket Required 6:00 p.m. – 7:00 p.m.   USS Lexington Tour 7:00 p.m. – 9:00 p.m.   Dinner & Drinks  See Page 9 for Transportation & Details

# Saturday, February 3, 2024 | General Session

Corpus Christi Ballroom

Time	Event	Speaker
7:30 a.m. – 7:50 a.m.	Breakfast	Exhibit Hall
7:50 a.m. – 8:00 a.m.	Opening Remarks	Rishi R. Lall, MD
8:00 a.m. – 8:40 a.m.	Spine Panel Discussion: Spine Surgery in the Aging Population (Case Based)	Kristopher A. Lyon, MD (Moderator)   Yevgeniy Freyvert, MD, Alexander E. Ropper, MD, & Michael J. McGinity, MD
8:40 a.m. – 9:10 a.m.	Developing a New Standard for Cerebrovascular Training: The Quadruple Threat	Elad I. Levy, MD
9:10 a.m. – 9:20 a.m.	Q&A	Elad I. Levy, MD
9:20 a.m. – 9:40 a.m.	Laser Interstitial Thermal Therapy for Brain Tumors	Sujit S. Prabhu, MD
9:40 a.m. – 10:10 a.m.	Exhibitor Break	
10:10 a.m. – 10:40 a.m.	Brain Tumor Care in the Era of Targeted Therapies & Novel Imaging Techniques	Linda M. Liau, MD
10:40 a.m. – 10:50 a.m.	Q&A	Linda M. Liau, MD
10:50 a.m. – 11:00 a.m.	Resident Presentation: Local Field Potentials in Awake, Robotic Deep Brain Stimulation	Sibi Rajendran, MD
11:00 a.m. – 11:20 a.m.	Future of Neurological Surgery in Texas: What Changes Do We Expect in the Next 10 Years?	Gavin W. Britz, MD
11:20 a.m. – 11:30 a.m.	Resident Presentation: Metabolomic Profiling of Human Brain Tumors ... I Guess We Will Learn What That Is !!??	Jeffrey I. Traylor, MD
11:30 a.m. – 12:20 p.m.	TANS Business Lunch	Bayview Room (First Floor)
12:20 p.m. – 12:50 p.m.	Use of Enabling Technologies in the Management of Primary Spinal Column Tumors	Ziya L. Gokaslan, MD
12:50 p.m. – 1:00 p.m.	Q&A	Ziya L. Gokaslan, MD
1:00 p.m. – 1:10 p.m.	Resident Presentation: Transcarotid Artery Revascularization in Neurosurgery	Laura K. Reed, MD
1:10 p.m. – 1:20 p.m.	Resident Presentation: Machine Learning Brain Tumor Diagnostics Using In Vivo Optical Data: A Comparison With Conventional Fluorescence Guided Surgery	Preston D'Souza, MD
1:20 p.m. – 1:50 p.m.	Exhibitor Break	
1:50 p.m. – 2:00 p.m.	Resident Presentation: Opportunities for Improving Care of Patients with Spinal Cord Injury	Duncan J. Trimble, MD
2:00 p.m. – 2:40 p.m.	Tumor Lecture/Panel: Brain Metastases – Updates on Neurosurgical Management	Akash J. Patel, MD (Moderator)   John R. Floyd, MD, & Matthew Z. Sun, MD

# Saturday, February 3, 2024 | Continued

Corpus Christi Ballroom

Time	Event	Speaker
2:40 p.m. – 2:50 p.m.	Resident Presentation: Development of the Circle of Willis Score (COWS) to Help Guide Decision Making During Acute Tandem Occlusion Treatment	<i>W. Chase Johnson, MD</i>
2:50 p.m. – 3:00 p.m.	Resident Presentation: Optimizing Cell-Type Specificity of AAV Gene Therapy Vectors for the Human Brain	<i>JP McGinnis, MD</i>
3:00 p.m. – 3:40 p.m.	Use of Biologics in Spine Surgery: When and Why Do You Use? On and off Label?	<i>Nathan L. Pratt, MD (Moderator)   Alexander E. Ropper, MD, &amp; Yevgeniy Freyvert, MD</i>
3:40 p.m. – 4:00 p.m.	CNS: What It Means for Texas Neurosurgeons	<i>Nader Pouratian, MD</i>
4:00 p.m. – 4:15 p.m.	Closing Remarks & Resident Presentation Award	<i>Peter T. Kan, MD</i>
4:15 p.m. – 5:15 p.m.	Wine Tasting	<i>All Attendees &amp; Guests Invited   Exhibit Hall</i>

# Sunday, February 4, 2024 | General Session

Corpus Christi Ballroom

Time	Event	Speaker
7:40 a.m. – 8:10 a.m.	Breakfast	
8:10 a.m. – 8:20 a.m.	Opening Remarks	<i>Rishi R. Lall, MD</i>
8:20 a.m. – 8:50 a.m.	Concussion & Return to Play Protocol	<i>Tiffany R. Chang, MD, &amp; Alex B. Valadka, MD</i>
8:50 a.m. – 9:30 a.m.	Innovation in Texas Neurosurgery: Cutting Edge Trials & Research	<i>Nader Pouratian, MD, &amp; Pablo Valdes, MD, PhD</i>
9:30 a.m. – 9:50 a.m.	Vascular Lecture: Thrombectomy Update & Indication Expansion	<i>Ramsey R. Ashour, MD</i>
9:50 a.m. – 10:10 a.m.	Break	
10:10 a.m. – 10:50 a.m.	Spine Panel: Cervical Arthroplasty Use – Off Label or Nontraditional Cases	<i>Salah Aoun, MD (Moderator)   P. Langham Gleason, MD, Rishi R. Lall, MD, &amp; John K. Stokes, MD</i>
10:50 a.m. – 11:30 a.m.	Tumor Lecture: Update on Glioma Surgery & Extent of Resection	<i>Pablo Valdes, MD, PhD (Moderator)   Toral R. Patel, MD, &amp; John R. Floyd, MD</i>
11:30 a.m. – 11:40 a.m.	Closing Remarks   President-Elect Announcement	<i>Peter T. Kan, MD</i>
11:40 a.m. – 11:50 a.m.	President-Elect Comments	<i>Toral R. Patel, MD</i>

# Friday, February 2, 2024 | APP Lecture Agenda

Bayview Room (First Floor)

Time	Event	Speaker
7:30 a.m. – 8:00 a.m.	Breakfast	<i>Exhibit Hall</i>
8:00 a.m. – 8:15 a.m.	Welcome	
8:15 a.m. – 9:00 a.m.	APP Role in Neurosurgery Practice: Now & Future	<i>Wesley H. Jones, MD, &amp; Michael Levy, ACNP-BC</i>
9:00 a.m. – 9:45 a.m.	Gliomas	<i>Toral R. Patel, MD</i>
9:45 a.m. – 10:45 a.m.	Spine	<i>Lisa Wilkins, AGNP-C</i>
10:45 a.m. – 11:30 a.m.	Neuro Trauma	<i>Alex B. Valadka, MD</i>
12:00 p.m. – 1:00 p.m.	Lunch & Public Policy: Actions in Austin & Washington Affect Every Aspect of Your Practice (CME Ethics Hour)	<i>Stacie Monroe (TANS) &amp; Bobby Hillert (TANS)</i>
1:15 p.m. – 2:00 p.m.	Vascular Lecture	<i>Paul J. Schmitt, MD</i>
2:00 p.m. – 3:00 p.m.	Neuro Imaging	<i>Anita P. Bhansali, MD</i>
3:00 p.m. – 3:45 p.m.	Pharmacy Lecture: Anticoagulation Reversal in ICH	<i>Josephine Tenii, PharmD</i>
3:45 p.m. – 4:45 p.m.	Panel Discussion	<i>Michael Levy, APN, Vanessa Bounds, APN, Lisa Wilkins, APN, &amp; Victoria Herrera, APN</i>
4:45 p.m. – 5:00 p.m.	Future APP Role in TANS: Plan for the Future	
6:00 p.m. – 9:00 p.m.	Dinner on the USS Lexington	<i>Separate Ticket Required</i> <i>6:00 p.m. – 7:00 p.m.   USS Lexington Tour</i> <i>7:00 p.m. – 9:00 p.m.   Dinner &amp; Drinks</i>

*See Page 9 for Transportation & Details*

## APP Program Committee

### Co-Chairs:

Michael Levy, NP & Wesley Jones, MD

### Committee:

Lisa Wilkins, NP  
 Vanessa Bounds, NP  
 Kacie Johnson, NP  
 Christie Caldwell, PA-C  
 Nicole Gutierrez, NP  
 Victoria Herrera, NP  
 Laura Winslett, NP  
 Nicole Pasao-Pham, NP  
 Anna Brown, NP



# Networking Events & Conference Information



## Dinner on the USS Lexington

6:00 p.m. – 7:00 p.m. | USS Lexington Tour

7:00 p.m. – 9:00 p.m. | Dinner & Drinks

Attendees, sponsors and guests are invited to Friday night's dinner on the USS Lexington. Separate tickets are required for all Friday night attendees.

Buses will run to and from the event every 30 minutes. The first bus will leave the Omni Corpus Christi lobby at 5:45 p.m. Parking is available. Uber and Lyft will also be available.

*Thanks to Medtronic for Sponsoring Friday's Dinner*

## Friday, February 2, 2024

### Friday's Lunch

**Lunch & Public Policy: Actions in Austin & Washington Affect Every Aspect of Your Practice**

Friday, February 2 | 12:10 p.m. – 1:10 p.m.  
Bayview Room (First Floor)

Buffet Served: 11:50 a.m. – 12:10 p.m.

### Reception With The Honorable Greg Bonnen, MD

Friday, February 2 | 4:15 p.m. – 5:15 p.m.

All attendees and sponsors are invited to attend TANS's reception with Rep. Greg Bonnen, MD – a Texas neurosurgeon and the chair of the Texas House Committee on Appropriations – for a reception to end Friday's events.

Location: Second Floor Exhibit Space

## Saturday, February 3, 2024

### TANS Business Lunch

Saturday, February 3 | 11:30 a.m. – 12:20 p.m.  
Bayview Room (First Floor)

Buffet: 11:30 a.m. - 11:45 a.m. | Presentation: 11:45 a.m.

### TANS Wine Tasting

Saturday, February 3 | 4:15 p.m. – 5:15 p.m.

Location: Second Floor Exhibit Space

### Breakfast Sponsor

Thanks to **Aesculap** for sponsoring breakfast each day.

### Image Capture

By attending and participating in events and activities held during the TANS 2024 Annual Conference, attendees grant TANS (and its employees and agents) permission to capture, retain, and utilize the attendees' image, likeness, voice, and actions, whether captured live or recorded, in any format or medium. Any such images, voices or likeness captured during the annual conference may be used for display, exhibition, publication, or reproduction in any medium or context for any purpose, including, but not limited to, commercial or promotional purposes, without further notice, authorization, or compensation.

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# Continuing Medical Education

## Meeting Disclosures & CME Information

**Description:** This meeting is designed to identify areas of recent research in neurosurgery relevant to surgeons and advanced practice providers. This information will be transmitted through scientific paper presentations, question and answer sessions, presentations on surgical techniques and current concepts and symposiums.

**Statement of Need:** A need for this educational activity has been determined based on focus groups consisting of neurosurgeons.

**Target Audience:** Neurosurgeons, advanced practice providers and other clinicians with an interest in the neurosurgery arena.

**Educational Method:** Lecture presentations, case studies, and symposiums.

**Accreditation Statement:** This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Texas Medical Association (TMA) through the joint providership of Texas Orthopaedic Association and Texas Association of Neurological Surgeons. The Texas Orthopaedic Association is accredited by TMA to provide continuing medical education for physicians.

The Texas Orthopaedic Association designates this live activity for a maximum of 17.5 AMA PRA Category 1 Credit(s). Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Friday's lunch presentation, Public Policy, has been designated by the Texas Orthopaedic Association for 1.0 credit(s) of education in medical ethics and/or professional responsibility.

Possible CME Per Attendee	
<b>General Session</b>	
Friday:	7.0
Saturday:	7.5
Sunday:	3.0
<b>Total General Session:</b>	<b>17.5</b>
Friday's APP Course:	7.5

**Global Learning Objectives:** Upon completion of this meeting, learners should be able to:

**Mitigation Statement:** All relevant financial relationships were mitigated by the program committee prior to the activity.

The intent of this disclosure is to allow the Texas Orthopaedic Association (TOA) the opportunity to mitigate any relevant financial relationships to assure balance, independence, objectivity and scientific rigor in all of its CME activities. All faculty and planners of TOA-sponsored activities are expected to disclose to TOA all financial relationships with any ineligible company. An indication of the participant's disclosure appears after his or her name as does the commercial company or institution that provided the support. TOA does not view the existence of these disclosed interests or commitments as necessarily implying bias or decreasing the value of the author's participation at the meeting.

**Financial Disclosures:** An indication of the participant's disclosure appears after his or her name as does the ineligible company or institution that provided the support. The Texas Orthopaedic Association (TOA) does not view the existence of these disclosed interests or commitments as necessarily implying bias or decreasing the value of the author's participation at the meeting.

Ineligible company: any entity whose primary business is producing, marketing, selling, re-selling, or distributing healthcare products used by or on patients.

Examples of financial relationships:

- Employee
- Researcher
- Consultant
- Advisor
- Speaker
- Independent Contractor (Including Contracted Research)
- Royalties or Patent Beneficiary
- Executive Role
- Ownership Interest

# Continuing Medical Education

Individual stocks and stock options should be disclosed; diversified mutual funds do not need to be disclosed. Research funding from ineligible companies should be disclosed by the principal or named investigator even if that individual's institution receives the research grant and manages the funds.

Financial relationships would include those within the past 24 months with ineligible companies of the person involved in the activity.

**View the Financial Disclosures:** Visit TANS's website to view all financial disclosures.

**Disclaimer:** The material presented at the Annual Meeting has been made available by TANS for educational purposes only. This material is not intended to represent the only, nor necessarily best, method or procedure appropriate for the medical situations discussed, but rather is intended to present an approach, view, statement, or opinion of the faculty which may be helpful to others who face similar situations.

TANS disclaims any and all liability for injury or other damages resulting to any individual attending a session and for any and all claims which may arise out of the use of the techniques demonstrated therein by such individuals, whether these claims shall be asserted by a physician, an entity or any other person.

**FDA Statement:** Some drugs or medical devices demonstrated at the Annual Meeting have been cleared by the FDA for specific purposes only or have not been cleared by the FDA. The FDA has stated that it is the responsibility of the physician to determine the FDA clearance status of each drug or medical device he or she wishes to use in clinical practice. Texas Orthopaedic Association (TOA) policy provides that "off label" uses of a drug or medical device may be described in TOA's CME activities so long as the "off label" use of the drug or medical device is also specifically disclosed (it must be disclosed that the FDA has not cleared the drug or device for the described purpose). Any drug or medical device is being used "off label" if the described use is not set forth on the product's current label.

**Program Committee:** The program committees for both the Texas Association of Neurological Surgeons and Texas Orthopaedic Association were in charge of planning and approving the event.

## Texas Association of Neurological Surgeons Program Committee

- Rishi R. Lall, MD – TANS Program Chair
- Peter T. Kan, MD – TANS President, 2023-24
- Toral R. Patel, MD – TANS President-Elect, 2023-24

## Texas Orthopaedic Association Program Committee

- Henry Ellis, MD – TOA President, 2023-24
- B. Christian Balldin, MD – TOA President-Elect, 2023-24
- Vinod K. Panchbhavi, MD – TOA Second President-Elect, 2023-24

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# Thanks to TANS's Sponsors

## Thank You to TANS's Circle of Champions:

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