

# ANNUAL SESSION SPEAKERS & SESSION DESCRIPTIONS

## FRIDAY, OCTOBER 25 | CLINICAL TRACK



### CLINICAL PREDICTABILITY: HOW AI GIVES YOU FREEDOM

8:30 - 10 AM

Why DM? The recent AAO Report on the Ortho market says Gen Z likes digital/screens. This generation is highly accustomed to digital communication and expects seamless, tech-driven healthcare experiences. They may prioritize virtual healthcare options and value transparent, easily accessible health information. Flexibility in appointment scheduling and communication through digital platforms is essential for them.



**BRYN COOPER,  
DDS, MS**

Bryn Cooper is in private practice in Houston, Texas and Lake Jackson, Texas at Cooper Orthodontics. she received her dental degree from the University of Texas Health Science Center San Antonio Dental School and did her orthodontic residency at Saint Louis University. She is active in Southwestern Society of Orthodontics, several American Association of Orthodontics Committees such as the Committee on Conferences and Meetings, Gifted Smiles with the American Association of Orthodontics Foundation, Spear Study Group, Houston's Women Leading Medicine. She also speaks for uLab Systems in addition to Dental Monitoring. She is pioneering a solo practice that uses digitized orthodontics to leverage efficiency.

### CHAIRSIDE DIRECTION FOR DIGITALLY GUIDED ORTHO

10:30 - 12 PM

Indirect bonding is arguably the most effective way to reduce chair time; throw in the most recent technology of digitally guided IDB and now we're talking EFFICIENCY. Printed metal appliances? No separators? Not just magic in production, but magic in reducing labor and chairtime. How far are you willing to commit to the digital revolution? With most recent concerns about labor shortages in the Ortho office, reducing chairtime is of paramount concern. Achievable in both digitally guided and "old school" in-house IDB - this lecture will serve as an all encompassing review of both custom and clean base indirect bonding protocols.



**PAUL GANGE, JR.**

Paul Gange Jr. is the Vice President of Reliance Orthodontic Products. He has become a leader in resolving difficult technical bonding issues through countless chairside hours training clinical staff. His passion for research and development has created 12 new Reliance products over the past 10 years and aided numerous research projects. Paul is a published author, lectures domestically and internationally at numerous universities, study clubs, constituent meetings as well as the AAO for the past 9 years. His greatest fulfillment comes from hands-on training for doctors and staff in private offices.

### 3D PRINTED ALIGNERS: UNVEILING NEW HORIZONS IN CLEAR ALIGNER THERAPY

1 - 2:30 PM

The evolution of clear aligner therapy, particularly through the adoption of 3D printing technologies, represents a significant leap forward in orthodontic treatment. This presentation focuses on the integration of 3D printed shape memory aligners (SMAs) and their biomechanical advantages. The direct fabrication of aligners from shape memory polymers using 3D printing not only enhances the precision and efficiency of treatments but also offers a novel approach to aligner design that maximizes comfort and effectiveness. The biomechanical properties of SMAs, particularly their adaptive response to thermal stimuli, provide unparalleled control over treatment outcomes, enabling the execution of complex dental adjustments with greater predictability.



**KI BEOM KIM,  
DDS, MSD, PhD**

Dr. Ki Beom Kim is a Professor at Saint Louis University, holding the Dr. Lysle Johnston Endowed Chair in Orthodontics. He serves as the Program Director in the Orthodontic Department at the Center for Advanced Dental Education. Dr. Kim is recognized as a Diplomate by both the American Board of Orthodontics and the American Board of Orofacial Pain. His educational background includes dental training in South Korea, a Ph.D. in Orofacial Pain, and orthodontic training at Vanderbilt University. Dr. Kim contributed to over 100 peer-reviewed articles, been involved in over 140 master's thesis projects, and authored three textbooks on orthodontics.

3 - 4:30 PM

### DIAGNOSIS AND TREATMENT PLANNING IN THE 21ST CENTURY

Diagnostic tools have changed with advances in technology, yet some diagnostic measures have stood the test of time. This presentation will briefly review some of the advances that today can be blended into the fabric of contemporary diagnosis and treatment planning routines.



**PAT FOLEY  
DDS, MS**

Dr. Patrick Foley received a BS degree in Education from Northern Illinois University, a Doctor of Dental Surgery degree from the University of Illinois-Chicago, and a MS degree from Saint Louis University. Served as a Captain in the U.S. Army Dental Corps prior to orthodontic training. He maintained a private practice for 30 years, and now teaches orthodontics at the Center for Advanced Dental Education at Saint Louis University.



**JULIE MCCRAY  
DDS, MS**

Dr. Julie F. McCray received a BS in Biomedical Engineering from the University of Iowa, and her DDS from the University of Nebraska Medical Center. She received her MS in Orthodontics degree from Saint Louis University. She owned a private practice for 28 years and was a clinical instructor at SLU for 17 years before becoming a Associate Professor and Clinic Director.



**MICHAEL LEE, DDS**

Dr. Michael Lee completed his dental education at the University of Minnesota, followed by orthodontic training at Saint Louis University. He is currently an assistant professor at Saint Louis University.

**8:30 - 10:00 AM****10:30 - 12:00 PM** [CONTINUATION]**FROM ADS TO WEBSITES: THE DIGITAL MARKETING MASTER CLASS**

Officially calling all digital disruptors, marketing mavericks, and brand-building boundary breakers! Get ready to disrupt the status quo with marketing strategies that shake things up! Industry experts and ortho renegades Mary Kay Miller, Jill Allen, and Dr. Anthony Bonavoglia know it takes a well-rounded approach to stand out in a crowded market. Let's be bold and uncover innovative tactics that will set your marketing apart. It's time to make some noise!

**MARY KAY MILLER**

Mary Kay Miller is the CEO and owner of Kaleidoscope, which joined forces with Orthopreneur Internet Marketing in 2021. As the oldest privately-owned digital marketing agency in the orthodontic industry, Kaleidoscope clients benefit from Mary Kay's 25+ years of orthodontic experience. She's worn many hats, from business to marketing to treatment coordinator, giving her a unique and savvy edge in helping practices gain a competitive edge online.

**JILL ALLEN**

Jill Allen is an international orthodontic consultant dedicated to helping doctors achieve their dreams. Her core strengths lie in guiding orthodontists through practice start-ups, acquisitions, comprehensive team training, and supporting practitioners at every stage of their orthodontic careers. With a proven track record of success and a dedicated team of professionals, Jill Allen has been in the orthodontic industry for over 30 years. She has amassed vast knowledge and expertise, making her a trusted leader in the orthodontic field.

**ANTHONY BONAVOGLIA, DDS**

Dr. Anthony Bonavoglia is a board-certified orthodontist who oversees a large solo practice, perpetually seeking to optimize efficiency through systematic approaches. Dr. B is the founder and CEO of SmileSuite, the all-in-one solution for new patient scheduling, providing extensive 'done-for-you' or 'do-it-yourself' choices to ensure seamless management of the complete new patient pipeline from initial contact to contract signing.

**1:00 - 2:30 PM****LEVEL UP: KEYS TO ACHIEVING STELLAR CASE ACCEPTANCE**

During this lecture you will learn how to Level Up your Game to improve your patient experience and achieve stellar case acceptance. Cindi James will teach you how to get to know your patients, build trust, and streamline the patient journey for optimal satisfaction. She will share insights from leading companies in customer service on how to enhance patient interactions, creating memorable moments that will ultimately increase conversion rates.

**3:00 - 4:30 PM****LEVEL UP: PRACTICE MANAGEMENT THAT CULTIVATES SUCCESS**

Join Cindi James as she shares effective strategies to foster a collaborative team culture that drives success in your practice. This session focuses on building, training, and retaining your team, emphasizing their integral role in achieving practice goals. Discover practical tips and tools for enhancing cohesion, productivity, and creating a positive work environment.

**CINDI JAMES**

As the Director of Training at Peniche & Associates, Cindi James has over 32 years of orthodontic experience in both clinical and administrative roles and is a master of the Peniche & Associates' Systems. In addition to all of this, Cindi holds a bachelor's degree in Business Marketing. It is Cindi's unique combination of theory tempered by real-world, in-office experience coupled with the exclusive training of LeeAnn Peniche herself that makes Cindi a highly requested and extremely knowledgeable Peniche & Associates Consultant and international speaker.



## DEVELOPMENT OF THE VERTICAL DIMENSION IN CHILDREN

Development of the vertical dimension in human faces results from the interaction of environmental and genetic factors in a mosaic pattern of growth. Discernment and consideration of these factors helps to understand the etiologies of deep and open bites. This informs the treatment planning process and treatment. It also has an impact on retention. This presentation will review the etiological factors in the variable development of the vertical dimension in children.

8:30 - 10 AM



**JAMES HARTSFIELD, JR.**  
DMD, MS, MMSc, PhD,  
FACMGG, CDABO, FACD, FICD

Dr. James Hartsfield is the E. Preston Hicks Endowed Professor of Orthodontics and Oral Health Research at the University of Kentucky College of Dentistry. He has practiced and is board certified in both orthodontics and medical genetics. Diplomate of the American Board of Medical Genetics and Genomics Medical Genetics and Genomics and Orthodontics

Volunteer Clinical Professor - Indiana University  
Adjunct Clinical Professor - University of Illinois at Chicago College of Dentistry  
Adjunct Professor - University of Western Australia  
Lecturer, Part-Time - Harvard School of Dental Medicine

## PIECING THE PUZZLE: ORTHODONTICS AND OBSTRUCTIVE SLEEP APNEA

This presentation explores the intricate interplay between orthodontics and obstructive sleep apnea (OSA). Many posit that orthodontic interventions aimed at correcting malocclusion may influence the upper airway dynamics, potentially alleviating or exacerbating OSA. Understanding the biomechanical and anatomical factors involved is crucial for orthodontists, dentists, and sleep medicine practitioners. The presentation aims to provide a comprehensive overview of the connections between orthodontics and dental sleep medicine, emphasizing the importance of interdisciplinary collaboration for effective patient management.

10:30 - 11:15 AM



**MARIA THERESE SABATER GALANG-BOQUIREN, DMD, MS**

Dr. Maria Therese Sabater Galang-Boquiren is a tenured Professor of Orthodontics at the University of Illinois Chicago (UIC). She holds dual board certifications as a Diplomate of both the American Board of Orthodontics and the American Board of Dental Sleep Medicine, making her one of only five professionals in the United States with this unique combination of expertise.

## CONSIDERATIONS ON FUNCTIONAL OCCLUSAL PLANE AND VERTICAL CONTROL ON EARLY ORTHODONTIC TREATMENT PLANNING

This 45-minute presentation focuses on advanced orthodontic principles essential for comprehensive patient care, emphasizing clinical case presentation, individualized diagnostic techniques, early treatment considerations, and diverse mechanical approaches for effective vertical control.

11:15 - 12 PM



**FLAVIO JOSÉ CASTELLI SANCHEZ, DDS, MS**

Dr. Flavio Sanchez graduated from the University of Campinas in Brazil in 1990, he finished his orthodontic specialization in 1995 and culminating in a Master's Degree in Orthodontics from Sao Leopoldo Mandic University - Brasil in 2007. Serving as a full-time assistant professor at the University of Illinois Chicago since 2017, Dr. Sanchez major interests span biomechanics and biomaterials, early diagnostic and treatment planning utilizing personalized techniques, and cutting-edge research in Artificial Intelligence applications within orthodontics. Dr. Sanchez's career is marked by a commitment to innovation and excellence in orthodontic education and patient care.

## MINISCREW-ASSISTED RAPID PALATAL EXPANSION (MARPE): RATIONALE, APPLIANCE DESIGN AND OUTCOMES

Maxillary transverse deficiency (MTD) among adults is a common malocclusion. For decades, orthodontic practitioners have been searching for effective and reliable treatments for MTD, Miniscrew-assisted rapid palatal expansion (MARPE) is a means for expanding the basal bone without surgical intervention in late adolescents and adults. In this course I present how to optimize the MARPE appliance to manage many clinical challenges.

1 - 1:45 PM



**MOHAMMED ELNAGAR, DDS, MS, PhD**

Dr. Mohammed Elnagar is an Assistant Professor in the Department of Orthodontics at the University of Illinois Chicago (UIC). He completed a joint Ph.D. program and Orthodontics Specialty training at UIC. Additionally, he holds a certificate in Artificial Intelligence applications in healthcare from the Massachusetts Institute of Technology (MIT). He serves as the Director of the Digital and AI Laboratory at UIC Orthodontics and has received multiple national awards for his contributions to the field of AI. Most notably, in 2023, he was honored with the Burststone-Indiana Biomechanics Award for his work on emerging technologies and was designated as a Burststone Fellow in Biomechanics.

## INTERDISCIPLINARY ORTHODONTIC TREATMENT

This course provides an overview of interdisciplinary orthodontic concepts. The philosophy and treatment strategy in orthodontics that involves other specialties of dentistry as an integrated treatment approach for the complex clinical situation to improve the overall treatment prognosis and enhances the treatment results.

1:45 - 2:30 PM



**PHIMON ATSAWASUWAN**  
DDS, MS, MS, MSc, PhD

Dr. Phimon Atsawasuwan is a professor at the department of Orthodontics, University of Illinois Chicago and a diplomate, American Board of Orthodontics. He also holds Master degrees in Periodontics from Eastman Dental Institute, University College London and Mahidol University, Thailand.

3 - 3:45 PM

## CURRENT EVIDENCE AND COMMONLY MARKETED APPLIANCES IN DAY-TO-DAY ORTHODONTIC PRACTICE

Drs. Yadav and Allareddy will discuss the scientific proof for individualized/personalized orthodontic treatment; the evidence about orthodontic appliances used in day-to-day clinical practice; and technological advancements shaping each and every aspect of our clinical practice.



**VEERASATHPURUSH  
(SATH) ALLAREDDY**  
BDS, MBA, MHA, PhD, MMSc

Dr. Sath Allareddy is Professor, Brodie Craniofacial Endowed Chair and Head of Department of Orthodontics at UIC. He serves as the Director of the Specialty Node of National Dental Practice-Based Research and is a member of the Rapid Assessment of Evidence Panel and Planning and Awards Review Committee of the American Association of Orthodontists Foundation.



**SUMIT YADAV,**  
BDS, MDS, MBA, PhD

Dr. Sumit Yadav is a Professor and Chair of Department of Growth and Development at UNMC College of Dentistry. He is the Henry and Anne Cech Endowed Professor of Orthodontics, a Board-Certified Orthodontist, an Associate Editor for Progress in Orthodontics. Funded by NIH and American Association of Orthodontic Foundation on Orthodontic Tooth Movement and Temporomandibular Joint Degeneration and Regeneration.

3:45 - 4:30 PM

## SPECIALTY NODE OF NATIONAL DENTAL PRACTICE BASED RESEARCH NETWORK: OPPORTUNITIES FOR CLINICIANS

Drs. Lee and Oubaidin will differentiate the National Dental Practice-Based Research Network ("the Network") from traditional research avenues; identify the Network's impact on clinic practice; and familiarize attendees with opportunities to engage in research activities through the Network.



**MIN KYEONG LEE,**  
DMD, DMSc

Dr. Min Kyeong "Irene" Lee is an Associate Professor at UIC Department of Orthodontics. She received her dental and orthodontic trainings at Harvard School of Dental Medicine and completed a clinical fellowship in Craniofacial and Special Needs Orthodontics at Children's Hospital Los Angeles. Dr. Lee is a big data analytics researcher with an interest in examining hospital-related outcomes using nationwide datasets.



**MAYSAA OUBAIDIN,**  
DDS, MS

Dr. Maysaa Oubaidin grew up in Aleppo, Syria. She earned her DDS degree from University of Aleppo College of Dental Medicine. Upon her graduation from her dental school she received Al-Bassel Award for Outstanding Academic Excellence and First Graduate. Dr. Oubaidin moved to United State right after her graduation to pursue her passion in orthodontics. She received her MS Oral Sciences and Orthodontic specialty certificate from the University of Illinois at Chicago College of Dentistry. She worked in multiple research areas including CBCT, accelerating orthodontic tooth movement, bone biology, and microCT. She has returned to UIC Orthodontics Department as a full-time Associate Professor.

**8:30 - 10 AM****REDUCING EMERGENCIES AND FINISHING TREATMENT ON TIME**

A high number of emergency visits can make a critical impact on the total treatment time and meeting financial goals of a case. Reducing the number of emergency visits and patients beyond their estimated completion date is a team effort for an orthodontic office. Often, offices with a high percentage of these numbers have difficulty reaching their schedule and financial goals. We will review the impact these patients can have on the office. Implementing systems and protocols to reduce these numbers will allow the team to manage patient treatment more efficiently.

**10:30 - 12:00 PM****IT'S ALL ABOUT TIMING: HOW TO KEEP YOUR CLINIC ON TIME**

Join Cindi James as she shares effective strategies to foster a collaborative team culture that drives success in your practice. This session focuses on building, training, and retaining your team, emphasizing their integral role in achieving practice goals. Discover practical tips and tools for enhancing cohesion, productivity, and creating a positive work environment.

**ANDREA COOK**

Andrea Cook lives in your world. The “real world” of providing excellent orthodontic care for every patient. Her “clinical pearls” are polished from 20 years’ experience as a chair side orthodontic assistant with outstanding orthodontic practices. From the solo practice with a perfectionist doctor to the group practice with multiple locations, Andrea expertly guides orthodontic teams to “Excellence”! Andrea works with the entire team to increase efficiency, improve communications and guide orthodontic practices to a new level of excellence. She has extensive experience as a clinical coordinator for multidocor practice seeing over 120 patients per day. Her expertise provides her unique insight to solutions for the multitude of challenges faced everyday by orthodontic teams.

**1 - 2:30 PM****THE ASSISTANT’S ASSISTANT: HOW TO WIELD AI**

This session will cover why you should utilize Dental Monitoring to increase patient communication and increase clinical efficiency. Also, you will get tips on implementing the systems that you’re your team get going.

**BRYN COOPER,  
DDS, MS**

Bryn Cooper is in private practice in Houston, Texas and Lake Jackson, Texas at Cooper Orthodontics. she received her dental degree from the University of Texas Health Science Center San Antonio Dental School and did her orthodontic residency at Saint Louis University. She is active in Southwestern Society of Orthodontics, several American Association of Orthodontics Committees such as the Committee on Conferences and Meetings, Gifted Smiles with the American Association of Orthodontics Foundation, Spear Study Group, Houston’s Women Leading Medicine. She also speaks for uLab Systems in addition to Dental Monitoring. She is pioneering a solo practice that uses digitized orthodontics to leverage efficiency.

**GET YOUR SHIP TOGETHER: WAYS TO UP YOUR PRACTICE MANAGEMENT GAME TO ENSURE GROWTH, HAPPINESS, AND SMOOTH SAILING AHEAD**

This session will help keep you paddling in the right direction with the right team! We will discuss and address:

- How to promote that you have the best ship in town!
- How to be the best captain for YOUR ship
- How to make sure your ship is headed North
- How to motivate, appreciate and celebrate others on your ship

And lastly how to find those smooth sailing waters

**3 - 4:30 PM****ANN BYNUM, DDS**

Dr. Ann Bynum is originally from Ocala, Florida. She did her undergraduate training at Florida State University. She then attended dental school at the University of Iowa, where she met her husband, Dr. Matt Bynum. She did two further years of training in Pediatric Dentistry at the University of Texas Health Science Center in San Antonio, Texas. Dr. Bynum is a Diplomat of the ABPD, a member of the SSPD, the AAPD, ASAP, and the ADA. She has lectured and written numerous articles on customer service, marketing, leadership, teamwork, and tethered ties, sleep and airway. She enjoys spending time with her husband and their three boys, Matthew, Luke, and John. She enjoys working ON her practice and travelling.