

TEXAS ORTHODONTIC STUDY CLUB

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TEXAS ORTHODONTIC STUDY CLUB

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PRESIDENTIAL MESSAGE

PARTNERS FOR OUR PATIENTS



DR. LARRY LAYFIELD

My name is Dr. Larry Layfield, and it is with great honor and privilege that I welcome you to the 79th annual meeting of the Texas Orthodontic Study Club, January 29-31, 2026, at the Marriott Plaza San Antonio Hotel and Spa, continuing our tradition of excellence through encouragement and example. Many thanks are due to our Past President, Tim Brunson, and our Executive Secretary, Debbie Jones, for a wonderful meeting of informative speakers, encouraging fellowship, and enlightening shared cases last year in Austin. This year, we have a wonderful venue, a great line up of speakers, and generous sponsors.

We have chosen the meeting theme of "Partners for Our Patients" to emphasize the most important beneficiaries of our common pursuit of excellence in orthodontics. Our historic club has evolved since its founding in 1946 to remain a standard-bearer in our great profession, but has always taken pride in helping its members to become better clinicians, learning from so many accomplished members, and sharing ideas that push us through personal and professional barriers, ultimately to offer our best to our patients.

The case display room will be open throughout the entire meeting, including early mornings and evenings. We have dedicated time there on Saturday morning, with members available as mentors to discuss cases. This room is the heart of our meeting, so please make time here to review cases and learn from each other, and to vote for our top ten Schudy award winners.

Our Friday speaker will be Dr. Marta Baird of Pleasanton, California, who will update us on the latest and most effective clear aligner techniques. She excels at applying principles of thoughtful mechanics to this now ubiquitous modality. During my time at LSU, I was fortunate to study under and do research with Dr. Jack Sheridan, inventor of the Essix retainer and promoter of interproximal stripping. Aligner treatment has progressed far from our early days of "divots and windows" to move teeth, to the point where technical excellence is achievable, and Dr. Baird can help us bring this to our patients.

During Friday lunch, our guest speaker will be Charles Duke, Apollo 16 astronaut, along with his wife Dotty, who co-wrote their book MoonWalker. Charlie has many fascinating stories about NASA, his visit to the moon, and beyond.

Friday evening, during our cocktail reception, we will tap our group's great experience with pearls from three of our members: Mike Chaffee, Scott Franklin, and David Hime. These gentlemen have prepared enlightening presentations that we can discuss and bring back home.

Saturday lunch will be accompanied by a lecture from Dr. Trevor Nichols about aligner mechanics with Spark. He pushes boundaries on what can be done with aligners for his patients, and is looking forward to sharing his insights with us.

On Saturday afternoon, we will hear from Dr. Hitesh Kapadia. Dr. Kapadia is a graduate of the U.T. Health Science Center at Houston, and is the Craniofacial Orthodontist on faculty at Texas Children's Hospital in Austin. He will inform us on current treatments of patients with cleft lip and palate and other craniofacial issues.

In our profession, when continuing education often feels more like a paid promotion, and can be done more easily from home than traveling, I am glad to have you join us in San Antonio for a unique and edifying experience. The camaraderie and insights you will gain from bringing and seeing "plaster (or resin!) on the table" is something special to our club, and well worth the effort. Know that cases do not need a near perfect ABO score to be helpful to yourself and others. Many of the best cases brought are "problem cases," where shared knowledge can still give patients wonderful outcomes, which is what we are all about. Welcome to TOSC and San Antonio!

SCHEDULE OF EVENTS

THURSDAY

2:00 PM - 4:00 PM
Board Meeting

4:00 PM
Sponsors may set-up

4:00 PM
Registration open

5:30 PM - 6:30 PM
River Cruise - Meet in the lobby at 5:15 if you signed up to go.
This is a ticketed event.

FRIDAY

7:00 AM - 8:00 AM
Registration and Breakfast

8:00 AM - 8:45 AM
Welcome address and Sponsors
(2 minutes per sponsor: Neon Canvas, Ormco, Dental Monitoring, Align, Specialty, Solventum, Soft Smile, Vitana, Orthia, AO, Speed, Lightforce, Forestadent, Sure Smile)

8:45 AM - 10:15 AM
Dr. Marta Baird - "From Vision to Precision: Designing ClinCheck® Plans with Biomechanical Foundations and Interdisciplinary Integration"

10:15 AM - 10:20 AM
Dental Monitoring

10:15 AM - 10:45 AM
Snack Break

10:45 AM - 10:50 AM
Align

10:50 AM - 11:50 PM
Dr. Marta Baird, cont'd

11:50 AM - 11:55 AM
Specialty

12:15 PM - 1:15 PM
Mr. Charles Duke, Apollo Astronaut

1:30 PM - 3:00 PM
Dr. Marta Baird, cont'd

3:00 PM - 3:05 AM
Orthia

3:05 PM - 3:35 PM
Snack Break

3:35 PM - 4:00 PM
Neon Canvas and Solventum

4:00 PM - 5:30 PM
Dr. Marta Baird, cont'd

6:00 PM
President's Cocktail and Pearl Reception
Dr. Mike Chaffee - "The Good, the Bad, and the Ugly: My best and worst of 32 years of practice"

Dr. Scott Franklin - "When 2nd Premolar Extraction is the "first" Choice in Preserving Facial Esthetics"

Dr. David Hime - "The Integrity Edge: Leading With Your Core in a Distracted World"

7:00 PM - 10:00 PM
Model room open for case study

SATURDAY

6:00 AM
Model room open for case study

7:00 AM
Members-only breakfast (others on your own)

8:00 AM - 12:00 PM
Model room - Mentors available

10:00 AM - 10:30 AM
Snack Break

12:00 PM
Schudy ballots due

12:15 PM - 1:30 PM
Dr. Trevor Nichols - SPARK in Practice: Precision, Control, and Clinical Outcomes" and Trailblazer Award

1:45 PM - 2:00 PM
Soft Smile, Vitana

2:00 PM - 3:30 PM
Dr. Hitesh Kapadia - "Orthodontic Considerations in Cleft and Craniofacial Care"

3:30 PM - 4:00 PM
Snack Break

4:00 PM - 5:00 PM
Dr. Hitesh Kapadia, cont'd

5:00 PM - 5:30 PM
Schudy Awards Presentation

5:45 PM - 7:15 PM
Dinner at Hotel

7:15 PM - 9:00 PM
Trolley City Lights tour - leave from and return to hotel with group picture at the end. Meet in lobby directly after dinner to board the trolley. All are welcome!

SPEAKER

DR. MARTA BAIRD



From Vision to Precision: Designing ClinCheck® Plans with Biomechanical Foundations and Interdisciplinary Integration

COURSE OBJECTIVES:

Apply foundational principles of aligner biomechanics to design ClinCheck® treatment plans that achieve desired movements predictably, including strategic use of attachments and force systems.

Apply the biomechanical principles that govern aligner tooth movement, including how force systems are created through staging and anchorage design based on case type.

Utilize Smile Architect and 3D visualization tools to create interdisciplinary treatment roadmaps that communicate esthetic and functional goals to patients and dental partners.

Dr. Marta Baird is a Diplomate of the American Board of Orthodontics, a Northern California Angle Society Member, and a Diamond Plus Invisalign provider based in Pleasanton, CA. She serves as a faculty member at the University of the Pacific, Arthur A. Dugoni School of Dentistry, where she directs courses in Clear Aligner Therapy and Orthodontic Principles. Dr. Baird collaborates with Align University to support orthodontic education for residents and new graduates. With expertise in digital treatment planning, patient communication, and interdisciplinary care, she is passionate about building efficient systems that empower doctors to deliver exceptional clinical results.



SPEAKER

CHARLES DUKE

The challenge and adventure of Spaceflight



Upon graduation from the Naval Academy and receiving his commission in the USAF, Mr. Duke entered pilot training and received his wings in Sept. 1958. He served three years in Germany as a fighter interceptor pilot with the 526th Fighter Interceptor Squadron at Ramstein Air Base. He was then assigned to MIT for a master's degree. In 1964, he entered the USAF Test Pilot School at Edwards AFB. He has logged 4,147 hours flying time which includes 3,632 hours in jet aircraft.

Astronaut Duke is one of the 19 astronauts selected by NASA in April, 1966. Duke served as lunar module pilot of Apollo 16, April 16-27, 1972. He was accompanied on the fifth manned lunar mission by John W. Young (spacecraft commander) and Thomas K. Mattingly II (command module pilot). Apollo 16 was the first scientific expedition to inspect, survey and sample materials and surface features in the Descartes region of the rugged lunar highlands. Duke and Young commenced their lunar surface stay of 71 hours and 14 minutes by maneuvering the lunar module "Orion" to a landing on the rough Cayley Plains. In three subsequent excursions onto the lunar surface, Duke and Young logged 20 hours and 15 minutes in extra-vehicular activities - involving the emplacement and activation of scientific equipment and experiments, the collection of nearly 213 pounds of rock and soil samples, and the evaluation and use of Rover-2 over the roughest and blockiest surface yet encountered on the moon.

Other Apollo 16 achievements include: largest payload placed in lunar orbit (79,109 pounds); first cosmic ray detector deployed on lunar surface; first lunar observatory with the far ultraviolet camera; and longest inflight EVA from a command module during trans-earth coast (1 hour and 13 minutes). Apollo 16 concluded with a Pacific splashdown and subsequent recovery by the USS TICONDEROGA.

With the completion of the Apollo 16 mission, General Duke has logged 265 hours and 51 minutes in space, which includes 21 hours and 28 minutes in extra-vehicular activities. Astronaut Duke also served as the backup lunar module pilot for the Apollo 13 and Apollo 17 flights.

In December 1975, Duke retired from NASA to enter private business in San Antonio. He entered the USAF Reserves in 1975 and served as Mobilization Augmentee to Commander AF Basic Military Training Center and to Commander USAF Recruiting Service. He was promoted to Brigadier General in 1979 and retired in June, 1986. Since 1976, Mr. Duke has been involved in a wide variety of business



SPEAKER

DR. HITESH KAPADIA

Orthodontic Considerations in Cleft and Craniofacial Care



COURSE OBJECTIVES:

Understand Cleft and Craniofacial Anatomy and Development

Recognize the Role of the Multidisciplinary Team

Assess Growth and Development in Patients with Cleft and Craniofacial Conditions

Evaluate the impact of cleft and craniofacial anomalies on facial growth and dentofacial development.

Interpret diagnostic records (radiographs, photographs, study models) to track growth and orthodontic needs over time.

Plan and Deliver Orthodontic Treatment

Develop treatment plans for different stages of development, including presurgical orthopedics, mixed dentition, and permanent dentition phases.

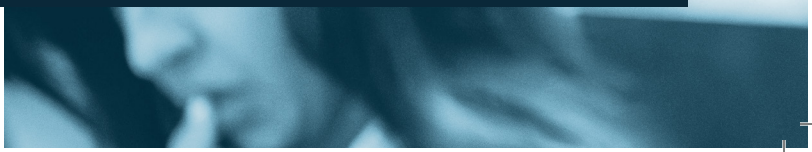
Apply orthodontic techniques and appliances tailored to patients with cleft and craniofacial anomalies.

Coordinate Pre-Surgical and Post-Surgical Orthodontic Care

Understand the timing and orthodontic preparation required for surgical interventions such as alveolar bone grafting, distraction osteogenesis (DO) and orthognathic surgery.

Hitesh Kapadia is on faculty at Baylor College of Medicine and is a member of the Craniofacial team at Texas Children's Hospital in Austin. He has been in Austin since August 2024. Prior to this, he was at Seattle Children's Hospital, where he was chief of Craniofacial Orthodontics and director of the fellowship training program in Craniofacial Orthodontics.

Hitesh is passionate about helping children and their families understand the complexities of cleft and craniofacial care and guiding them through various phases of treatment. He works closely with Craniofacial team members to manage the orthodontic needs of children with craniofacial differences. Hitesh attended the University of Texas at Austin for his undergraduate studies and earned his D.D.S. and Ph.D. at The University of Texas Health Science Center, Houston. He received fellowship training in craniofacial orthodontics at NYU Medical Center. He is an active member of the American Cleft Palate and Craniofacial Association, International Society of Craniofacial Surgery, Angle Society (Northwest Component and now the Southwest) and American Association of Orthodontists.



SPEAKER

DR. TREVOR NICHOLS

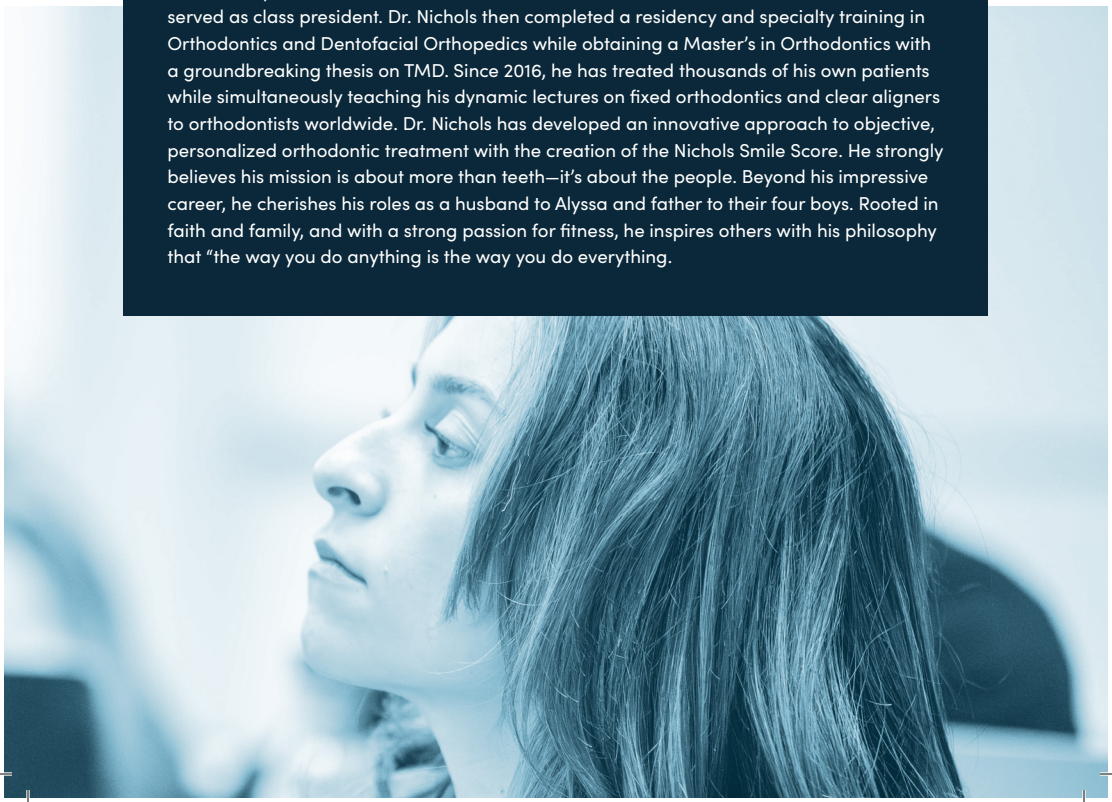


SPARK in Practice: Precision, Control, and Clinical Outcomes

COURSE OBJECTIVES:

This one-hour discussion offers a focused, clinical look at how SPARK aligners are used in everyday orthodontic practice. Dr. Nichols will briefly outline the core features of the SPARK system that influence treatment control and predictability, then walk through select cases that highlight how those features translate into real clinical outcomes. Rather than an exhaustive overview, the emphasis is on practical decision-making, treatment design, and execution—what matters most when incorporating SPARK into modern orthodontic workflows. The session is intended to be conversational, case-driven, and relevant for clinicians interested in understanding how SPARK performs in real-world application.

Dr. Trevor Nichols, an Arizona native and board-certified orthodontist, is celebrated globally for his transformative work and attention to aesthetic details. Following his undergraduate studies as valedictorian at Arizona State University, he excelled at the Arizona School for Dentistry and Oral Health where he earned his Doctorate in Dental Medicine and served as class president. Dr. Nichols then completed a residency and specialty training in Orthodontics and Dentofacial Orthopedics while obtaining a Master's in Orthodontics with a groundbreaking thesis on TMD. Since 2016, he has treated thousands of his own patients while simultaneously teaching his dynamic lectures on fixed orthodontics and clear aligners to orthodontists worldwide. Dr. Nichols has developed an innovative approach to objective, personalized orthodontic treatment with the creation of the Nichols Smile Score. He strongly believes his mission is about more than teeth—it's about the people. Beyond his impressive career, he cherishes his roles as a husband to Alyssa and father to their four boys. Rooted in faith and family, and with a strong passion for fitness, he inspires others with his philosophy that "the way you do anything is the way you do everything.



TRAILBLAZER AWARD

DR. NADENE TIPTON



Nadene Tipton was born in Fargo, North Dakota and was inspired to become an orthodontist during treatment as a teenager with Dr. Bill Kimbrough in Kingwood, Texas. After graduating dental school and completing her orthodontic residency at Baylor College of Dentistry, she and her husband opened their combined ortho-pedo practices in Lubbock, Texas in 1994. For 31 years, they practiced together before "repurposing" in May, 2025.

During those practice years, Nadene accomplished several firsts. She was the first female orthodontist in the Lubbock area (and 5th female dentist of which now there are greater than 60), she was the first female to receive TOSC's CT Rowland award and was the first female to serve as president of her children's school board. Other endeavors include teaching orthodontics at TAMU for 9 years, serving as TOSC president in 2020, installing a dental exhibit at the children's museum (including commissioning construction of a giant dental arch), and creating the "West Texas Women in Dentistry" group. Recently she has served as chair for the Lubbock Symphony Orchestra gala, is working on anti-vaping initiatives for teenagers, and has rejoined her church ensemble playing her flute.

Her proudest achievement, however, was building a life together with Roger and raising their 3 boys, Ashton, Ben and Myles and welcoming daughters in law Samantha and Jennie.

SIGNIFICANT ORTHODONTIC INFLUENCES:

Dr. Mike Plunk: demonstrated the joy of orthodontics and lifelong learning

Dr. Gayle Glenn: demonstrated finishing cases and humility

Dr. Phil Campbell: demonstrated discernment and wisdom

TOSC colleagues: demonstrated excellence by encouragement and example

2025 SCHUDY AWARD WINNERS

From L to R: DRS. EMILEE DUDLEY, SARA SOOFIAN, NADENE TIPTON, LISA KING AURORA SORDELLI, MEREDITH SCOTT, ANABELLA HANEO-ALDREY, MARIA KARAKOUSOGLOU



NEW MEMBERS

Stanton Henry

Bonolo Odirile

Arianna Weissend

Taylor Glovsky

Alma Garay

Maria Karakousoglou

Glen Armstrong - reinstated

DR. MARTA BAIRD - FROM VISION TO PRECISION: DESIGNING CLINCHECK® PLANS WITH BIOMECHANICAL FOUNDATIONS AND INTERDISCIPLINARY INTEGRATION

NOTES

CHARLES DUKE - THE CHALLENGE AND ADVENTURE OF SPACEFLIGHT

NOTES

DR. HITESH KAPADIA - ORTHODONTIC CONSIDERATIONS IN CLEFT AND CRANIOFACIAL CARE

NOTES

DR. TREVOR NICHOLS - SPARK IN PRACTICE: PRECISION, CONTROL, AND CLINICAL OUTCOMES

NOTES

NOTES

NOTES

PAST PRESIDENTS

C.T. Rowland - 1946
C.T. Rowland - 1947
E.B. Arnold - 1948
Albert P. Westfall - 1949
Robert E. Gaylord - 1950
Marshall Ray - 1952
Fred F. Schudy - 1953
Julius Tomlin - 1954
Solon P. Crain - 1955
Paul E. Gilliam - 1956
Tom M. Williams - 1957
Marcus D. Murphey- 1958
Joe D. Peak - 1959
Claude Phillips- 1960
Kent W. Jones - 1961
Wade Clendenen - 1962
James M. Reynolds - 1963
Horace E. Wood - 1964
Elwood L. Mooney - 1965
Willis H. Murphey - 1966
Wallace H. Black - 1966
Roger B. Mills - 1967
Clifford J. Breaud - 1969
James Q. Barnes - 1970
Norman T. Speck - 1971
Griffith Oates - 1972
Billy G. West - 1973
Travis L. Lanham - 1974
Ted M. Budnick - 1975
W. Bonham Magness - 1976
Tom B. King - 1977
J. Byron Smith - 1978
R. G. Alexander - 1979
O. B. Vaughan - 1980
George D. Ritchie - 1981
Edward R. Genecov - 1982
Larry White - 1983
William M. Hart - 1985
Richard B. Aubrey - 1986
Robert W. Magness - 1987
Jimmy C. Boley - 1988
William W. Robinson - 1989
W.Elmo Penley - 1990
Mike D. Allen - 1991
Larson R. Keso - 1992
Philip B. Caldwell - 1993
Richard C. Ressling - 1994
Moody Alexander - 1995
Phillip M. Campbell - 1996
Marvin G. Stephens, Jr. - 1997
Edward F. Sullivan - 1998
Carroll L. Sherman - 1999
Howard D. Iba - 2000
George F. Schudy - 2001
Joe Forsman - 2002
Charles Hutto - 2003
Ronald G. Tietz - 2004
Ronald L. Gallerano - 2005
Phil Corbin - 2006
Dean Jensen- 2007
Barry McNew - 2008
Mike McNeil - 2009
Mark Geller - 2010
Glen Armstrong - 2011
Mike Chaffee - 2012
Carol Stuckey - 2013
David Hime - 2014
David Adame - 2015
Clark Spencer - 2016
Scott Franklin - 2017
Devek Frech - 2018
Lisa King - 2019
Nadene Tipton - 2020
Jay Gibson - 2022
Aurora Sordelli - 2023
Nick Salome - 2024
Tim Brunson – 2025
Larry Layfield - 2026

HISTORY

A Legacy of Innovation & Inspiration

The Texas Orthodontic Study Club was founded as The Charles H. Tweed Orthodontic Group of the Southwest in March of 1946. The founders of TOSC were greatly influenced by Charlie Tweed, whose daring innovations rescued the practice of orthodontics from uncertainty to a high degree of predictability.

Dr. Tweed taught and shared what he knew with anyone who would listen. And, when challenged, became famous for inviting completely transparent debate by responding, "Just put your plaster on the table."

It's this sharing of case studies and ideas that became the foundation for TOSC. Fresh, bold, new ideas intermix with deep experience and healthy debate whenever members come together.



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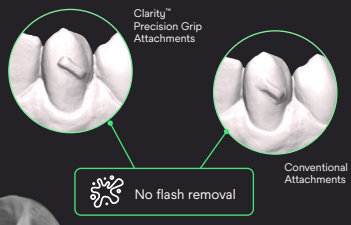
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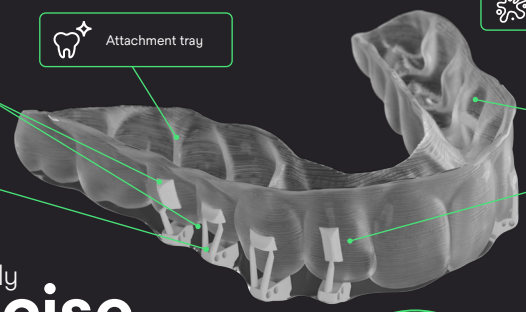


No flash removal

Attachment tray

Bar and bevel shapes

Sprues - support structure for precise placement



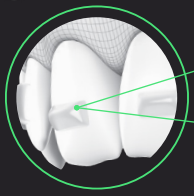
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