THE AMERICAN ACADEMY FOR ORAL SYSTEMIC HEALTH

9th Annual SCIENTIFIC SESSION October 17-19, 2019 Nashville, Tennessee

"Practicing Complete Health: Turning Science into Action" AAOSH.org

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Join us! JOINT WELCOME RECEPTION

a fun networking event with AAOSH, AAPMD, ACAM, and AAMS **Thursday @ 6:00 - 8:00pm | Ryman Hall**



WELCOME TO THE GAYLORD OPRYLAND RESORT

Thank you to all the sponsors, exhibitors, and supporters of the AAOSH 9th Annual Scientific Session. These companies are on the front line of the oral systemic movement, making this conference possible. Please visit them at their booths, to learn how they can help you deliver better care for your patients. The exhibit hall is being shared with the American Academy of Physiological Medicine & Dentistry (AAPMD), the American College for Advancement in Medicine (ACAM), and the Academy of Applied Myofunctional Sciences (AAMS).

TECH LAB/ BOOK SIGNING SMALL RISER	129-1 228-2	229-3 328-4	AAMS 429-1 528-2 AAMS AOMT	AAMS 429-3 528-4 Myo- Made Easy Munchie	529-5
THTR SEATS 20PP	AAPMD	AAOSH	ACAM AAPMD	AAPMD	AAMS
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120-32	121-26 220-27 Panthera/ Postural SML Rest	221-28 Xlear	Zero ³²¹⁻²⁹ 420-30 Karo Gravity Kerr	Airway 421-31 520-32 Health/ Ohlendorf Start	521-33620-34DawsonHealcerion
AAOSH	AAOSH	ACAM	AAPMD	AAOSH	ACAM
Bio- 114-35 Botantical	Perio 214-37 Protect Greatness	215-38 314-39 Physicians Armin Strength Labs	315-40 414-41 Sleep Patient Cert Safety	415-42 514-43 Stella L Healing	ARKRAY ASEA
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CONTINUING EDUCATION CREDIT



Participant's Name (please print)

AGD# (Drs. Only)

License #

Email

Instructions

Presentation codes will be announced at the end of each presentation. Enter presentation code numbers to the right to verify your attendance at the presentations. This is **your copy** to keep as verification of your attendance at this session. You do not need to mail or send in anything, unless requested to show proof of attendance by an organization.

Total CE hours available: 16 Additional Thursday Workshop CE hours: 6

Authorized AAOSH Signature

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AAOSH President



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Course Title: AAOSH 9th Annual Scientific Session

Practicing Complete Health: Turning Science into Action October 17-19, 2019 Gaylord Opryland Resort | Nashville, TN

Thursday, October 17	CE	Code
Morning Workshops Mark Cannon, DDS Erinne Kennedy DMD, MPH, MMSc Susan Maples, DDS and Cole Davis	3	
Afternoon Workshops Barbara Tritz RDH, BS, MSB Mark Cannon, DDS	3	
Full Day Workshop Thomas Nabors DDS, Bradley F. Bale MD, and Amy L. Doneen DNP, ARNP	6	
Friday, October 18	(Code
Robert Lustig, MD		
Michael Glick, MD		
Doug Thompson, DDS, FAAMM, ABAAHP		
Kevin Kwiecien, DMD		
V. Kim Kutsch , DMD		
Saturday, October 19	(Code
Uche Odiatu, DMD		
Bob Frazer, Jr., DDS, FACD, FICD		
William Hang, DDS		
Betsy Board-Guzzardo, MD		
Mary Osborne		
DeWitt Wilkerson, DDS		

Welcome to the 9th Annual AAOSH Scientific Session!

From your Program Committee Chair Susan Estep, DMD and Co-Chair Susan Maples, DDS

Welcome to your future! There has never been a better time for collaborative dental medicine to take the front line in combating America's massive health decline. *Collaboration Cures* is our theme this year, and is exemplified in our world class, multi-track program including: AAOSH (oral systemic), AAPMD (airway and sleep), ACAM (functional medicine), AAMS (oral myofunctional therapy).

Get excited for example, by our keynote speaker, Robert Lustig, author of the New York Times best seller *Fat Chance*, and *The Hacking of the American Mind: The Science Behind the Corporate Takeover of our Bodies and Brains*.

Get excited also for pre-conference workshops on probiotics, saliva screening, and Diabetes/PreDiabetes screening. Plus, Drs. Bale and Doneen will offer an entire educational day on cardiovascular disease prevention.

Our Scientific Session will set us up to be total health experts in our community, help us attract patients who value and spend resources on health, build co-referral relationships among all health professions and deliver research based tools to help our patients and loved ones achieve optimal health.

You won't want to miss this. We can't wait to see you there!

Susan Estep, DMD and Susan Maples, DDS



Susan Estep, DMD



Susan Maples, DDS









Xlear and Spry products are available at **xlear.com**, **sprysmile.com** and at these and other Natural Retailers.













– AAOSH.org –

LETTER FROM THE PRESIDENT

Welcome to Nashville and the 2019 Annual Session of our beloved American Academy for Oral Systemic Health, "World Leaders in Proactive Healthcare Collaboration"!

AAOSH exists to benefit all health professionals, and most importantly the millions of people worldwide, who will experience healthier, longer and happier lives through our COLLABORATION.

We are thrilled to join in collaboration with our wonderful colleagues from AAPMD, ACAM and AMOT. Our 2019 speaker lineup includes 5 tracks of impressive researchers and clinicians who will provide each of us with many new valuable insights, answers and tools to dramatically impact the health of our patients and communities. But, perhaps the greatest benefit, is found in connecting with like-minded colleagues, who share the same values of better health, joy in serving others, collaboration, and determination to create a true health care model, in a society struggling with widespread poor health. Together, history will remember us as game-changing difference makers!



Personally, I'm so grateful to be associated with such an amazing Academy, filled with selfless professionals, dedicated to changing the future of health care worldwide. My goal in life is to love the Lord and others, with all of my heart, mind, talent and energy... and to hang out with others who share those same goals. When we're together, I feel right at home!

Many, many thanks to our Program Chairs Dr. Susan Estep and Dr. Susan Maples, and our wonderful Executive Director, Bobbie DelSasso, for their tireless work to create a wonderful meeting. Please thank them! Thank you to our sponsoring partners, who provide valuable resources to help each of us implement what we are learning together. Please visit each exhibitor booth.

I'd like to dedicate this meeting to my mentor and practice partner since 1982, Dr. Pete Dawson (July 1, 1930-July 27, 2019). Pete influenced a whole generation of professionals to always ask, "Is there a better way?" If there is, that's what we must embrace and integrate into our personal lives and professional model of care. Thank you Pete, for your relentless pursuit of excellence, in a world so often characterized by "usual and customary". Your life served as a wonderful role model for us all, and for generations that will follow. Well done, good and faithful servant!

Enjoy every minute of this weekend- learning, growing, interacting, fellowshipping, and celebrating together, in the Capital of country music!

DeWitt Wilkerson DMD

Specially Prepared Meals

All the meals at our AAOSH events are prepared especially for us and by us, under the strict guidelines of our executive director for the benefit of bringing optimal health to our attendees and members. These aren't the typical hotel meals, and they do cost more to prepare and buy the ingredients. It is our goal to provide to our attendees the best ways to become and stay healthy and disease free, so they, in turn, can teach their patients.

We know this adds to the cost of participating at our events, but it's highly beneficial in helping you stay disease-free. At our annual sessions over the years, we have had many clinicians, noted physicians, and cardiologists correlate that food and prevention of disease go hand-in-hand. So, we do this to show you we "walk our talk" and how easy it is for all of you to eat correctly too. Eating correctly means eating a plant-based diet, rich in micro- and macronutrients and enzymes. Our specially prepared meals are:

- Free of bad fats, sugar and salt (within the confines of what the hotel can provide)
- Micronutrient complete and protein rich
- Anti-inflammatory
- Include life-extending phytochemicals and are plant based



Please enjoy all the food we have prepared especially for you, our friends, who are the first link in the chain of health for ourselves, our families, and our patients/clients. The ever-expanding AAOSH cookbook, to make these meals at home, can be found in the AAOSH Member Resource Library on <u>AAOSH.org</u>.

Take all the information home! Pre-order the digital recordings of the Scientific Session!

ORDER FORMS AVAILABLE AT AAOSH BOOTH 514

Pre-order the 2019 AAOSH Annual Scientific Session Digital Recordings for \$225. Camera icon denotes lectures that will be recorded and available in this set. Visit the AAOSH booth or AAOSH.org/store to order. You will be emailed an access link 6-8 weeks after the session.

Recording / Audio / Video / Photography Disclaimer

No personal audio or videotaping of the programs is permitted. Please be advised AAOSH has hired a professional company to videotape and photograph attendees, speakers, and exhibitors during the entire event. Video recordings of the Scientific Session presentations will be made available 6-8 weeks following the event and will be available to pre-order for discounted pricing during annual session. By attending the meeting, you consent to AAOSH's use and/or reproduction of, and the development of derivative works from your name, voice and or likeness in any and all formats, singularly or in conduction with other media or as part of a compilation advertisement including all media forms for the purposes of AAOSH. AAOSH will not be liable for any claims against you arising out of or otherwise associated with said use. Moreover, you understand and agree by participation in this meeting, you will not be entitled to any financial or other remuneration for said use, reproduction, or derivation by AAOSH.

CE ACCREDITATION

AAOSH is an Approved AGD PACE Program Provider. This annual session will provide up to 22 CE credits.

Each speaker will announce a course code at the end of their presentation. Please keep track of your individual codes for CE credits. They are for your records only for proof of attendance should

you be asked for that information. AAOSH will not be responsible for keeping track of them on an individual basis, except for AGD (dentists only) who have submitted their AGD numbers. AAOSH will submit your credits to AGD by year-end as required. You have available a Course Attendance Verification Sheet with the CE credits listed and space for tracking course codes in this program book.

NEW MEMBER / NEW ATTENDEE MEET AND GREET

All first time attendees this year have been paired with a mentor (if they agreed to one) to help them navigate the event and better understand what AAOSH is about. AAOSH will be hosting a "New Member/New Attendee Meet and Greet" on Saturday morning at 7:15am in Ryman Studio A,B, and C.

AAOSH BINGO

YOU HAVE MULTIPLE CHANCES FOR INCREDIBLE PRIZES OFFERED BY AAOSH SPONSORS.

- 1. Write your name on the BINGO card (in your AAOSH bag).
- 2. Visit each exhibitor and learn about their company/product/service.
- 3. Ask the exhibitor/sponsor to stamp your BINGO card.
- 4. After all spaces are stamped, bring card to AAOSH table.
- 5. Drawing is Saturday during last break and between final presentations. Must be present to win.



Visit us in Booth #111



The online tools, resources and supportive community you need to integrate wellness dentistry into your practice. WellnessDentistryNetwork.com





The American Academy for Oral Systemic Health is designated as an Approved PACE Orgam Provider by the Academy of General Dentisty: The formal continuing education programs of this program provider are accepted by the ACB or Fellowship Indestership and not imply acceptance by a state or provincal continuing acceptance by a state or provincal current term of approval extends from (7/1/2019) to (6/30/2022). Provider ID#354219

SCHEDULE

A collaborative parallel event - all attendees can go to ANY speaker! (Only AAOSH speakers will provide CE)





SATURDAY, OCTOBER 19



SCHEDULE



AAOSH	I Joint Exhibit Hall AAI	PMD AC	CAM AA	AMS Int. Me	ed Academy AAPN	/IS/ACAM/Int. Med	Academy/AAMS
A collaborative parallel meeting - all attendees can go to any speaker. (only AAOSH speakers will provide CE)							
7:00-7:45am	Coffee/tea in Exhibit Hall	7:00-8:00am		(Coffee/tea in Exhibit Ha	11	
7:45-8:05am	Welcome/Announcements	7:50-8:00am			tional Mindfulness Exer		
8:10-10:00am	inician Confidential: How industry	8:00-9:00am		Keynote Session 2	2: Three Simple Steps STASHA GOMINAK, MD	for Healthier Sleep	
	hacked the health professions ROBERT LUSTIG, MD	9:00-9:55am	Keynote Se	ession 3: Stealth Sou	rces of Oxidative Stro JOSEPH MERCOLA, DO		age Health
10:05-10:45am	Coffee and Exhibitor Break	10:00-10:45am		Co	offee and Exhibitor Br	eak	
10:50am- 12:00pm	Confessions of a Skeptic MICHAEL GLICK, MD	10:45am- 12:05pm	The Important Role of Hygienists as An Airway Advocate: Doing More for Your Office & Patients JULIA WORRALL, RN GINA PRITCHARD, DNP	Airway Sleep: The Medical Dental Col- laboration Part 1 CRISPIN SIMMONS, DDS GREGG JOHNSON, PT	An Integrative Harm Reduction Approach to Addiction ANDREW TATARSKY, PHD Beyond Detox CHRISTOPHER SHADE, PHD	Whole Person Heal- ing & Interdisciplin- ary Teamwork MARK ABRAMSON, DDS Gut Health ARIEL CAUSEY, BS, MSN, RN, FNP-C	Nursery Schools Specialized in Pedi- atric Myofunctional Therapy HIDEHIRO ABE, DDS The critical interde- pendence of neurode velopment, pharyn- geal morphology and myofunctional healtl in infancy MICHELLE EMANUEL, OT
12:15-1:10pm	Lunch	12:15-1:15pm	Lunch on Exhibit Floor				
2:20-3:10pm	Changing Your Words Can Change Your World - Communication Tips Introducing Wellness Concepts in Practice OUG THOMPSON, DDS, FAAMM, ABAAHP Building a Health Centered Team KEVIN KWIECIEN, DMD	1:15 - 3:10pm	Team Member Collaboration for Optimal Care A Legal Perspective GLENNINE VARGA KEN BERLEY, DDS	Airway Sleep: The Medical Dental Collaboration Part 2 Jerald Simmons, MD Steve Carstensen, DDS	5 Alpha Reductase in Men & Women Alan McDaniel, MD Autoimmune Encephalitis Elena Frid, MD	Advanced Labo- ratory Assessment and Interpretation ALLEN "BUDDY" GREEN, MD Patient Conver- sion KIM LOOK	Usefulness of Simpli- fied Tongue-tie Score in Decision Making fo Surgery YASUO ITO, MD, PHD Impaired pharyngea dilator muscle func- tion in OSA VENKATA KOKA, MD, FRCSED, DIU A case review
3:15-3:40pm	Exhibitor Break	3:15-3:45pm			Coffee on Exhibit Floor	· · · · · · · · · · · · · · · · · · ·	Katrina Rogers, (SLI
-	Dental Caries: A Simplified System	3:45-4:45pm	Keynote Session 4: The Importance of Collaboration				
-			n Keynote Session 4: The Importance of Collaboration STEVE ANDERSON				

ORAL SYSTEMIC HEALTH 9th Annual SCIENTIFIC SESSION						SATURDA	AY OCTOBER 19
AA	OSH Joint Exhibit Hall A	APMD	ACAM	AAMS	Int. Med Academy	AAPMS/ACAM/	Int. Med Academy/AAMS
A collaborative parallel meeting - all attendees can go to any speaker. (only AAOSH speakers will provide CE)							
7:00-8:00am	Coffee/tea in Exhibit Hall	7:00-8:00am			Coffee/tea in E	xhibit Hall	
8:00-8:50am	Great Guts - Live Life Well of	7:50-8:00am			Optional Mindful		
	UCHE ODIATU, DMD	8:00-9:00am		Ke	ynote Session 6: Airway S DAVID GOZAL, 1		
9:00-9:55am	The Art and Science of Desiging a Future of Choice for the Successful Oral	9:00-9:55am		Keynote	Session 7: Collaboration t Charles Whit		cline
	Systemic Practice of the 21st Century BOB FRAZER, JR., DDS, FACD, FICD	O 10:00-10:45am			Coffee and Exhi	bitor Break	
10:00-10:40am	Coffee and Exhibitor Break	10:45am- 12:20pm	Raising Healthy Children: Early Childhood Growth &	Frenums, Fascia	Calcium, Chelation & Aging DAVID STEENBLOCK, DO	Hormones Leigh Erin Connealy, MD	The Adverse Effects of Lack of Play on Airway and Oral Functions NICOLE ARCHAMBAULT, MS;
10:45am- 12:20pm	Airway and the Role of Orthodon- tics in Complete Health WILLIAM HANG, DDS		Development Part 1 Brian Hockel, DDS.; Ananda Chastain, MA, CCC-SLP; Duane Grum- Mons, DDS, MSD; Ben Miragela, DDS	& Physiology Part 1 Soroush Zaghi, MD Ron Hruska, PT	Medical Marijuana GREGORY SMITH, MD Mitochondrial Func- tion HAZEL SZETO, MD, PhD	The Heart Pound- ing, Spirited Journey of Cancer LISE ALSCHULER, ND	HILA ROBBINS, DMD Speech, Feeding, and Sleep Im- provements in Young Children After Tongue-Tie Release RICHARD BAXTER, DMD, MS
		12:30-1:45pm	Lunch on Exhibit Floor				
12:30-1:30pm 1:35-2:15pm	Lunch How to Extend the Warranty While Still Enjoying the Ride! BETSY BOARD-GUZZARDO, MD	1:45-3:25pm	Raising Healthy Children: Early Childhood Growth & Devel- opment Part 2 MARK ABRAMSON, DDS MIKE NELSON	Frenums, Fascia & Physiology Part 2 Sanda Val- cu-Pinkerton, RDHAP JEFF Hindin, DDS	Cutting Edge Tools and Techniques in Cancer Care LEIGH ERIN CONNEALX, MD Metabolic Drivers of Cancer LISE ALSCHULER, ND	Vibration/Fre- quency Therapies ARIEL CAUSEY, BS, MSN, RN, FNP-C Supplements for Overall Health and Wellness ALIEN "BUDY" GREEN,	Wellness through the power of the tongue Dr Yue WENG CHEU BDS (SGP), FRACDS (AUS), MJDF RCS (ENG); Rehabilitation of deglutition and nasal breathing by anoetic network, the underpinning principles of myofunctional therapy in practice PATRICK FELLUS, MD A Critical Need for a Novel Curriculum: Panel Discussion #1 MICHELLE EMANUEL; HIDEHARO ABE; RICHARD
2:20-3:10pm	How to take what you KNOW into what you DO MARY OSBORNE	2				MD Review/Case Study	BAXTER, DMD, MS; KATRINA ROGERS; DR YUE WENG CHEU BDS (SGP), FRACDS (AUS), MJDF RCS (ENG); PATRICK FELLUS, MD Research Priorities in Frenulum Surgery: Panel Discussion #2 YASUO ITO, MD, PHD; SOROUSH ZAGHI, MD; RICHARD BAXTER, DMD, MS; DR YUE WENG CHEU
3:10-3:50pm	Exhibitor Break						BDS (SGP), FRACDS (AUS), MJDF RCS (ENG); Patrick Fellus, MD
3:55-5:15pm	The Integration Checklist - Does your office have one? DEWITT WILKERSON, DDS	3:30-4:00pm 4:00-5:00pm 5:00-6:00pm	Keynote Session 8: Quality Sleep, Team Sleep and Hypoglossal Nerve Stimulation KEVIN GERSTEN, MD, PHD				



PRE-CONFERENCE WORKSHOPS Thursday, October 17



8:30am-4:30pm THE BALEDONEEN METHOD: A DAY OF CV PREVENTION! Thomas Nabors, DDS; Bradley F. Bale MD; Amy L. Doneen DNP ARNP

COURSE DESCRIPTION

The BaleDoneen Method[®] Preceptorship is generally held as two-day course teaching health care providers necessary measures to prevent heart attacks, ischemic strokes and type 2 diabetes. This intensive two-day presentation uses an interactive format for CV prevention. Continually updated literature and sound, measurable, evidence-based science and peer-reviewed journals are utilized in this dynamic method of prevention that applies research directly to the clinical setting. You will return to your practice with clinical tools to help you implement what you've learned about optimal care and CVD prevention.

This mini-preceptorship workshop will give you a full day immersion in the BaleDoneen Method and welcomes all medical providers (MD, DO, NP, PA, PharmD, etc.) as well as all dental providers who are interested in patient wellness, the prevention of heart attacks, ischemic strokes and diabetes. The BaleDoneen Method[®] was co-founded by Bradley Bale, MD and Amy Doneen, DNP, ARNP, for the prevention of heart attacks, ischemic strokes and diabetes. The BaleDoneen Method is designed to improve and save lives and is being integrated into practice by medical and dental providers on a global basis.

LEARNING OBJECTIVES

- 1. The BaleDoneen Method challenges the current standard of care by proposing a disease treatment paradigm rather than a risk factor paradigm
- 2. Learn the six basic elements to the BaleDoneen Method
- 3. Learn how to prevent the three health care issues

BIOS

Dr. Nabors has lectured extensively for many years to numerous universities, state, national meetings, and groups on the subjects of the Oral / Systemic Link, Molecular Diagnostics, and the practical application of Periodontal Medicine relative to heart attack and stroke prevention. For the past decade, he has worked with both the oral medicine and general medicine worlds in creating a working model whereby oral health professionals can be more involved with chronic diseases both in screening and managing these patients. Among his topics today include: Oral Pathogens, Genetics, and Inflammation: The Oral Links to Heart Attacks, Ischemic Strokes, and Diabetes and "Hard-Wired" to Live Younger Stronger and Longer. His interest in microbiology, genetics, and molecular diagnostics spans over 37 years. His experience in the clinical application of DNA-PCR (nucleic acid) tests and the founder of the first molecular diagnostics related to molecular diagnostics, its clinical application, and the use of whole saliva as a diagnostic platform. Dr. Nabors saw the need many years ago for earlier and more accurate diseases detection and management for periodontal infections and how they related to systemic inflammation and chronic disease states. And, with the advancement of molecular diagnostics in medicine, he founded Oral DNA Labs, Inc. with the help of an experienced team in 2008. Today, however, he has no financial interest his most treasured achievement reward as being recognized for the Dr. Lloyd Rudy, M.D. Leadership award at the AAOSH annual meeting in 2014.

Bradley Bale, M.D. is an Adjunct Professor at Texas Tech Health Science Center, Medical Director of the Heart Health Program at Grace Clinic, Lubbock, Texas and runs a private practice in Gallatin, TN. Dr. Bradley Bale is one of the nation's leading specialists in preventing heart attacks, stroke and diabetes. He co-founded the Bale/Doneen Method with Amy Doneen in 2001. Their personalized approach of CV risk reduction has been effective enough to allow them to attach a 'guarantee' to their clinical practices. The results of their method demonstrating regression and stabilization of arterial disease has been published in several peer-reviewed journals.

Amy L Doneen, DNP co-founded the Bale/Doneen Method and the Heart Attack & Stroke Prevention Center. She is a principal instructor in the Bale/Doneen Method, training other medical, dental and healthcare providers across the country. She is the owner and medical director of the sought-after private clinical practice in Spokane, Washington; The Heart Attack & Stroke Prevention Center, which serves patients from all over the world. Dr. Doneen is one of the nation's leading specialists in preventing heart attacks, stroke and diabetes. She is co-author of the bestselling book, Beat The Heart Attack Gene.



8:30-11:30am **PROBIOTICS: THE GOOD, THE BAD, AND THE UGLY** Mark Cannon, DDS | Sponsored by: ProBiora

Rоом Canal C

COURSE DESCRIPTION

Probiotics by definition are "live bacteria that confer a health benefit upon the host". The concept of probiotic bacteria has been understood since 1907, but the practice of fermenting food and beverages is thousands of years old. Indeed, agriculture and then civilization, evolved around fermented beverages. Many thousands of scientific articles have been published confirming the benefits of probiotics. Then why aren't probiotics universally accepted? There are more than a few reasons, some revolving around the unfortunate circumstance that many probiotics on the market are worthless, not even the correct species let alone a beneficial strain, others are cautious due to the few seemingly negative reports, and then we have those that just can't accept the fact the bacteria are important in health, let alone control our behavior. This presentation will provide the attendee a complete overview of probiotics in health and especially in regards to oral health and the oral systemic link. Oral probiotic products from a number of reputable companies will be discussed, along with their supporting research. The attendee will be able to explain the history of probiotics, the research supporting their role in health, and implement probiotics into an office protocol.

LEARNING OBJECTIVES

- 1. Understand the rationale supporting the health benefits of probiotics
- 2. Understand the mechanism for boosting the immune system
- 3. Recognize "research" with hidden agendas
- 4. Be able to implement the probiotic protocol best suited for their practice

BIO

Mark L. Cannon received his Doctorate of Dental Surgery from the University of Nebraska and then attended Northwestern University for his Masters of Pediatric Dentistry. He completed his residency at Children's Memorial Hospital and received his Diplomate status by the American Board of Pediatric Dentistry. He is a past president of the Illinois Society of Dentistry for Children, a Professor of Otolaryngology, Division of Dentistry at Northwestern University, Feinberg School of Medicine, and a member of the International Asso-



ciation of Pediatric Dentistry. In addition to maintaining a large private practice in the suburbs of Chicago, he is the Research Coordinator of the residency program at Ann and Robert Lurie Children's Hospital, Chicago, Illinois. Dr. Cannon has presented guest lectures at the University of Athens, Greece, Sao Paulista State University, UNESP, Aracatuba, Brazil, University of Texas- Houston, University of Alabama-Birmingham, and at the University of Illinois, Chicago, Department of Pediatric Dentistry.

8:30-11:30am **DIABETES DETECTION IN THE DENTAL OFFICE** Susan Maples DDS and Cole Davis

Room Canal D

COURSE DESCRIPTION

Evidence suggests that active periodontal disease is the first clinical manifestation of Diabetes. Given the bi-directional relationship between periodontal disease and undetected diabetes—each making the other worse—it's critical that we detect diabetes chairside BEFORE we render a periodontal treatment plan.

Given there are 30.2 million Americans with diabetes, 7.2 million with undiagnosed diabetes and 86 million in the pipeline with pre-diabetes, the time is right for dentistry to help. This workshop will give you everything you need to know for identifying high risk individuals and completing HbA1C analysis chairside, next Monday morning.

LEARNING OBJECTIVES

- 1. Pinpoint risk factors and identify high-risk individuals who need A1C testing in your office.
- 2. Build hands-on skills to complete finger-stick chairside A1C testing and responsibly share results with a co-referral team of physicians in your community.
- 3. Learn best practices to manage uncontrolled hyperglycemia with periodontal therapy including salivary diagnostics, antibiotic coverage and collaboration with the patient's medical professional(s) toward glycemic control.

BIO

Dr. Susan Maples leads a successful, total health, insurance-independent dental practice in Holt, Michigan. She brings preventive and restorative dental expertise, a passion for mouth-body total health, a master's degree in business/marketing, and 30+ years of experience in private practice. She is the creator and founder of Total Health Academy, a complete online solution for dental teams to integrate all aspects of Total Health Dentistry, author of *BlabberMouth!* 77 Secrets Only Your Mouth Can Tell You To Live a Healthier, Happier,



Sexier Life, developer of the Hands-On Learning Lab[™] and SelfScreen.net. Susan currently serves on the Governing Board of the American Academy of Oral Systemic Health (AAOSH).

Cole Davis is a Corporate Accounts Director at PTS Diagnostics, a point-of-care solutions provider focused on improving patient outcomes through the management of cardiometabolic disease states. His focus is primarily on dental health, specifically efforts to integrate the oral cavity back into the human body. PTS Diagnostics recognizes the immense impact that dentistry has on population health via early identification with point-of-care A1C testing.



8:30-11:30am

GOOBERS OR GOLD: WHAT CAN SALIVA SAY ABOUT YOU? Canal B Erinne Kennedy DMD, MPH, MMSc | Sponsored by: ARKRAY

COURSE DESCRIPTION

Designing an office that can create and sustain oral wellness is a goal of many healthcare providers. Using innovative salivary technology, clinicians can identify markers for oral wellness through non-invasive means. Not only can these indicators screen for disease risk, patient health behaviors and therapies can be targeted and tracked to further motivate behavior change and refine treatment.

LEARNING OBJECTIVES

- 1. Identify 7 indicators for oral wellness present in saliva.
- 2. Use chairside screening to measure oral wellness and promote healthy patient behaviors.
- 3. Critically evaluate patient cases, and design preventive treatment plans to address the patients unique risk factors.

BIO

Dr. Erinne Kennedy is an Ohio State University graduate and comes from Middleport, Ohio. She graduated from the Nova Southeastern University's College of Dental Medicine in 2015. Dr. Kennedy loved everything about dental school, especially being involved in organized dentistry. While in dental school she was involved with ASDA (American Student Dental Association) as a local vice president, and national contributing editor. After dental school Erinne attended a



ROOM

one-year general practice residency at the VA Hospital in Baltimore, MD. Erinne has a passion for community health, and is board certified in public health dentistry after completing a residency at the Harvard School of Dental Medicine (HSDM) in 2018. In May 2019, she graduated as the pioneer student at HSDM with a Master of Medical Science in dental education. She currently practices at the Alliance Dental Center, a dental office focused on wellness, in Quincy, MA.

She is a contributing editor for Dental Economics, and on the Junior Editorial board for Dental Entrepreneur Women (DeW). Dr. Kennedy's professional affiliations include: The American Dental Association, The American Association of Public Health Dentistry, The Massachusetts's Dental Association, and The Academy of General Dentistry.



Put your practice on the map.

A 5-minute salivary screening can provide important insights into your patient's oral health risks.

Why chairside screening?

✓ Noninvasive✓ Safe

- ✓ Quick ✓ Real-time
- ✓ Economical✓ Objective

Booth

#112

Receive one box of test strips for \$0 when you purchase your first box of test strips

Oral Wellness System



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1:30-4:30pm BREAKTHROUGHS IN IMPROVING ORAL HEALTH OUTCOMES USING **BOTANICAL & NUTRITIONAL THERAPIES** Canal B Barbara Tritz RDH, BS, MSB | Sponsored by: Bio-Botanical

COURSE DESCRIPTION

Many things have changed since hygiene school, assumptions we made, things we just don't know, or research that's changed. It's time to "Up Your Game".

Infection and endotoxins from biofilms in the oral cavity and GI tract play a large role in far reaching health concerns and contribute to or directly cause systemic inflammation. Autoimmune disorders, neurological conditions, heart disease, chronic fatigue/fibromyalgia syndromes, diabetes, and others are just some conditions directly impacted by pathogens. Historically, biofilms have been difficult to address with conventional medicine, but research into plantbased approaches have demonstrated great success.

Seeing is believing, we'll look at plaque biofilm pathogens through the lens of a phase contrast microscope and talk about how a biological dental office addresses the pathogens differently, utilizing ozone and other botanicals.

We'll also review nutrition, decay, gut health, and all things airway: chewing, recession, swallowing, snoring and sleep apnea. As dental professionals, we need to look beyond teeth to see the mouth and its oral systemic connections. Health starts in the oral cavity. This fast-paced course will provide many useful clinical nuggets to help see your patients in a new light. Dental health care rather than disease care should be our goal.

LEARNING OBJECTIVES

- 1. Discuss the relationship between gut dysbiosis, biofilms, periodontal disease, and caries
- 2. Identify many oral-systemic connections to chronic issues
- Better understand the root causes of tooth decay
- Share new and helpful dental health facts with patients to improve their oral hvgiene
- 5. Utilize effective tools and botanicals to not only analyze, but also support, a healthy oral microbiome

BIO

Barbara Tritz RDH, BS, MSB is a registered dental hygienist with over 40 years of clinical experience. She practices in the office of Green City Dental in Edmonds, Washington. She is also owner of Washington Oral Wellness in Kirkland, WA and is a practicing orofacial myofunctional therapist. She is a guest lecturer and paid dental hygiene consultant. Barbara received



ROOM

her dental hygiene degree from Onondaga Communi-ty College, a Bachelor of Science in dental auxiliary teacher education from the University of North Carolina, Chapel Hill and a Master of Science in business from Husson University in Bangor Maine. She continued her training in myofunctional therapy from the Academy of Orofacial Myofunctional Therapy in Los Angeles. She's a mother of two lovely young ladies, and wife of Tom. In her spare time, she loves reading, traveling, and talking with other dental geeks.

1:30-4:30pm **POLYOLS IN PREVENTIVE DENTISTRY** Mark Cannon, DDS | Sponsored by: Xlear

ROOM Canal C

COURSE DESCRIPTION

Polyols are sometimes referred to as "sugar alcohols" which makes them sound like a "rum and coke". Nothing could be more mis-leading, as these naturally produced sugars (even human cells make small amounts) help regulate the microbiome. Xylitol and erythritol have been demonstrated in many studies to benefit oral health, but research into the microbiome of hunter-gatherers proves that the polyols have many more benefits that just oral. This presentation will discuss the over-all health benefits of polyols and the many mis-conceptions commonly expressed. A review of all the polyol products, their applications, and how to successfully integrate the products into a prevention centered practice will be discussed.

LEARNING OBJECTIVES

- Understand the history of polyols and how they first were introduced 1.
- 2. Recognize the role of polyols in gut protection and epigenetics
- Be able to utilize xylitol and erythritol products in dental prevention 3.
- 4. Educate patients as to good choices in dental care products for children

BIO

Mark L. Cannon received his Doctorate of Dental Surgery from the University of Nebraska and then attended Northwestern University for his Masters of Pediatric Dentistry. He completed his residency at Children's Memorial Hospital and received his Diplomate status by the American Board of Pediatric Dentistry. He is a past president of the Illinois Society of Dentistry for Children, a Professor of Otolaryngology, Division of



Dentistry at Northwestern University, Feinberg School of Medicine, and a member of the International Association of Pediatric Dentistry. In addition to maintaining a large private practice in the suburbs of Chicago, he is the Research Coordinator of the residency program at Ann and Robert Lurie Children's Hospital, Chicago, Illinois. Dr. Cannon has presented guest lectures at the University of Athens, Greece, Sao Paulista State University, UNESP, Aracatuba, Brazil, University of Texas- Houston, University of Alabama-Birmingham, and at the University of Illinois, Chicago, Department of Pediatric Dentistry.

AM Workshop

Action Steps/Notes

PM Workshop

Action Steps/Notes

EVENT SPEAKERS

Friday, October 18 (all AAOSH presentations in Delta D Ballroom)



FRIDAY EVENT SPEAKERS

8:10-10:00am

CLINICIAN CONFIDENTIAL: HOW INDUSTRY HACKED THE HEALTH PROFESSIONS Robert Lustig, MD

COURSE DESCRIPTION

Mountain Dew Mouth has been the scourge of dentists for decades. Dental caries are the greatest single cause of craniofacial pain. But there's a new dis-ease which affects even more people: Mountain Dew Liver. Non-alcoholic fatty liver disease (NAFLD). wasn't even discovered until 1980; and now up to 1/3 of Americans suffer from it. Especially children - 13% of autopsies in children show NAFLD; and 38% of obese children.

Both tooth decay and non-alcoholic fatty liver disease rates have been increasing. And excessive sugar consumption explains both. It's a popular misconcep-tion that glucose can cause cavities. Not true; glucose polymerizes on the teeth and forms a "biofilm" which actually protects the tooth from decay. This is why cavemen didn't get cavities.

Glucose also doesn't cause NAFLD. Only 20% of the glucose consumed finds its way to the liver, and the overwhelming majority of that glucose is turned into glycogen (liver starch), which is not dangerous. It's the fructose moiety of the sugar molecule that causes both diseases.

Fructose doesn't contribute to the mouth biofilm. It is metabolized by the mouth bacteria into lactic acid, which burns a whole right through the biofilm and through the tooth. And fructose in the liver gets turned into fat in the mito-chondria, which drives NAFLD, which is the leading cause of liver transplanta-tion now, surpassing alcohol. And yet who is most susceptible to both diseases? Children, because they are the biggest sugar consumers. Physicians and dentists must be united in supporting public health measures to reduce chronic disease.

LEARNING OBJECTIVES

- To tie oral health and systemic health together by looking at common metabolic insults
- To demonstrate that sugars are not equivalent in terms of oral and systemic 2.
- pathology To identify the dietary causes of fatty liver disease and type 2 diabetes 3.

BIO

Robert Lustig AAOSH 2019Robert H. Lustig, M.D., M.S.L. is Emeritus Professor of Pediatrics in the Divi-M.S.L. Is Emeritus Professor of Pediatrics in the Divi-sion of Endocrinology, and Member of the Institute for Health Policy Studies at UCSF. Dr. Lustig is a neuro-endocrinologist, with expertise in metabolism, obesity, and nutrition. Dr. Lustig graduated from MIT in 1976, and received his M.D. from Cornell University Medical College in 1980. He also received his Masters of Studies in Law (MSL) degree at University of California. Hast-



Conege in 1960. He also received his Masters of Studies in Law (MSL) degree at University of California, Hast-ings College of the Law in 2013. He is the author of the popular books Fat Chance (2012), and The Hacking of the American Mind (2017). He is the Chief Science Officer of the non-profit Eat REAL, on the Advisory Board of the Center for Humane Technology, and Chief Medical Officer of BioLumen Technologies.

10:50am-12:00pm **CONFESSIONS OF A SKEPTIC** Michael Glick, MD

COURSE DESCRIPTION

With a never ending onslaught of scientific information from multiple sources oral health professionals need to become more integrative and critical thinkers. Patients will also have access to up-to-date medical information and challenge their oral health care provider to use this information for their benefit. This presentation will show how published data cannot always be relied upon, and highlight how to interpret, challenge and use published information.

LEARNING OBJECTIVES

- 1. Interpret outcomes from different research designs
- 2. Understand how authors present their data
- 3. Use the literature for the benefit of patients

BIO

Michael Glick is Professor, School of Dental Medicine, University at Buffalo, State University of New York.

Dr. Glick has authored more than 300 publications, including original research articles, edito-rials, and book chapters, and has written, edited and co-edited 8 text books. Dr. Glick chaired the



FDI World Dental Federation's Strategic Plan in 2012; is co-chair for FDI's Vision 2020 Think Tank; and is the FDI World Dental Federation's representative to the Non-Communicable Diseases Alliance. Dr. Glick has received numerous awards for his writings and community engagement, and is past-President of the American Board of Oral Medicine; immediate past Dean, School of Dental Medicine, University at Buffalo; and serves since 2005 as the Editor-in-Chief of The Journal of the American Dental Association.

1:15-2:15pm Changing Your Words Can Change Your World: Communication Tips on Introducing Wellness Concepts in Practice

Doug Thompson, DDS, FAAMM, ABAAHP

COURSE DESCRIPTION

As passionate healthcare providers we want to share our knowledge with our patients about how they can be healthier. For dental and medical providers, we are becoming more informed about how dental conditions, or conditions in the mouth, relate to overall wellness. In dentistry, personalized periodontal medicine is one of our main areas of expertise. Communicating the concepts around the oral health to overall health relationship can be challenging if we are unsure of our communication skills. Even if we are communicating well, perhaps there are tips or tricks we can learn to help us communicate better. This presentation is about sharing some of the communication strategies and the words to use that can create great change for our patients and our practice.

LEARNING OBJECTIVES

- 1. Introduce communication concepts to prepare your patients to hear your message.
- 2. Show examples of "how you say things" to create importance of the message.
- 3. Discover how to quickly gauge interest level to discover those that may be the most interested in making health changes.
- 4. Outline some simple statements related to the five key diagnostic parameters in periodontal medicine.

BIO

Dr. Thompson began his dental career at age eighteen, working as an in-house laboratory technician. He graduated from University of Michigan School of Dentistry in 1996 and then completed a one-year hospital-based V. A. Residency In 1997. He then bought an established private practice in Bloomfield Hills, Michigan, and continues to practice there today under the practice name, Integrative Oral Medicine.



Dr. Thompson has completed hundreds of hours of

continuing education at the Kois Center in Seattle, Washington, directed by Dr. John Kois. In 2015 he was offered and accepted a part time faculty position teaching about Personalized Periodontal Medicine. In 2016, he added the Wellness Dentistry topic to his teaching role.

In addition to his dental training, Dr. Thompson completed a Fellowship in Anti-Aging and Regenerative Medicine through the American Academy of Anti-Aging, Regenerative and Functional Medicine. He has published professionally, and in 2015 Dr. Thompson founded the Wellness Dentistry Network, a community of dentists with a keen awareness of how oral conditions affect whole body health.

2:20-3:10pm BUILDING A HEALTH CENTERED TEAM Kevin Kwiecien, DMD

COURSE DESCRIPTION

Are you a dentist that values health? Do you want to help your patients move towards health? Do you want to have a team that values health? If you have an interest in clarifying what your vision of health looks like or how you can help your patients better understand what optimal might look like for them, this AAOSH session is for you. The critical component needed to achieve this is to create and utilize a health-centered team. This course will outline a systematic approach to help the dentist build a health-centered team, with intention, that will be inspired to help your patients move towards optimal health by creating a plan that is appropriate for each patient.

LEARNING OBJECTIVES

- 1. How to intentionally create a co-discovery dental team for a congruent patient experience
- 2. Develop individualized transparent systems to support predictable clinical office flow
- 3. Review key clinical data that the entire team can understand to support consistent treatment planning
- 4. Understand how to create a message to help every patient feel safe to move towards appropriate health

BIO

Dr. Kwiecien graduated from Oregon Health and Science University School of Dentistry in 1995 and holds a master's degree in healthcare administration. He has more than 25 years of private practice experience with most of those years overlapping in academia. Before joining Spear Education as a full-time faculty memeber from 2014 - 2017, Dr. Kwiecien served as assistant professor of restorative dentistry at Oregon Health and Sciences University School of Dentistry where his roles included director of the university's faculty dental practice, director of patient admissions, and director of the urgent care clinic, as well as course director of pre-clinical fixed prosthodontics and co-course director of advanced restorative concepts for third- and fourth-year students. As a member of the Spear



resident faculty, Dr. Kwiecien served as director of Spear Online, responsible for creating and overseeing digital clinical content. He taught several of the hands-on workshops and practiced as a member of the Spear faculty practice.

He has over a decade of national and international lecturing and workshops, with topics ranging from dental team building to dental practice systems, comprehensive digital dentistry, dental sleep medicine, appliance therapy, systematic treatment planning, occlusion in the restorative practice, and many more. Dr. Kwiecien's appreciation for and dedication to high-level continuing education began with Dr. Frank Spear in 2001. Shortly thereafter, he completed the curriculum at the L.D. Pankey Institute. He belonged for several years to a Tucker Gold Study Club and has many additional accomplishments, including a fellowship in the Academy of General Dentistry, where he also served as President of the Oregon Academy of General Dentistry. He also maintains memberships in several organizations, including the Academy of General Dentistry, American Equilibration Society, and the American Academy of Dental Sleep Medicine, to name a few. Dr. Kwiecien is an adjunct faculty member at Western University of Health Sciences College of Dental Medicine directing the practice management curriculum. He also serves as faculty member at the L.D. Pankey Institute and dedicates the majority of his time as the owner of K Squared Facilitation and Dental Education, facilitating long-term health for the practice, team, and patient.

FRIDAY EVENT SPEAKERS

3:50-5:20pm Dental Carries: A Simplified System for a Complex Disease V. Kim Kutsch, DMD

COURSE DESCRIPTION

Dental caries is a complex biofilm mediated disease, significantly influenced by pH, and results in net mineral loss from the teeth. Current research indicates there are multiple known risk factors for the disease including genetic factors. Caries management by risk assessment is considered best practice in the prevention and treatment of dental caries disease and represents a medical model approach. Unfortunately, early attempts at caries management were complicated, confusing and not easily implemented in daily practice. This program will review the most current scientific literature on caries management and present a simplified approach that is both efficient and effective in clinical practice. In summary, the program will help the participant answer the questions: How can I successfully implement caries manage this disease?

LEARNING OBJECTIVES

- 1. Upon completion, participant will be able to discuss the current dental caries biofilm disease model.
- 2. Upon completion, participant will be able to describe different caries management strategies including coaching language.
- 3. Upon completion, participant will be able to implement a simple caries management system.

BIO

Dr. V. Kim Kutsch received his undergraduate degree from Westminster College in Utah and then completed his DMD at University of Oregon School of Dentistry in 1979. He is an inventor holding seventeen patents in dentistry, product consultant, internationally recognized speaker, is past president of the Academy of Laser Dentistry, and the World Congress of Minimally Invasive Dentistry. He also has served on the board of directors for the World Clinical Laser Institute and the American Academy of Cosmetic Dentistry. As an



author, Dr. Kutsch has published over 100 articles and abstracts on minimally invasive dentistry, caries risk assessment, digital radiography and other technologies in both dental and medical journals and contributed chapters to numerous textbooks. He coauthored Balance, a textbook on dental decay with 100,000 copies in print, and wrote the Rough World series, a young adult science fiction trilogy. He acts as a reviewer for several journals including the Journal of the American Dental Association and Compendium. Dr. Kutsch also serves as CEO of Dental Alliance Holdings LLC, manufacturer of the Carifree system, and Remin Media. As a clinician he is a Graduate, Mentor and Scientific Advisor of Dental Caries at the prestigious Kois Center. Dr. Kutsch maintains a private practice in Albany Oregon.

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EVENT SPEAKERS

Saturday, October 19 (all AAOSH presentations in Delta D Ballroom)



8:00-8:50am GREAT GUTS - LIVE LIFE WELL Uche Odiatu, DMD

COURSE DESCRIPTION

Do Your Patients Have the Guts to Enjoy Oral Health? Do your patients have the guts to douse the flames of inflammation? Our patient's gut flora make very powerful anti-inflammatory agents when fed key nutrients. Learn what impacts gut integrity: antibiotics, jet lag, fast food, artificial sweeteners & what we dental pros can do! The latest science from the National Institute of Health shows the microbiome impacts overall health as much as our genes. Dental industry people are the key professionals to ensure optimum functioning of the masticatory system. Attend this insightful session & enjoy a novel path to lower patients' inflammatory burden.

LEARNING OBJECTIVES

- 1. Gain insight into the science of the human microbiome
- 2. Learn why NEW findings about your patients' gut flora are shaking the very foundation of health care & nutrition
- 3. Understand why the dental professional is perfectly positioned to help ALL people live more vibrant lives NOW
- 4. Discover the foundational role of your patient's gut integrity & inflammation

BIO

Dr. Uche Odiatu is the author of *The Miracle of Health*, a professional member of the American College of Sports Medicine and a practicing dentist in Toronto. This busy dad of four is an NSCA Certified Personal Trainer and has lectured in England, Canada, the USA, the Bahamas, Denmark, Bermuda and Norway. www.DrUche.com



9:00-9:55am The Art and Science of Designing a Future of Choice for the Successful Oral Systemic Practice of the 21st Century Bob Frazer, Jr., DDS, FACD, FICD

COURSE DESCRIPTION

The practice of true fee for service, oral systemic dentistry in today's turbulent, competitive environment has never been more challenging or more promising. Managing today's practice while also functioning as the chief producer is analogous to riding a bicycle on a cobblestone street. The very act requires so much energy and attention that little is left for deciding where you really want to go.

This program takes the wealth of information used by professional business strategists working with the most excellent and profitable companies in the world and adapts it to your dental practice. Dr. Bob Frazer is recognized as the foremost authority in Applied Strategic Planning in dentistry today. For over 38 years he's worked with numerous academies, associations, dental schools and hundreds of private practices across North America helping them to become strategic thinkers achieving higher levels of success with significance. Applied Strategic Planning was the key to the top 2% health-centered practice he and his team built in Austin, Texas.

LEARNING OBJECTIVES

- 1. Applied Strategic Planning (No non-sense, action oriented, results rule!)
- 2. Integrating Life & Life's Work...
- 3. Lessons from Bob Barkley & early pioneers of Health-centered dentistry
- 4. Harnessing The Power of Vision
- 5. Mission You must know Why!
- 6. 7 Parameters for The Thriving Óral Systemic 21st Century Practice
- 7. Choose Your Patients, Narrow Your Focus, Dominate Your Market The Strategic Business Plan
- 8. Workable Goals and Objectives
- 9. Creating 'Ownership' for a Highly Committed Steward Dental Team
- 10. LOB's Accelerating Profitability
- 11. How to Make Execution Much Éasier

BIO

Dr. Bob Frazer is an innovative thought leader in the world of dentistry. He has been a sought-after speaker, coach and consultant for dentists and their organizations for 38 years. He's given over 1,000 presentations and workshops across North America, Europe and Asia... and is a member of the National Speakers Association.

He built a practice in the '70's that offered comprehensive dental care to support total health including nutritional analysis and counseling, myofunctional therapy and biofeedback. Today he and his firm R. L Frazer & Associates, offer dentists a range of transformational services including: Applied Strategic Planning, Performance



Coaching, growing Emotional Intelligence, the Transformational New Patient Experience, Hiring High and Growing Achievers, Wilderness Leadership Adventures and a National Study Club. He helps dentists realize lives of balance, fulfillment and significance while he shows them how to make comprehensive, restorative dental practices not only health-centered, highest-quality, truly remarkable and also highly profitable. He removes barriers to people's potential providing proven models, principles and processes from which they can design and build a preferred future.

10:45am-12:20pm AIRWAY AND THE ROLE OF ORTHODONTICS IN COMPLETE HEALTH William Hang, DDS

COURSE DESCRIPTION

The ADA mandated that dentists screen for airway and breathing problems. What do we do when we discover a patient has these problems? Are there orthodontic treatments that can improve someone's airway? Are there orthodontic treatments that should be avoided?

LEARNING OBJECTIVES

- The unique inter-relationship between poor facial balance, lack of tongue space, and poor airways
- 2. Both jaws can be developed forward to optimize the airway in young children
- Crowding can be resolved without extraction and with no retraction for teens and adults which preserves tongue space/airway
- Re-opening previous orthodontic extraction spaces often enhances the airwav
- Orthognathic surgery which advances both jaws can produce physiologic 5. changes which may produce astounding long term health benefits

BIO

After completing his orthodontic training at the University of Minnesota, Dr. Hang joined the faculty there to teach orthodontics. He later established an orthodontic practice in rural Vermont. After practicing traditional orthodontics for 7 years, he saw serious lim-itations in esthetics and function with the traditional approach to orthodontics.



In 1981 Dr. Hang embarked on a continuing educa-tion odyssey which has so far taken him to 50 states

and over 30 foreign countries in a quest for a better way to do orthodontics. In the process he moved to South-ern California and developed a truly unique orthodontic practice with strong emphasis on facial esthetics achieved with innovative early treatment and adult treatment. More than 20 years ago he became aware of the significant positive affect some of his treatments were having on the airway. This opened up a whole new aspect of orthodontics - maximizing the airway for ALL orthodontic pa-tients and specifically treating patients with SDB (sleep disordered breathing) or OSA (obstructive sleep apnea).

Having been reopening previous extraction spaces since 1989, Dr Hang recognized a syndrome he named Extraction Retraction Regret Syndrome^{Tractore} or E.R.R.S.^{<math>Tractore}</sup></sup>

Dr. Hang's approach to orthodontics is a result of blending the best ideas from the best practitioners. He has spoken on orthodontics, facial esthetics and airway locally, nationally, and internationally and appeared on the British equiva-lent of "Sixty Minutes". He was the Founding President of the North American Association of Facial Orthotropics[®], is a board member of the American Associ-ation of Physiological Medicine and Dentistry, and is an advisor to the Academy of Orofacial Myofunctional Therapy.

1:35-2:15pm How to Extend the Warranty While Still Enjoying the Ride! Elizabeth (Betsy) Board, MD

COURSE DESCRIPTION

Nothing can be more frustrating than burnout, illness, and disability after giving so much to our professions. This presentation will teach you the science based and practical concepts of a systems biology approach that can enhance and protect our vitality as professionals but also as human beings with a desire for the fulfillment of what we want most from life.

We have seen this happen; after working passionately to achieve the highest level of care for our patients, we often neglect the simple foundations of health and longevity required to enjoy the fruits of our labors. As professionals in the healthcare industry, we are at exceptional risk, but so are all our patients who are over committed and overextended.

LEARNING OBJECTIVES

- 1. Learn to leverage the power of the six modifiable lifestyle factors.
- 2. Comprehend the meaning of "diversity confers stability" and how this applies to health.
- 3. Recognize the interconnectivity of all the organ systems using a functional medicine approach.
- Understand how a personalized and precise plan can enhance patient out-4. comes.

BIO

Elizabeth (Betsy) Board, MD is the founder of Atlanta Functional Medicine located in Alpharetta Georgia. Originally she trained and became board certified in Anesthesiology, but also completed fellowships in Obstetric Anesthesia at Emory and Pain Medicine at Stanford University.



After leaving a faculty position at Stanford to return to Atlanta where she practiced as a Board Certified Pain Management Physician, Dr. Board developed an inter-

est in alternative methods of bringing about pain relief without placing patients on large doses of drugs that lead to dependence or cause sedation. This led her to acupuncture and Functional Medicine. She is the second physician to become certified in Functional Medicine in Georgia. She is also certified through the American Board of Holistic and Integrative Medicine. Currently, she serves The Institute for Functional Medicine as a Mentor and as a Facilitator for physicians in training. Recently, she was chosen to teach functional medicine approaches to Chronic Pain and PTSD to the physicians of the Armed Forces.

Contributing editor for two books The Alternative Source Book: Kids, 2015 and The Alternative Sourcebook: Pain Relief, 2015.

2:20-3:10pm How to take what you KNOW into what you DO Mary Osborne

COURSE DESCRIPTION

Patients come to us in various stages of awareness regarding their current conditions. Awareness leads to ownership which leads to an interest in change. In dentistry we have been known to give people solutions to problems they do not yet own. It is rarely effective.

Instead of teaching and telling, we can learn to engage our patients Physically, Mentally, and Emotionally. We can support them in accepting the loss of a measure of health, and partner with them in creating a future of choice. In this program participants will learn practical skills, scientifically based, that will inspire patients to move toward higher and higher levels of health.

LEARNING OBJECTIVES

- 1. How to close the gap between what your patients think they want from you and what you know you can do for them
- 2. Questions designed to help you address difficult situations with confidence and clarity
- 3. How to build long term relationships to help patients make healthy choices, rather than nagging them into compliance

BIO

Mary Osborne has worked in dentistry for over forty years as a clinical hygienist and patient facilitator. She brings to her work enthusiasm, intelligence, humor, and a deep commitment to personal and professional growth.



Mary is known internationally as a consultant, writer, and producer of programs for Mary H. Osborne, Resources in Seattle. She has served as

visiting faculty for the Pankey Institute, spoken extensively to national and international organizations, and her writing appears in national dental publications. Her programs are designed to challenge your thinking, and provide real world, practical ideas to enhance your communication in both your personal and professional life.

For more information please visit our website: www.maryosborne.com

3:55-5:15pm The Integration Checklist: Does your office have one? DeWitt Wilkerson, DDS

COURSE DESCRIPTION

The Integrative Dental Medicine(IDM) Checklist

It has been proven (Atul Gawande MD, The Checklist Manifesto) that checklists are critical for improved performance and protection from serious errors, whether flying an airplane, preventing hospital infections or running a terrific Integrative Dental Medicine(IDM) practice.

As we seek to implement on Monday morning, the wonderful information we receive at our annual AAOSH meeting, it is essential that we have a systematic plan.

This session will provide an IDM Checklist to guide you in that planning.

LEARNING OBJECTIVES

- 1. Each participant will receive an IDM Checklist
- 2. Use of the Checklist will be clearly explained and understood by each participant.
- 3. The Checklist will guide the simultaneous evaluation, diagnosis and treatment of inflammation/infection, airway/breathing/sleep disorders, and TMD/Occlusion.

BIO

Dr. Wilkerson is the past President of the American Equilibration Society (2010-2011). He serves as the Chairman of the Dawson Foundation. He is an active member of the American Academy of Restorative Dentistry, American Dental Association, and the Christian Medical/Dental Association. He is an Adjunct Professor, at the University of Florida, College of Dentistry. He has formerly served as an Associate Faculty member and Spe-



cial Lecturer at the L.D. Pankey Institute. Dr. Wilkerson lectures extensively at national, regional, and study group meetings across the United States and abroad.

I lese	Great Guts - Live Life Well Uche Odiatu, DMD	The Art and Science of Designing a Future of Choice for the Successful Oral Systemic Practice of the 21st Century Bob Frazer, Jr., DDS, FACD, FICD	Airway and the Role of Orthodontics in Complete Health William Hang, DDS
COMPLETE HEALTH: TURNING SCIENCE INTO ACTION will present action steps that you can take on Monday morning, to "turn science into action." These re are dedicated for you to record those steps, to take home and use in your practice.	Action Steps/Notes	Action Steps/Notes	Action Steps/Notes
ake or e step			
ALTH: you can t cord thos	How to Extend the Warranty While Still Enjoying the Ride! Elizabeth (Betsy) Board, MD	How to take what you KNOW into what you DO Mary Osborne	The Integration Checklist: Does your office have one? DeWitt Wilkerson, DDS
PRACTICING COMPLETE HEA All AAOSH speakers will present action steps that pages are are dedicated for you to re	Action Steps/Notes	Action Steps/Notes	Action Steps/Notes

10th Annual Scientific Session

August 27-30, 2020 | Minneapolis, Minnesota

2020 Registration Begins Saturday Doctor: \$829* Team: \$629* *Price includes 1 free year of AAOSH Membership!*

Sugar, Sugar, it's in everything. How do we eat nutritionally & avoid it? Dr. John Peldyak & Shirley Gutkowski

THE

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ORAL SYSTEMIC

HEALTH

Airway Gustavo Ferrar

The Developing Microbiome /How can we change the health of children before birth? Dr. Kjersti Aargard

Diagnostic Technology Panel Dr. Momo Vuyisich, Dr. Guru Banavar, and Dr. Sri Ganeshan

Clinical Applications and Research **Dr. Mark Cannon**

Dentistry's Future: Co-managing the Systemic Disease We Have in Common with Medicine The New Wellness Approach to Dentistry: Everything you need to change the way you educate, motivate and care for your patients.

> How to talk to Physicians about your patients **Dr. Tom Donley**

> > Cancer - Diagnosis and Research

Biophotonics and Cancer **Dr. Vidam Backman**

Pediatric Cancer Diagnosis and Management Dr. Juan Fernando Yepes

Acid Reflux & nutritional counselling to improve children's health **Dr. Julie Wei**

Clinical Manipulation of the Oral Microbiome

Pre-registration special at this event ONLY. Register at the AAOSH Booth or AAOSH.org/2020

AAOSH Membership

When you pre-register for the 2020 AAOSH Scientific Session, you will receive ONE FREE YEAR of AAOSH Membership! After the conference, you will receive an email with your AAOSH login information. Below are the AAOSH Membership benefits you will receive!



Start Implementing Oral-Systemic Care

into your practice tomorrow



Get a FREE patient education and risk assessment tool that will change the way your patients think about the care you provide. aaosh.org/oral-systemic-care-tool

AAOSH Members have access to over a dozen more resources, webinars, and more! Visit the AAOSH booth or AAOSH.org to learn more and join the movement.



Our Mission *is to improve inter-disciplinary healthcare and collaboration, and the health of people everywhere by changing public and professional awareness of the mouth-body health links.*

AAOSH DIAMOND SPONSOR



XLEAR xlear.com | Booth #221

Since the company was formed in 2000, Xlear Inc. (pronounced "clear") has been recognized as the leading manufacturer of xylitol-based products in North America. The company's goal is simple: to provide simple, effective, prevention, helping people live healthy and fulfilling lives. With the scientific research as a foundation, Xlear Inc. aims to provide everyone the opportunity to receive the benefits from xylitol. From the beginning, Xlear Inc. has been the industry leader, providing the newest innovations in sinus and oral care, with its brands Xlear Proactive Health and Spry Dental Defense. The focus is to empower people to proactively take care of themselves in a way that is easy and approachable. The goal is whole-body health in the best way possible.

The roots of the company begin with Dr. Lon Jones. After reading the extensive research done in Finland about the benefits of xylitol, Dr. Jones developed a xylitol nasal spray to treat his patients with persistent upper-respiratory infections. He successfully treated his granddaughter's recurring ear infections with the spray, and soon began dispensing it to other patients with ear, nose, and throat issues. The results were astounding. In 2000, Nathan Jones, Dr. Jones' son, founded Xlear Inc. in order to make the nasal spray commercially available. Doctors and dentists alike use and recommend Xlear Nasal Spray.

Xlear Inc. is also the maker of the Spry[®] brand of products. Spry is dedicated to supporting and promoting an active, healthy lifestyle, focusing on enhancing the wellbeing of teeth and gums. Spry aims to neutralize threats in the mouth by providing products people can use anytime, anywhere, so they can have a healthy smile to match their healthy lifestyle. Numerous studies show that xylitol is extremely beneficial to teeth and gum health, which of course is highly important to one's systemic health. Spry is designed to be the best Dental Defense System, making it easy to have the recommended five exposures of xylitol a day. The Spry brand consists of a full line of products including, toothpaste, gum, oral rinse, mints, and even moisturizing mouth spray. Also included in the lineup are child-friendly toothpastes and oral care kits. All the products are natural and use xylitol to benefit the oral cavity. The newest addition to the Spry line is Spry Whitening Toothpaste.

AAOSH PLATINUM SPONSORS

SILL-Ha arkrayusa.com/oral-wellness/|Booth#112 ARKRAY USA introduces SillHa Oral Wellness

Oral Wellness System ARKRAY USA introduces SillHa Oral Wellness System, a breakthrough approach to salivary screening, oral care and overall wellness. A simple, elegant system using a saliva sample and a quick 5-minute process yielding a patient friendly, multi-point analysis for your patients and providing new possibilities for revenue for your practice. The easy-to-use system measures 7 items in 1 screening in 5 minutes in your office, minimizing workflow disruption, and generates a report to support patient education, care plans and hygiene products. In four simple steps using a saliva sample dropped on a reagent test strip, this new technology gives you information to enhance your ability to monitor 7 analytes in saliva related to tooth health, gum health, and oral cleanliness. Use the in-office screening report as a communication tool for your team to provide new information on your patient's oral health and risk to develop caries and gum disease, and support for your proposed treatment plan. Visit booth #521 for a demonstration.

ARKRAY is a world leader in innovative healthcare. For more than 60 years, ARKRAY has developed innovative healthcare products that improve the quality of lives for people living with chronic conditions. ARKRAY's role as the new face of oral wellness shouldn't be a surprise. With our history of delivering new advances, oral wellness is the latest field where our innovations benefit patients and provide health care professionals with new tools to care for them.

ProBiora Health

Bringing the science of probiotics to oral care?

ProBiora Health probiorahealth.com/aaosh/ | Booth #411

ProBioraPro[™] the first professional-strength, oral care probiotic mint that accelerates the repopulation of beneficial bacteria to support dental and gingival health while naturally whitening teeth and fighting bacteria that causes bad breath. Each mint contains an extra-strength blend of patented ProBiora3[®] probiotics. These beneficial bacteria bind to teeth and go deep under the gingival margin, crowding out undesirable bacteria to become the colonization center of a healthy balanced oral microflora, necessary to sustain ongoing dental and gingival health.

AAOSH GOLD SPONSORS

CariFree

CARIFREE carifree.com | Booth#210

A Different Approach to Dental www.carifree.com Are you ready to see a difference in your practice? CariFree products utilize a unique combination of pH neutralization, fluoride, and nano hydroxyapatite, offering a truly different approach to dental care. Our elevated pH products don't treat decay—they're

scientifically proven to prevent cavities from forming in the first place. CariFree products are highly effective, safe to use every day, and—most importantly—our products transform the lives of many who had never believed they would visit the dentist free of decay. Established and led by Dr. V Kim Kutsch, an internationally recognized expert in cavity prevention and minimally invasive dentistry, CariFree has been used worldwide as a new model for oral health and cavity prevention.

If you would like to learn more, visit the CariFree booth during the 2019 AAOSH Scientific Session or go to start.carifree.com to schedule a consultation.



Paratus Diagnostics

paratusdiagnostics.com | Booth#223

The coming trend in dentistry is being driven by the wide recognition that the mouth is a window into

the patient's overall health. With the ParatusPerio®Test, your practice can take a major step toward becoming a patient wellness practice. As an example, research has shown that people with gum disease are twice as likely to die from a heart attack and three times as likely to die from a stroke. The ParatusPerio®Test is simple for the hygienist to use, painless to the patient, and produces precise, chairside results in about 25 minutes.

At the heart of the ParatusPerio[®]Test is our highly differentiated and patent-protected, hand-held cartridge. The total hands-on time is about one minute. Everything else happens automatically and takes only about 25 minutes to produce precise, laboratory-quality results. The hygienist is completely free to continue her exam of the patient while the ParatusPerio[®]Test works unattended in the background.

The cartridge will be available to offices at a low cost to allow for a high margin income source for the practice. In addition, the mating adapter, smartphone, cradle and all software are provided to the practice at absolutely no cost.





Bio-Botanical Research Inc. biocidin.com | Booth#114

Bio-Botanical Research provides health care professionals with Broad-Spectrum botanical formulations as nutritional support to address both Oral, GI and systemic immune challenges such as SIBO, biofilms, Lyme and other microbial imbalances. Our flagship product Biocidin[®] has been a favorite amongst Integrative and Functional Medicine practitioners for 28 years, and has been both laboratory tested and clinically verified for effectiveness. Our newly released dental products Dentalcidin[™] Toothpaste and Oral Care Solution have shown remarkable effectiveness in pilot studies. We offer educational resources and personalized training to assist practitioners in clinical practice.

AAOSH BRONZE SPONSORS



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AAOSH EXHIBITORS FLORIDA PROBE **PrevMed** CardioRisk Laboratories * DETECT * ASSESS * PREVENT At the Heart of Good Heal PROBE, CHART, EDUCATE, MOTIVATE, International Academy of Chronic InBody Inflammation inspero Oral Medicine & Toxicologi Oralog MICROB Linking oral microbes () to systemic health Next-Gen DNA Sequencing OR ACCURATE MICROBIAL IDENTIFICATION PerioProtect OraVital 'asolabs.com Intelligent Healing The Oral Infection Experts™ ZERAMEX®) weave The Dawson Academy strong. bright. right. Making good dentists even better. Therapies Group "Distinguishing Products and Education W W W . T H E D A W S O N A C A D E M Y . C O M For more information on these sponsors and the products/services offered, visit their booths in the exhibit hall! **HEALCERION GUMSOFSTEEL** - AAOSH.org -

SPONSORS | EXHIBITORS

PROSOMNUS' ProSomnus[®] Sleep Technologies | Booth#201

ProSomnus® Sleep Technologies designs, manufactures and markets FDA Cleared Class II Medical Devices dentists use to treat patients diagnosed with Obstructive Sleep Apnea. ProSomnus Medical Devices are the first, precision oral appliance therapy devices designed to enhance compliance, mitigate side effects and, enable dentists to achieve excellent patient experiences and outcomes. They have been used to treat thousands of patients, with clinical performance that has been validated in randomized controlled trials, retrospective cohort studies, and numerous clinical case reports.

Vatech America | Booth#311

vatech america Vatech is a leading manufacturer of radiographic imaging solutions for the medical, dental and veterinary fields with offices in over 70 countries worldwide. As the US subsidiary of Vatech Inc, Vatech America is committed to providing the industry with innovative dental x-ray imaging solutions while maintaining a primary focus on ultimately enhancing the quality of patient care. From the world's first 3-in-1 digital X-ray system to the latest in high resolution, low radiation CBCT devices, Vatech America is the clinician's preferred vendor for their diagnostic imaging endeavors.



HindexRV[®] | Booth#524

HindexRV[®] is an FDA approved cutting-edge physiological monitoring instrumentation using sensor instrumentation and computer driven programs, which measures EKG, EMG, Respiration, Heart Rate and Heart Rate Variability.

This medical and dental system monitors the arousal of a subject's autonomic nervous system during the use of therapeutic modalities and/ or application or modification of intra-oral orthotics. The benefit of this monitoring system is that the clinician gains an objective reference to the response to the therapy/modality that has been applied.

HindexRV records data of physiological changes to support the efficacy of the treatment by any healthcare practitioner and offers the opportunity to communicate this data with other healthcare practitioners and researchers. HindexRV allows for better collaboration between practitioners for more optimal patient outcomes. The dental and medical uses include:

- Sleep breathing disorders and oral appliances
- TMD treatment and orthotics
- Orthodontic treatment and restorative dentistry
- Athletic performance
- Systemic autonomic disorders

Hindex RV is a turnkey system. It includes all hardware, software, a laptop, Bluetooth connection, statistical analysis software, disposables and training.

ACAM PLATINUM SPONSORS



Kimera Labs Inc. | Booth#101

Kimera Labs Inc. is a biotechnology company that develops perinatal exosome products for research and therapeutic purposes. Since 2012, Kimera Labs has invested significant resources into exosome isolation, diagnostics and therapy protocols. As a re-

generative medicine and oncology diagnostics focused biotechnology company, Kimera Labs develops therapies that heal from within. By providing regenerative cellular signals under the control of messenger and micro RNA, we believe it is possible to initiate the healing processes that can benefit patients of any age.



Sleep Certified | Booth#315

Sleep Certified has created a platform to bring patients, dentists & physicians in a collaborative effort to provide the best treatment solutions for their OSA patients. Our goal is to offer sleep apnea patients exceptional care with a Sleep Certified Dentist who is qualified to treat at the highest level. With an all-inclusive approach to treatment options and the most advanced training available, our Sleep Certified dentists can treat even

the most severe sleep patients with success. Shaquille O'Neal is the brand ambassador for Sleep Certified and will be driving patients to see a Sleep Certified Dentist. This partnership will create the top treating dental sleep practices in the nation. We invite qualified dentists to join us now to be in the top 1% of Dental Sleep Medicine.

ACAM GOLD SPONSORS



Aesthetic Integrative Medicine | Booth#401

Aesthetic Integrative Medicine is a U.S. - based Medical Distributorship and ACAM partner specializing in Regenerative Medicine products, services, marketing, training and education. The company researches and contracts with the industry's most innovative and efficacious products from Regenerative Medicine manufacturers and delivers them to Physicians and their staff with a unique focus on office and patient education, as well as legally-insulated marketing support to drive growth in a cash-based system and assist in migration from the standard insurance-based office model.



Algonot Family of Nutraceuticals | Booth#102

The Algonot Family of Nutraceuticals are based on the research of Dr. Theoharis Theoharides. Dr. Theoharides first showed that mast cells, known for causing allergic reactions, are critical for inflammation, especially in the brain, and are involved in a number of inflammatory conditions that worsen with stress such as allergies, asthma, autism spectrum disorder, eczema, fibromyalgia, interstitial cystitis/bladder pain syndrome, mi-

graines, multiple sclerosis, psoriasis, and myalgic encephalomyelitis/ chronic fatigue syndrome. He has published over 420 scientific papers (JBC, JACI, JPET, NEJM, Nature, PNAS, Science) with 32,456 citations (h-factor 87) and 3 textbooks. He has been placed in the top 5% of authors most cited in pharmacological and immunological journals. He was inducted into the Alpha Omega Alpha National Medical Honor Society and the Rare Diseases Hall of Fame. Dr. Theoharides has helped formulate the novel anti-inflammatory flavonoids, luteolin and tetramethoxyluteolin, in unique dietary supplements (Braingain, FibroProtek, NeuroProtek, NeuroProtek Low Phenol) and a skin lotion (GentleDerm). He has received 37 patents and trademarks, including three patents covering the use of luteolin in brain inflammation and autism.



Korent Select[™] | Booth#202

Criticality is an integrated North Carolina-based agricultural hemp company that takes a science-based approach to the extraction, refinement and formulation of high-quality, transparent industrial hemp derived products. Our Korent[™] and Korent Select[™] brands bring superior, trace-

able, USA-grown hemp CBD to consumers and healthcare professionals with our expertly-crafted tinctures and topicals in various forms and concentrations.

AAPMD SILVER SPONSORS



Airway Health Solutions | Booth#421

Due to popular demand, Lauren Gueits, RDH, BS and Ben Miraglia, DDS created Airway Health Solutions, a unique "airway focused" dental consultancy /continuing education platform. Airway Health Solutions helps dental practices implement treatment modalities to combat Sleep Disordered Breathing via Growth & Development of the dental arches. This includes utilizing clear aligner therapy, myofunctional /expansion appliances, resulting in healthy patients who can sleep, breathe and thrive.

SPACE MAINTAINERS I ABODATODIES

SML (Space Maintainers Laboratories) | Booth#121

Headquartered in Southern California with multiple locations throughout the United States, Canada, Australia, Taiwan and Malaysia, SML (Space Maintainers Laboratories) partners with more than 150,000 dentists and orthodontists worldwide. We provide access to everything a practice needs to ensure success - from custom fabricated appliances to treatment planning to products and supplies to diagnostics and 3D digital models.



The International Academy of Oral Medicine and Toxicology (IAOMT) | Booth#522

The mission of the International Academy of Oral Medicine and Toxicology (IAOMT) is to be the trusted Academy of medical, dental, and research professionals who investigate and communicate safe science-based treatments to promote whole body health. Founded in 1984, our non-profit organization has now grown to a global network of over 1,000 members who support new levels of integrity and safety in healthcare, encourage oral health integration, and examine the oral-systemic connection. This involves evaluating the biocompatibility of dental products

and practices, including the risks of mercury fillings, fluoride, root canals, and jawbone osteonecrosis. We accomplish our mission by funding and promoting relevant research, accumulating and disseminating scientific information, investigating and promoting non-invasive scientifically valid therapies, and educating medical and dental professionals, policy makers, and the general public. Our members have been expert witnesses for government bodies and health agencies around the world. We are an accredited member of the United Nations Environment Programme (UNEP)'s Global Mercury Partnership and were involved in the negotiations leading to UNEP's Minamata Convention on Mercury. Many of our members enroll in certification for IAOMT's Safe Mercury Amalgam Removal Technique (SMART), which is a two-unit course that has been recognized in peer-reviewed scientific literature.



GreenSky, Inc. | Booth#205

GreenSky, Inc. (NASDAQ: GSKY) is a leading technology company Powering Commerce at the Point of Sale[®]. Our highly scalable, proprietary technology platform enables nearly 16,000 merchants to offer frictionless promotional payment options to consumers, increasing sales, and accelerating cash flow. More than 2.4 million consumers have financed over \$17 billion of commerce using our paperless, real-time "apply and buy" technology.



Patient Safety, Inc. | Booth#414

The ADA recommends that dentists screen for sleep apnea. 90 Million Americans are tired and snore. Questionnaires alone are ineffective at getting patients to diagnosis or therapy. Nocturnal oximetry is a cost-effective way to get patients to therapy.

Patient Safety, Inc. is committed to providing reliable, consistent and effective high-resolution pulse oximeters and software that allow practitioners to accurately screen patients for sleep-disordered breathing. Using the most precise oximetry data on the market, Patient Safety helps you choose the best care path for your patients by determining risk of subtle and complex sleep-related breathing disorders not easily identified with other pulse oximetry products. Our SatScreen Report has a green to red dashboard that is designed to eliminate patient questionnaire fatigue by providing visualized, objective data that is more likely to result in patient engagement.

The SleepSat 3-D Hi-Res oximeter uses a high sampling rate, precise signal resolution and superior averaging times to accurately track small changes and short-cycle fluctuations. Our SatScreen software applies advanced analytics and pattern detection to the SleepSat's best-in-class data to index ventilatory instability and baseline drifts in oxygen, which can help detect UARS, Nocturnal Hypoventilation, Cheyne-Stokes and OSA. SleepSat data is analyzed within minutes, and uploaded reports are accessible 24/7 through our cloud-based viewer.

STOP MISSING PATIENTS WITH INADEQUATE DATA: CONVERT THEM TO THERAPY AND CAPTURE MORE REVENUE. Patient Safety, Inc. – Simply the best.



Panthera Sleep | Booth#121

Panthera Sleep is a world leader in CAD/CAM dental sleep appliances. With their 18 years of expertise in CAD/CAM dentistry, Panthera Sleep's founders have created high end Mandibular Advancement Devices, this solution being the most effective to help people with snoring and sleep apnea-related problems.

Panthera Sleep has successfully combined creativity, science and know-how to develop its proprietary innovative technology and is now able to offer next-generation products to the sleep industry worldwide. By establishing the Sleep Division, Panthera Dental's goal is clearly to keep

helping patients and procure them a most-deserved good night's sleep and quality of life.

The Panthera Dental team uses its own proprietary software to design the Panthera D-SAD. From a 3D scan of the stone model or intra-oral scan, each device is designed specifically for your patient. Panthera's state-of-the-art CAD/CAM technology will deliver a perfectly adapted device. This procedure provides more predictability for a completely customized device. In order to accommodate every patient, we offer a wide range of plateaus for tailored contact surfaces: standard, full and anterior. Since the D-SAD can be adapted for every possible situation, it is suitable for all types of patients.



Ohlendorf Appliance Laboratory | Booth#421

OHLENDORF APPLIANCE LABORATORY has been an industry leader in the fabrication of Dental, Orthodontic and Pediatric Appliances for over 80 years. Our laboratory is located in St Louis, MO and we work with doctors in all 50 states. Technical support and personal service are the main benefits that we offer to separate ourselves from other labs. Our Laboratory is fully Digital and we can accept digital scans from all the major systems. We encourage you to contact us if you need assistance or need any type of Dental Appliance fabricated. Everyone at our Laboratory is dedicated to providing the



North American Association of Facial Orthotropics | Booth#503

highest quality appliances, fabricated using our over 80 years of expertise, and quickly turning around your cases in less than 12 calendar days.

The North American Association of Facial Orthotropics is a group of professionals who promote Orthotropics[®], a natural way to achieve optimal growth, a balanced facial profile, and a larger airway. Orthotropics[®] is a specific method of facial growth guidance which changes unfa-

vorable vertical growth to more favorable horizontal growth, potentially resulting in corrections similar to those that result from successful orthognathic surgery. If you are a dentist, orthodontist, myofunctional therapist, dental technician or other health professional who is interested in helping your patients live a healthier life by guiding facial growth, improving facial balance, and improving the airway, the NAAFO is for you. Join the NAAFO and you'll find a comprehensive source of indepth information to support your knowledge and practice of Orthotropics[®]. Visit our website at www.orthotropic-na.org to get more information on membership, courses, and meetings we offer.

ACAM SILVER SPONSORS



Face**Mu**Pain

Bales Photonics, LLC | Booth#103

Martin grew up working at Bales Scientific, Inc., alongside his father, Maurice, who developed the first digital Infrared camera and the first Photonic Stimulator to be approved by the FDA. The photo on the left is an infrared image of Martin at age 4 taken with the camera his father developed.

After graduating from the University of Virginia with a degree in Electrical Engineering, Martin pursued another educational path and achieved a Doctorate of Acupuncture and Oriental Medicine. Fusing both backgrounds, Martin formed Bales Photonics, LLC and developed the BioPhoton 100 which uses different wavelengths of light to promote healing.

The BioPhoton 100 represents the latest technology in Photon Therapy devices. A number of improvements over the previous generation have allowed for increased power, full programmability, and ultimate portability, all at a greatly reduced cost.

FaceMyPain | Booth#204

FaceMyPain.com is a new website connecting Patients with Clinicians treating Facial Pain, Headache, TMJ Disorders and Airway/Sleep. List your practice on FaceMyPain.com today and have a detailed profile that highlights your practice, services and experience.

Use FaceMyPain as a resource to build integrated care teams in your community! Provider types include Neurologists, Orofacial Pain Specialists, Osteopaths, TMD Dentists, Oral Surgeons, Endodontists, Orthodontists, Chiropractors, Physical Therapists, Myofunctional Therapists and Health Psychologists. Contact us at support@facemypain.com or 858-859-0874. Help spread the word of this incredible resource for patients and referring clinicians!

ZYTO Technologies Inc. | Booth#105

ZYTO Technologies Inc. was established in 2004 by energetic medicine pioneer Dr. Vaughn R Cook. Building on the principles of traditional Chinese medicine and modern computer technology, ZYTO quickly established itself as the worldwide leader in biocommunication.

The ZYTO Hand Cradle, a galvanic skin response device that was cleared by the FDA in 2011, interfaces with the human body and the ZYTO software to provide quick, accurate readings based on responses to specific digital signatures.

The ZYTO library of digital signatures, which are called Virtual Items, is extensive and new items are constantly being added. This means that practitioners can use the technology to scan for just a few items or hundreds or even thousands of items representing body systems and external factors that influence health, as well as supplements, oils, wellness services, and foods.

In addition to our core biocommunication scanning technology, ZYTO has also pioneered perception reframing, a voice-mapping and biofeedback technology that addresses an individual's emotional health at a subconscious level. Together, ZYTO's dynamic suite of products has helped thousands of wellness professionals make better decisions for the health and well-being of their clients.



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AAPMD, ACAM, AAMS EXHIBITORS

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AAOSH ACADEMIC PARTNERS

Academic Partners can be any accredited graduate level or health profession school including: dentistry, medicine, chiropractic, dental hygiene, physicians assistant, nursing, pharmacy, physical therapy, MBA, MPH, etc. Any interested schools must be a full time, accredited program.



In addition to full AAOSH member benefits, Academic Partners receive significantly reduced Scientific Session registration fees and reduced membership rates for all students and faculty.

For more information on Academic Partnerships with AAOSH, please visit <u>aaosh.org/academic-partners/</u>

As the first AAOSH Academic Partner, The University of Tennessee Health Science Center is helping to lead the way for the oral systemic movement in the word of academia. We welcome the UTHSC faculty and staff to AAOSH and the Scientific Session!



THE AMERICAN ACADEMY FOR ORAL SYSTEMIC HEALTH

AAOSH.org