

THE SILENT AIRWAY CONNECTION

**Its Impact on Development,
Performance and Health**

Connecting the Dots in 2014

FRIDAY, APRIL 25, 2014

SATURDAY, APRIL 26, 2014

8:30 AM – 5:30 PM

Westin North Shore

601 N Milwaukee Avenue

Wheeling, Illinois

(20 minutes from downtown & airport)

Presented by

American Academy of Physiological Medicine & Dentistry

A multidisciplinary organization dedicated to airway health



AAPMD
AMERICAN ACADEMY OF PHYSIOLOGICAL
MEDICINE & DENTISTRY

CONNECTING THE DOTS

Interceptive Orthodontics: Techniques For Airway and Facial Development — Ages 3-12

Ben Miraglia, DDS Airway treatment can never begin too early. Interceptive techniques for children, 3 -12, to fully develop the face and the airway, and nasal breathing, along with stable function and best possible esthetic result will be discussed.

The Role of Biochemistry in Dentistry: Connecting the Dot of Nutrient Imbalance

William J. Walsh, PhD Biochemical factors can be associated with inflammation, oxidative stress, wound healing, pain threshold, anxiety, autism, depression, bipolar, and other conditions encountered in dentistry. Laboratory testing/treatment approaches will be described.

Dental-Structural Relationships Critical to Health

Lee Cowden, MD, MD(H) How we breathe and our teeth occlude affects our posture and alignment. The relationship between the dental occlusion and the major joints of the body and the sutures of the skull as well as adjustment techniques will be discussed.

The Corporate World is Waking Up to Sleep

Nancy Rothstein, MBA The corporate world is waking to how sleep directly impacts how we perform at work. Understand how this changing corporate view can benefit patients, performance and practices.

Malocclusion — Risk Factor for Obstructive Sleep Apnea (OSA) in Children: A Darwinian Perspective

Kevin L. Boyd, DDS, MSC Malocclusion is relatively recent in evolutionary terms and a common finding with OSA. This presentation will highlight an Evolutionary Medicine-informed approach to orthodontic diagnosis and treatment called Biobloc-Orthotropics.

Sleep Hygiene: Sleep is not a 4-Letter Word

Kent Smith, DDS Everything we do during the day will affect how we sleep, and every moment during sleep affects how we will feel and function the next day. This presentation will enable the practitioner to better look at their own and their patients' sleep/wake patterns.

Oral Biofilm, Oral Inflammation, and Cardiovascular Disease

Dan Sindelar, DMD Oral biofilm and oral inflammation play a key role in the progression of inflammatory diseases such as cardiovascular and cerebrovascular disease, diabetes, dementia, Alzheimer's disease, cancers, and other health complications. The rapidly-changing science behind oral-systemic health, diagnosis and treatment will be presented.

Impact of Sleep Disordered Breathing Treatment on Upper Airway Anatomy and Physiology

Deepak Shrivastava, MD, FAASM, FACP, FCCP, RPSGT In this presentation, the latest available scientific evidence that supports the process of reversibility of OSA is discussed and covers the most commonly used treatment modalities including CPAP, oral appliances, weight loss and surgery.

A Collaborative and Physiological Approach to Improving Performance, Reducing Injury and Speeding Recovery

Jeff Hindin, DDS, Burt Reed, PT Sports Physical Therapists and Dentists can collaborate to improve performance at all levels. This presentation will discuss the dentist/PT interdisciplinary approach with objective physiological measurements to improve performance.

Introduction to the Field of Dental Speech Therapy

Mark Abramson, DDS An interdisciplinary dentist / speech pathologist team approach for speech therapy and the use of unique tongue positioning appliance during sleep to change the dynamics of the tongue and throat will be discussed.

Digital Word-of-Mouth: Converting Your Online Reputation into New Patients

Cliff Yurman, MBA A practitioner's internet reputation and review can drive patients to or away from the office. This presentation will review ways to protect and enhance your online presence.

Evaluation and Management of the Sleepy Child

Stephen H. Sheldon, DO, FAAP A array of complex sleep problems can irreversibly compromise a child's growth and development. This presentation will discuss evaluation and management strategies for the sleepy child.

Utilization 3D Technology: Achieving a Good Diagnosis

Francisco Eraso, DDS, MSD The best outcomes begin with an accurate and complete diagnosis. Dr. Eraso's lecture will review the appropriate sequence for diagnosis of patient's with TMJ, airway problems and orthodontic needs using 3D technology.

Assessment of the Lingual Frenum and Orofacial Myofunctional Therapy

Irene Marchesan, PhD, SLP There is science showing causality between craniofacial growth and occlusal abnormalities due to restricted lingual frenums. This presentation will cover identification of restricted frenum in newborns, children, and adults, and the orofacial myofunctional therapy necessary to establish proper swallowing patterns once the frenum is released.

Heart Rate Variability, Breathing and Pain

Julian Thayer, PhD This presentation will discuss recent results of a meta-analysis of recent neuroimaging studies on the relationship between heart rate variability and regional cerebral blood flow. Special emphasis will be given to sleep and pain and how hrv may be used clinically to promote health.

SPEAKERS



Dr. Ben Miraglia, a graduate of the State University of NY at Buffalo School of Dentistry and 20 years private practice experience in Mt. Kisco, New York, lectures nationally on childhood sleep disorder breathing and its impact on the development of the face & airway. He holds faculty positions with Align Technology and the U.S. Dental Institute and is on the board of directors of the American Academy of Cosmetic Orthodontics.



William Walsh, Ph.D. research scientist and president of the non-profit Walsh Research Institute near Chicago, directs physician-training programs. He has developed a science-based nutrient system used by doctors to help patients challenged by chronic physical and mental conditions. He has authored more than 200 scientific papers and a book, *Nutrient Power*, describing his system. His early work was with renowned Carl C. Pfeiffer, MD.



William Lee Cowden, MD, MD(H), Chairman of the Scientific Advisory Board of the Academy of Comprehensive Integrative Medicine of Panama since 2008, is a USA board-certified cardiologist and internist who is internationally known for his knowledge and skill in practicing and teaching integrative medicine.



Nancy Rothstein The Sleep Ambassador® consults and lectures on Sleep Wellness to corporations, the travel industry, universities, schools and organizations. She has a MBA from the Univ. of Chicago and teaches an online course on Sleep Wellness at NYU. Her book, *My Daddy Snores* (Scholastic), has sold over 380,000 copies and has a companion website.



Kevin Boyd, DDS is a graduate of Loyola University's College of Dentistry and board-certified pediatric dentist practicing in Chicago. He is an instructor in the residency-training program in Pediatric Dentistry at Lurie Children's Hospital and member of Lurie's Craniofacial Anomalies and Sleep Medicine teams. He has an advanced degree (M.Sc.) in Human Nutrition and Dietetics.



Dr. Kent Smith, DDS is a Diplomate of the American Board of Dental Sleep Medicine. He created the SKISH Initiative ("School Kids in Safe Hands"), to keep bus drivers and students safe. He was the first in Texas to be awarded a Dental Sleep Medicine Facility Accreditation and is the creator of the "Best Sleep Hygiene" app. He hosts a weekly radio show on sleep disorders, "The Sleep Doctor", heard every Tuesday.



Daniel Sindelar DMD attended business school at St. Louis University and earned a dental degree at Washington University School of Dental Medicine. in 1981. He is a practicing dentist, and expert and lecturer on oral systemic health. He is a founder and recent president, of the American Academy for Oral Systemic Health (AAOSH). and founder / director of Oral Genomics, LLC.



Deepak Shrivastava, MD, FAASM, FACP., FCCP, RPSGT, received sleep medicine training at Stanford and is board certified in Sleep medicine, Pulmonary, Critical Care, Internal medicine and Polysomnography technology. He is a senior faculty at Sleep Medicine Fellowship Program. His FDA guided research in oral appliance therapy compliance monitoring is a breakthrough technology.



Jeff Hindin, D.D.S. Dr. Hindin is in private practices with an emphasis on the treatment of craniofacial pain, TMD and sleep disorders. He is conducting clinical research into the relationship between orofacial pain, splint therapy, physiological function and heart rate variability. He lectures internationally and is an instructor in software development for the Biofeedback Foundation of Europe and is the co-founder of TAD systems.



Burt Reed, PT, OCS, FAAOMPT Physical Therapist with advanced training in the Functional Movement System working with patients needing rehabilitation as well as top performing athletes, and supportive therapy for TMJ treatment. He has established three physical therapy treatment centers.



Mark Abramson, DDS is the developer of the O2Oasys Oral/Nasal Airway System™ and directs Stanford University's Mindfulness Based Stress Reduction Clinic, and is on staff at the Stanford University School of Medicine. He maintains private practices in Redwood City and Monterey, California focusing on chronic pain, TMJ, and sleep disorders.



Clifford S. Yurman, MBA, is a creative and business consultant, with extensive experience in Web Marketing and Design, Video Production and Scripting, and Business Strategy. He was Dir. Corp. Corporate Development for News America Publishing and Financial Manager for the CBS Television Stations Division and CBS Records Division.



Stephen H. Sheldon, DO, FAAP Professor of Pediatrics, Northwestern University, Feinberg School of Medicine and Director of Sleep Medicine Center Lurie Children's Hospital of Chicago. He is active in clinical practice of pediatric sleep medicine and a member of the National Sleep Medicine Course Committee of American Academy of Sleep Medicine, Board of Directors of American Academy of Sleep Medicine and American Sleep Medicine Foundation and the AAPMD.



Dr. Francisco Eraso is an Oral & Maxillofacial Radiologist and Orthodontist. He is one of the founder radiologists of Beamreaders, Inc. Diagnostic Services. Dr. Eraso is a reviewer for the Amer. Journal of Orthodontics and Dentofacial Orthopedics, Angle Orthodontics, the Journal of Oral Surgery, Oral Medicine, Oral Pathology, Oral Radiology & Endodontics and the Journal of Dentomaxillofacial Radiology.



Irene Marchesan, PhD SLP is a Research Associate at CEFAC, Department of Orofacial Myofunctional Therapy. She is world-renowned in this field having authored over 300 articles and books and presided over 400 thesis defenses. She has over 30 years of experience in research and clinical practice in Brazil. As a professor, she has lectured around the world. She is currently President of the Brazilian Speech Pathology Society.



Dr. Julian F. Thayer received his Ph.D. from NYU in psychophysiology with a minor in quantitative methods. He is the Ohio Eminent Scholar Professor in Health Psychology, has published over 195 research papers & book chapters with topics including behavioral medicine, cardiology, emotion, psycho-pathology & bioengineering. He is currently the President of the Rocky Mountain Bioengineering Symposium and President Elect of the Academy of Behavioral Medicine Research.

CONFERENCE FEES

CATEGORY	FEE	AAPMD MEMBER FEE
Physician, Dentist, DCs (lunch included)	\$710	\$610
Other Professional (lunch included)	\$385	\$285

AAPMD MEMBERSHIP FEES

Doctors \$325.00

Other Practitioners \$200.00

Assistants, Hygienists \$125.00

REGISTER ONLINE: www.aapmd.org

OR MAIL CHECK TO: AAPMD
2 Executive Blvd. Suite 206
Suffern, NY 10901

OR CALL: 845-570-1979

HOTEL INFORMATION

The **AAPMD** has reserved a block of rooms at **The Westin Chicago North Shore Hotel** located 16 miles north of O'Hare International Airport at 601 N. Milwaukee Avenue in Wheeling, IL. Rooms are limited. Please call: **(847) 777-6500**

Reserve a room online on the registration page.





ABOUT AAPMD

The American Academy of Physiological Medicine & Dentistry is a multidisciplinary, membership organization dedicated to studying the role of the airway in health, brain development and well being. Informing the public about this under-recognized critical health issue by forging an alliance of healthcare consumers and healthcare professionals to foster well being is a mission of AAPMD.

The American Academy of Physiological Medicine & Dentistry is the leader for interdisciplinary collaboration and education for optimal airway growth, development and function.

www.AAPMD.org



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