

TEXAS ASSOCIATION OF NEUROLOGICAL SURGEONS



TANS 2018 ANNUAL MEETING

February 8 — 11, 2018

MEETING PROGRAM

MARRIOTT MARQUIS HOTEL
HOUSTON, TX



**16.75 AMA PRA
CATEGORY 1 CREDITS™
2.5 ETHICS HOURS
HONORED SPEAKERS**

- » Mark Bilsky, MD
- » Sanjay Dhall, MD
- » Zoher Ghogawala, MD
- » Karin Muraszko, MD

www.txneurosurgeons.org

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CME CATEGORY 1 AMA PRA CREDIT AND AANS CREDIT!

This activity has been planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Education (ACCME) through the joint providership of the Texas Medical Association and Texas Association of Neurological Surgeons. The Texas Medical Association is accredited by the ACCME to provide continuing medical education for physicians. The Texas Medical Association designates this live activity for a maximum of 16.75 AMA PRA Credits (s)TM. Physicians should only claim the credit commensurate with the extent of their participation in the activity. This course has been designated by Texas Medical Association for 2.5 credits of education in medical ethics and/or professional responsibility.

In addition, the AANS has revised their CME policy and will now accept all accredited CME education, thus will accept the 16.75 credit hours from this meeting toward their Continuing Education Award in Neurosurgery.

ETHICS CREDIT

The lecture "An Introduction to the AANS/CNS Evidence-Based Neurosurgery Practice Guidelines" presented by Mateo Ziu, MD has been designated as .5 hour ethics and/or professional responsibility.

The lecture "All Things Health Human Services (HHS)" presented by David Teuscher, MD has been designated as 1 hour ethics and/or professional responsibility.

The lecture "Value Based Healthcare" presented by Carlos Bagley, MD has been designated as .5 hour ethics and/or professional responsibility.

The lecture "Legislative Update and Election Preview" presented by Troy Alexander has been designated as .5 hour ethics and/or professional responsibility.

OBJECTIVES

Upon completion of this program, participants should be able to apply updated and current knowledge in:

- » Functional neurosurgery
- » Spine and peripheral nerve
- » Trauma
- » Vascular and tumor neurosurgery
- » New techniques and innovations in the above areas
- » CSNS resolutions and governmental regulations and policies that will impact neurosurgical practices and general medicine

SOCIAL EVENTS

FRIDAY, FEBRUARY 9, 5:00-6:30PM IN EXHIBIT HALL

Start the meeting off right with cocktails and appetizers. Then off to dinner to explore Houston with colleagues and/or exhibitors.

SATURDAY, FEBRUARY 10, 5:00-6:00PM IN FOYER

Enjoy a cocktail as you meet up with colleagues and vendors before heading off to dinner.

HONORED GUEST SPEAKERS

» Mark Bilsky, MD
Vice Chairman for Clinical Affairs in Neurosurgery
William E. Snee Chair
Director, Multidisciplinary Spine Tumor Center
Memorial Sloan Kettering Cancer Center
New York City, New York

» Sanjay Dhall, MD
Associate Professor of Neurological Surgery
University of California, San Francisco
Director, Spinal Neurotrauma, San Francisco
General Hospital
San Francisco, California

» Zoher Ghogawala, MD
Professor and Chair of Neurosurgery,
Lahey Hospital and Medical Center,
Tufts University School of Medicine
Burlington, Massachusetts

» Karin Muraszko, MD
Chair and Julian T. Hoff, M.D. Professor,
Neurological Surgery
Professor, Neurological Surgery
Professor, Pediatrics and
Communicable Diseases
Professor, Plastic Surgery
University of Michigan
Ann Arbor, Michigan

HASSENBUSCH LECTURE SPEAKER

» Leo Kapural, MD, PHD
Professor of Anesthesiology,
Wake Forest University
Carolinas Pain Institute and
Center for Clinical Research
Clemson, North Carolina

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SCHEDULE

THURSDAY, FEBRUARY 8, 2018

- 2:30pm – 3:00pm **Nominating Committee**
3:00pm – 5:00pm **Board Meeting**
6:00pm – 9:00pm **Past Presidents' Dinner – Black Tie**

FRIDAY, FEBRUARY 9, 2018

- 7:30am – 8:00am **Breakfast in Exhibit Hall**
- 8:00am – 8:15am **Welcome/Introductions**
Bruce Mickey, MD
2017-2018 TANS President
Vice Chair, Department of Neurological Surgery
William Kemp Clark Chair in Neurological Surgery
Director, Annette Strauss Center for Neuro-Oncology
UT Southwestern Medical Center
- 8:15am – 9:00am **Separation Surgery and Adjuvant Stereotactic Radiosurgery in the Treatment of Spine Metastases: Why Less is More**
HONORED SPEAKER
Mark Bilsky, MD
Vice Chairman for Clinical Affairs in Neurosurgery
William E. Snee Chair
Director, Multidisciplinary Spine Tumor Center
Memorial Sloan Kettering Cancer Center
New York City, New York
- 9:00am – 9:30am **Management of AVMs in the Post-ARUBA Era**
Arthur L. Day, MD
Professor, The Vivian L. Smith Department of Neurosurgery
Director, Residency Program
Director, Clinical Education, Mischer Neuroscience Institute
UT Health Science Center – Houston
Houston, Texas
- 9:30am – 10:00am **Post-operative Stereotactic Radiosurgery Versus Observation for Completely Resected Brain Metastases**
Ganesh Rao, MD
Associate Professor of Neurosurgery,
MD Anderson Cancer Center
Houston, Texas
- 10:00am – 10:30am **Break in Exhibit Hall**

- 10:30am – 11:15am **Update on Chiari 1 Malformations**
HONORED SPEAKER
Karin Muraszko, MD
Chair and Julian T. Hoff, M.D. Professor, Neurological Surgery
Professor, Neurological Surgery
Professor, Pediatrics and Communicable Diseases
Professor, Plastic Surgery
University of Michigan
Ann Arbor, Michigan
- 11:15am – 12:15pm **Clinical Evidence for Spinal Cord Stimulation for Failed Back Surgery Syndrome**
HASSENBUSCH LECTURE
Leo Kapural, MD, PhD
Professor of Anesthesiology,
Wake Forest University
Carolinas Pain Institute and Center for Clinical Research
Clemmons, North Carolina
- 12:15pm – 1:15pm **Luncheon – All Attendees & Vendors – ETHICS**
Legislative Update and Election Preview
Troy Alexander
Associate Director/Lobbyist
Department of Public Affairs
Texas Medical Association
Austin, Texas
- 1:15pm – 1:45pm **An Introduction to the AANS/CNS Evidence-Based Neurosurgery Practice Guidelines – ETHICS**
Mateo Ziu, MD
Specialist in Neurosurgical Oncology,
Neurosurgeon, Assistant Professor, The University of Texas Dell Medical School
Austin, Texas
- 1:45pm – 2:45pm **All Things Health and Human Services (HHS) – ETHICS**
David Teuscher, MD
Past President, AAOS
Regional Director of United States Health Human Services – Region 6
(TX, AR, LA, OK, NM, and 68 Native American Nations)
Previous Partner, Beaumont Bone & Joint Institute
Bastrop County Resident
Beaumont, TX
- 2:45pm – 3:30pm **Transforming Research and Clinical Knowledge in Spinal Cord Injury**
HONORED SPEAKER
Sanjay Dhall, MD
Associate Professor of Neurological Surgery
University of California, San Francisco
Director, Spinal Neurotrauma, San Francisco General Hospital
San Francisco, California

SCHEDULE

3:30pm – 4:00pm	Break in Exhibit Hall	10:45am – 11:30am	Update on Local Delivery Techniques to Treat Malignant Posterior Fossa Tumors in Children David Sandberg, MD Director, Pediatric Neurosurgery Mischer Neuroscience Institute Professor, The Vivian L. Smith Department of Neurosurgery Professor, Department of Pediatric Surgery McGovern Medical School at UT Health Houston, Texas
4:00pm – 5:00pm	PANEL: Controversies in Aneurysm Management Panelists: Arthur L. Day, MD Jonathan White, MD Spiros Blackburn, MD		
5:00pm – 6:30pm	Welcome Reception in Exhibit Hall		
6:30pm	Dinner on Your Own		

SATURDAY, FEBRUARY 10, 2018

7:30am – 8:00am	Breakfast in Exhibit Hall	11:30am – 12:15pm	University of Michigan Goes to Guatemala HONORED SPEAKER Karin Muraszko, MD Chair and Julian T. Hoff, M.D. Professor, Neurological Surgery Professor, Neurological Surgery Professor, Pediatrics and Communicable Diseases Professor, Plastic Surgery University of Michigan Ann Arbor, Michigan
8:00am – 8:15am	Welcome/Introductions Bruce Mickey, MD 2017-2018 TANS President Vice Chair, Department of Neurological Surgery William Kemp Clark Chair in Neurological Surgery Director, Annette Strauss Center for Neuro-Oncology UT Southwestern Medical Center Dallas, Texas	12:15pm – 1:15pm	TANS Business Meeting & Lunch Presidential Address Bruce Mickey, MD 2017-2018 TANS President Vice Chair, Department of Neurological Surgery William Kemp Clark Chair in Neurological Surgery Director, Annette Strauss Center for Neuro-Oncology UT Southwestern Medical Center Dallas, Texas
8:15am – 9:00am	Primary Spine Tumors: Why Enneking Appropriate may be Inappropriate HONORED SPEAKER Mark Bilsky, MD Vice Chairman for Clinical Affairs in Neurosurgery William E. Snee Chair Director, Multidisciplinary Spine Tumor Center Memorial Sloan Kettering Cancer Center New York City, New York	12:15pm – 1:15pm	Resident Lunch with Honored Speakers
9:00am – 9:45am	Spine and the Machine: How Will Big Data Make Us Better Doctors? HONORED SPEAKER Zoher Ghogawala, MD Professor and Chair of Neurosurgery, Lahey Hospital and Medical Center, Tufts University School of Medicine Burlington, Massachusetts	1:15pm – 2:00pm	Update on Guidelines for Degenerative and Traumatic Spine Pathology HONORED SPEAKER Sanjay Dhall, MD Associate Professor of Neurological Surgery University of California, San Francisco Director, Spinal Neurotrauma, San Francisco General Hospital San Francisco, California
9:45am – 10:15am	Break in the Exhibit Hall	2:00pm – 2:30pm	Value Based Healthcare – ETHICS Carlos Bagley, MD Associate Professor and Vice Chair of Neurological Surgery Associate Professor, Orthopaedic Surgery Director, UT Southwestern Spine Center UT Southwestern Medical Center Dallas, Texas
10:15am – 10:45am	Update on Pediatric Neurosurgical Trauma Brett Whittemore, MD Assistant Professor, UT Southwestern Medical Center Dallas, Texas		

SCHEDULE

2:30pm – 3:15pm **Making Choices in Spine Care - Who Decides What Works Best for Patients?**

HONORED SPEAKER
Zoher Ghogawala, MD
Professor and Chair of Neurosurgery,
Lahey Hospital and Medical Center,
Tufts University School of Medicine
Burlington, Massachusetts

3:15pm – 3:45pm **Break in Exhibit Hall**

3:45pm – 5:00pm **PANEL: Controversies in Spine Surgery**
Panelists:
Carlos Bagley, MD
Zoher Ghogawala, MD
Sanjay Dhall, MD

5:00pm – 6:00pm **Reception/Cocktail Hour**

6:00pm **Dinner on Your Own**

SUNDAY, FEBRUARY 11, 2018

7:30am – 8:00am **Continental Breakfast**

8:00am – 8:20am **Welcome/Introductions**
Bruce Mickey, MD
2017-2018 TANS President
Vice Chair, Department of Neurological
Surgery
William Kemp Clark Chair in
Neurological Surgery
Director, Annette Strauss Center for
Neuro-Oncology
UT Southwestern Medical Center
Dallas, Texas

8:20am – 10:40am **Resident Talks**

8:20am – 8:40am The Southwestern Aneurysm Severity Index (SASI): A Valid Predictor of Ruptured Aneurysm Outcome After Open Surgery
Tarek Y. El Ahmadieh, MD – UT Southwestern

8:40am – 9:00am Optimum Wide Neck Bifurcation Aneurysm Angle Change (BSW Index) Promotes Better Coiling of Complex Aneurysms
Samantha Dayawansa, MD PhD, PGY-3 – Texas A&M, Baylor Scott & White

9:00am – 9:20am Using DBS of the Median Forebrain Bundle to Treat Depression: Comparing Probabilistic DTI in Responders and Non-Responders
Chris Conner, MD, PhD
UTHSC-Houston

9:20am – 9:40am Electrophysiological and Transcriptomic Correlates of Neuropathic Pain in Human Primary Sensory Neurons
Robert North, MD – Baylor

9:40am – 10:00am Characterization of a Novel Method for Epidural Wireless Ventral Stimulation of the Surgical Rat Spinal Cord
William J. Steele III, MD – Methodist

10:00am – 10:20am Bone Flap Salvage in Acute Surgical Site Infection after Craniotomy for Tumor Resection
David Wallace, MD – UTHSC-San Antonio

10:20am – 10:40am Review of Potential Predictors of Vagus Nerve Stimulation Success
Daniel W. Branch, MD – UTMB Galveston

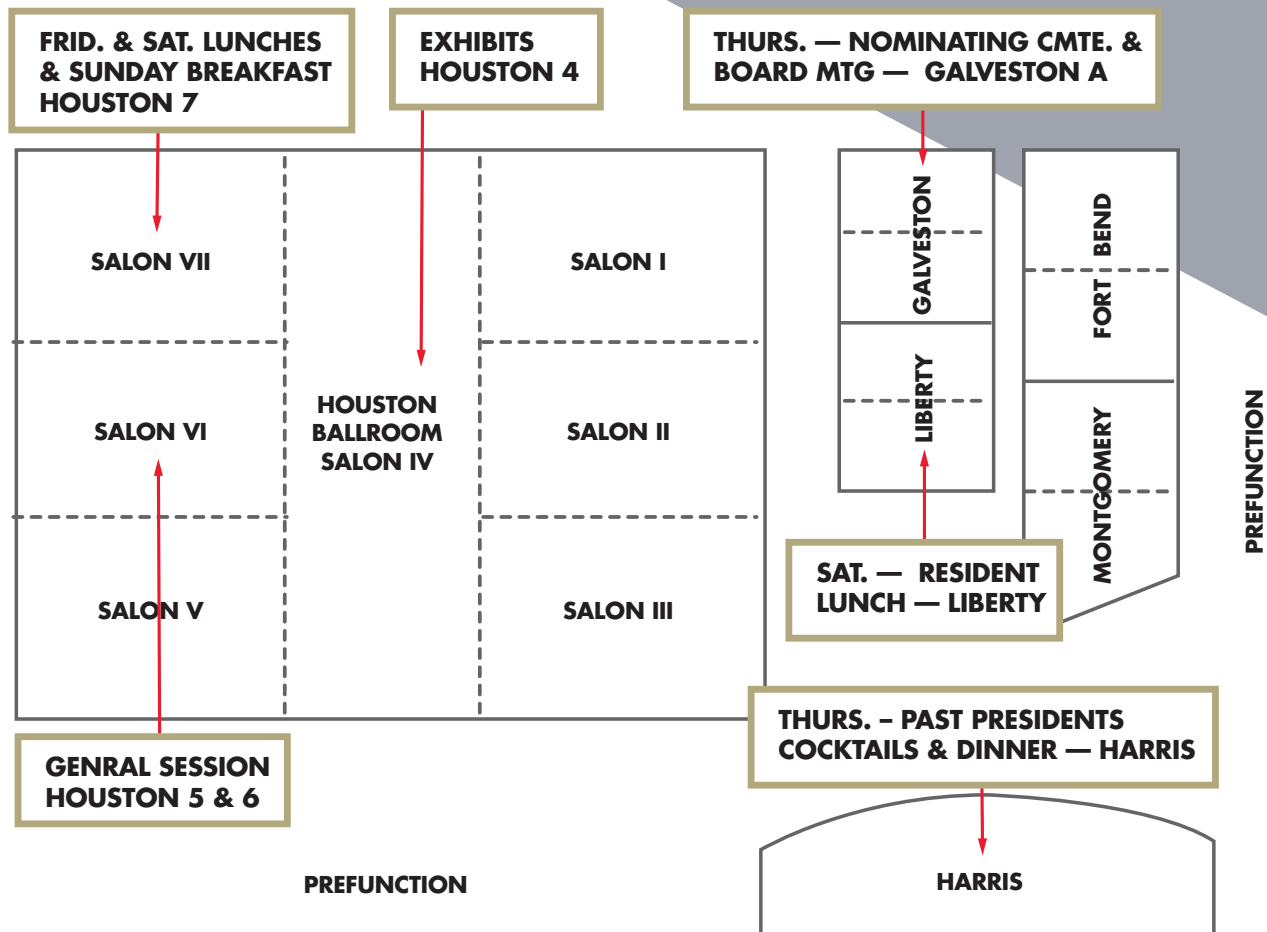
10:40am – 11:00am **Break – Check out of Hotel**

11:00am – 11:30am **CSNS Update**
Frederick D. Todd, II, MD
Arlington, Texas

11:30am – 12:00pm **Closing Remarks**
Stanley H. Kim, MD
TANS President 2018-2019
Wellness Brain & Spine
Austin, Texas



HOTEL MAP



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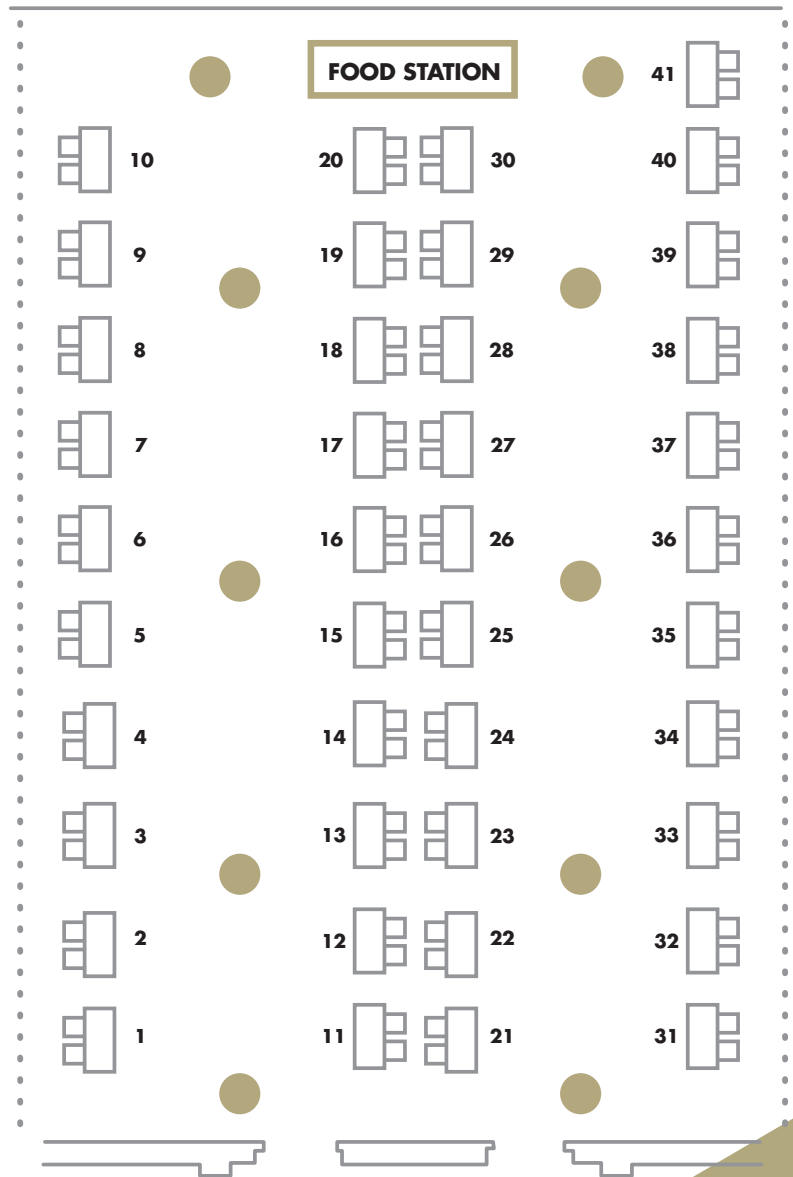
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BOOTH MAP

COMPANY	BOOTH
Aesculap, Inc.	6
Anchor Orthopedics XT Inc.	22
Arbor Pharmaceuticals	29
Baylor Scott & White Health	11
Bioventus, LLC	23
BK Ultrasound	38
Brainlab	39
Centinel Spine	30
DePuy Synthes	26
HD Life Sciences	35
Integrity Surgical Sales, LLC	31, 32 & 33
Joimax, Inc.	5
K2M, Inc.	12
KLS Martin	4
Medtronic	1, 2 & 3
Mizuho America Inc.	37
NICO	36
Olympus America	25
Orthofix	7
Paradigm Spine	16
Penumbra, Inc.	13
PMT Corporation	24
Precision Surgical LLC	40 & 41
SI-BONE, Inc.	34
SOPHYSA	21
Spine Wave	8
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Synaptive Medical	14
The Armamentarium Inc.	27 & 28
Wenzel Spine, Inc.	10
Xtant Medical	15
Zimmer Biomet	9



DON'T FORGET TO HAVE YOUR EXHIBIT PASSPORT SIGNED!

In your packet you have an exhibit passport that has each company in the exhibit hall listed on it. Get initials from each booth and turn it in to the TANS registration desk by 3:30pm on Saturday to be eligible to win one of two \$100 cash gift cards!