



# THE SILENT AIRWAY CONNECTION

Its impact on Development, Performance & Health

**April 25-27, 2014**

**Chicago, Illinois**

Westin Chicago North, Wheeling, Illinois

## Connecting the dots in 2014

A Joint Meeting of the American Academy of Physiological Medicine and Dentistry/AAPMD and the Academy of Applied Myofunctional Sciences/AAMS



A 3 day symposium and joint meeting of the American Academy of Physiological Medicine and Dentistry (AAPMD) and the Academy of Applied Myofunctional Sciences (AAMS) designed for speech language pathologists, medical, and dental professionals that will focus on the role of airway in health, sleep disorders, and orofacial myofunctional disorders.

To register and for hotel information, visit [www.aapmd.org](http://www.aapmd.org)

The AAMS is a new international, non-profit NGO and membership association created to support research, education, public health initiatives, and set standards for the delivery of care in orofacial myofunctional therapy.

The AAPMD is a leader for interdisciplinary collaboration, education and training for optimal airway growth, development and function believes an interdisciplinary approach is critical to achieve optimal airway function. Optimal airway function removes a critical obstacle to realizing ones potential in development, performance and health.

[www.aamsinfo.org](http://www.aamsinfo.org)



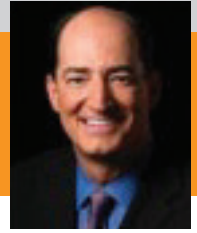
[www.aapmd.org](http://www.aapmd.org)

# Friday April 25th

**8:00 – 9:00**

**Sleep Hygiene: Sleep is not a Four-Letter Word**

**Kent Smith, DDS, D-ABDSM**



We spend 1/3 of our lives sleeping (or should). 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. If we don't respect sleep, it won't respect us. We talk to patients about the importance of good sleep hygiene, but do we honestly practice this, ourselves? This lecture, if nothing else, should be a wake-up call. The quality and quantity of sleep has an impact on our attitudes, relationships, memory, emotions, energy and behaviors. Sleep and wakefulness are forever entwined. It's time to give this relationship the respect it deserves.

**Learning Objectives: Apply strategies to assist patients improving their sleep quality as it impacts cognitive behavior.**

**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.

**9:00 – 10:00**

**Dental-Structural Relationships Critical to Health**

**W. Lee Cowden, MD, MD(H)**



This presentation will discuss the relationship between the dental occlusion and the major joints of the body and the sutures of the skull. Because the human brain prioritizes dental occlusion over all other structural issues, adjusting the patient's bite while there is a misalignment of a major joint essentially guarantees the patient will keep going back out of alignment even after proper adjustments by chiropractors or osteopaths. Also, many chiropractors and osteopaths seem to be unaware of the dental occlusion affecting alignment of major joints. Dr. Cowden will demonstrate the adjustments of skull sutures that any dentist can do with just their hands, as well as adjustment of major joints that a dentist can teach their patients to do on themselves prior to bite adjustment.

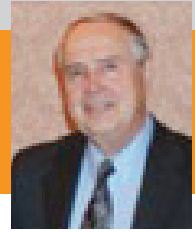
**Learning Objectives: Link dental & structural aspects to nasal breathing & oral functions & their relationship to health.**

**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.

**10:00 – 11:00**

**The Role of Biochemistry in Dentistry**

**William J. Walsh, Ph.D.**



This presentation will discuss biochemical factors associated with metal-metabolism, inflammation, oxidative stress, wound healing, yeast overload, pain threshold, anxiety disorders, autism, depression, bipolar, schizophrenia, toxic overload and other conditions encountered in dentistry. Laboratory testing and treatment approaches for these patients will be described.

**Learning Objectives: Analyze the links between oronasal dysfunctions, changes in oral biochemistry, PT behavior & various aspects of health.**

**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.

**11:00 – 12:00**

**Heart Rate Variability**

**Julian Thayer, Ph.D.**



The intimate connection between the brain and the heart was enunciated by Claude Bernard over 150 years ago. In our neurovisceral integration model we have tried to build on this pioneering work. This lecture will place special emphasis on sleep and pain, and how heart rate variability may be used clinically to promote health.

**Learning Objectives: Identify the links between oral motor activities & environment as expressed by heart rate variability & consider HRV as a viable diagnostic tool.**

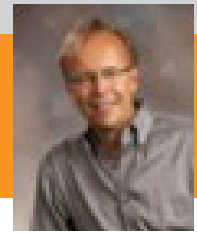
**Dr. Julian F. Thayer** received his Ph.D. from NYU in psychophysiology with a minor in quantitative methods. He is the Ohio Eminent Scholar Professor in Health Psychology, has published over 195 research papers & book chapters with topics including behavioral medicine, cardiology, emotion, psycho-pathology & bioengineering.

He is currently the President of the Rocky Mountain Bioengineering Symposium and President Elect of the Academy of Behavioral Medicine Research.

**1:00 – 2:00**

**Oral Biofilm, Oral Inflammation and Cardiovascular Disease**

**Dan Sindelar, DMD**



This presentation will go over the rapidly-changing science behind oral-systemic health. Periodontal disease is a bio-film disease with genetic and host/pathogen components. Oral biofilm and oral inflammation play a key role in the progression of inflammatory diseases such as cardiovascular disease, cerebrovascular disease, diabetes, dementia and Alzheimer's disease, cancers and other health complications. Recent research shows the pathways and effects on inflammatory bio-markers associated with most inflammatory diseases.

Specific oral pathogens have shown the ability to impact the mechanisms of systemic inflammation: The oral pathogen *Porphyromonas gingivalis* and its effects on cardiovascular disease; Oral pathogen *Fusobacterium nucleatum* and its effects on reproductive health and colorectal cancers; Oral treponemes and their impact on systemic diseases such as dementia and Alzheimer's disease. With the advent of salivary diagnostics and advanced inflammatory screenings, we can customize advanced treatment options with a coordinated multi-disciplinary team to reduce the effects of oral inflammation on inflammatory disease.

**Learning Objectives: Identify the links between poor orofacial functions, oral inflammation & cardiovascular disease**

**Dr. Sindelar** co-founded The American Academy for Oral Systemic Health and wrote a book on the relationship between oral and overall health called Refresh Life. In the 1990s, he was a pioneering instructor in the field of laser dentistry, and has been voted one of St. Louis' Top Dentists every year since 2009.

**2:00 – 3:00**

**Interpretation and Utilization of Radiological Imaging**

**Francisco Eraso, MSD**



The best outcomes begin with an accurate and thorough diagnosis. Dr. Eraso's lecture will review the appropriate sequence for the diagnosis of patients with TMJ, airway issues and orthodontic needs using 3D technology.

**Learning Objectives: Analyze certain aspects of 3D imaging to identify signs of Orofacial Myofunctional Disorders related to TMJD, airway & orthodontic issues.**

**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.

**3:00 – 5:00**

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

**Jeffrey Hindin, DDS, Burt Reed, P.T., OCS, FAAOMPT**



Sports physical therapists and dentists can collaborate to improve performance at all levels. Improving the airway, balancing jaw relationship to the body opens the door to greater performance potential. This presentation will discuss developing the dentist/PT relationship, objective physiological measurements, and reviews of studies of improved performance with this interdisciplinary approach.

**Learning Objectives: Analyze the relationship between normalized oro-nasal functions, jaw position & improved performance (physical & cognitive)**

**Jeff Hindin, D.D.S.** 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.

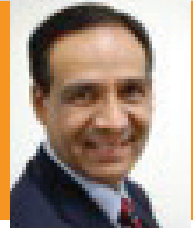
**Burt Reed, PT, OCS, FAAOMPT** Physical Therapist with advanced training in the Functional Movement System working with patients needing rehabilitation as well as top performing athletes, and supportive therapy for TMJ treatment. He has established three physical therapy treatment centers.

# Saturday April 26th

**8:00 – 9:00**

## **Impact of Sleep Disordered Breathing on Upper Airway Anatomy and Physiology**

**Deepak Shrivastava, MD, FAASM, FACP, FCCP, RPSGT**



Sleep disordered breathing (SDB) is a major public health hazard. Various anatomic, environmental and path-physiologic changes contribute to the occurrence of this chronic disorder. Upon successful treatment of the SDB, these abnormal processes tend to reverse. In this presentation, the available scientific evidence that supports the process of reversibility is discussed. The presentation covers most commonly used treatment modalities including Continuous Positive Airway Pressure, Mandibular Advancement Devices, Weight Loss, and Uvulopalatopharyngoplasty. These findings may be of significant clinical value to facilitate compliance and improve sleep.

**Learning Objectives: Identify the impact of Sleep Disordered Breathing on anatomy and physiology of V.A.W. and creating orofacial dysfunctions**

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.

**9:00 – 10:00**

## **Malocclusion - Risk Factors for Obstructive Sleep Apnea in Children: A Darwinian Perspective** **Kevin Boyd, DDS, MSc**



This presentation will highlight a novel and Evolutionary Medicine-informed approach to orthodontic diagnosis and treatment called Biobloc-Orthotropics. Evolutionary Oral Medicine is a branch of Evolutionary Medicine whose goals are to provide a useful understanding of the evolutionary origins of oral diseases for diagnosis, prevention, treatment and research investigations. Worldwide, malocclusion (crooked/crowded teeth, impaired jaw/facial growth) is a common oral disease afflicting people of all ages, and a common physical finding amongst many children who are diagnosed with obstructive sleep apnea (OSA), yet only began to appear significantly in the mid-17th century.

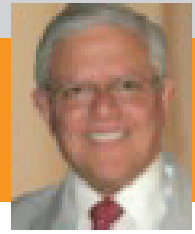
**Learning Objectives: Link aspects of malocclusion to SDB in the context of oral function evolution in relation to; chewing, swallowing and breathing.**

Kevin Boyd, DDS MSc 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 Dietetic

**10:00 – 11:00**

**Evaluation and Management of the Sleep Child**

**Stephen Sheldon MD, DABSM**



An 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.

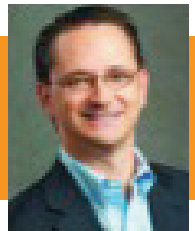
**Learning Objectives: Identify current evaluation and treatment options for children's SDB, as it impacts growth behavior and cognitive abilities.**

**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.

**11:00 – 12:00**

**Interceptive Orthodontic Techniques for Airway and Facial Development**

**Ben Miraglia, DDS**



Orthopedic/orthodontic treatment performed between the ages of three and eleven years can more fully develop the middle and lower facial thirds, and provide stable healthy function and the best esthetic result possible. Several techniques, along with case histories of children 3-11 that develop the airway and facial features and a proper airway with normal nasal breathing, avoiding surgical orthodontics, and guaranteeing non-extraction orthodontics at a later age, will be discussed. The overall health benefits and changes for these children will be highlighted.

**Learning Objectives: Discuss the benefits of using "interceptive" Ortho techniques to normalize oro-nasal functions.**

**Dr. Ben Miraglia DDS**, 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.



**1:00 – 2:00**

## **Waking Up the Corporate World to Sleep**

**Nancy Rothstein, MBA**



How you sleep directly impacts how you perform at work. Sleep Wellness can be viewed as a risk management issue, impacting corporate productivity, safety, health, health care costs, morale and more. In our 24/7 culture, sleep is often elusive. Yet, without the quality and quantity of sleep we need, our lives suffer...both at work and at home. It's time for the corporate world to wake up to the importance of sleep as an integral component of success and to implement Sleep Wellness initiatives. Such initiatives should include basic sleep education and sleep strategies, coupled with a corporate culture that fosters sleep health for the well-being of both the employees and the organization.

**Learning Objectives: Educate patients about the serious health issues related to Sleep Disordered Breathing and their impact on workplace and academic performance**

**Nancy Rothstein, MBA** The Sleep Ambassador consults and lectures on Sleep Wellness to corporations, the travel industry, universities, schools and organizations. She has an 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.

**2:00 – 3:00**

## **Assessment of the Lingual Frenum and Orofacial Myofunctional Therapy**

**Irene Marchesan, Ph.D., 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.

**Learning Objectives: Identify restricted lingual frenums & explore DX & TX as well as links to unfavourable oral functions and craniofacial growth patterns**

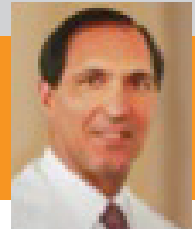
**Irene Marchesan, PhD SLP** is a Research Associate at CEFAC, Department of Orofacial Myofunctional Therapy. She is world-renowned in this field having authored over 300 articles and books and presided over 400 thesis defences. She has over 30 years of experience in research and clinical practice in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



**3:00 – 4:00**

## **Introduction to the Field of Dental Speech Therapy**

**Mark Abramson, DDS**



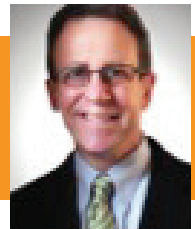
This presentation will offer an innovative interdisciplinary team approach for speech therapy. Proper oral function depends on proper tongue function. Oral myology and speech pathology face the difficult challenges of changing the very primitive oral function reflexes. Dentistry can take an important role with appliances that affect the root of the tongue and correct the pattern of tongue position and movement. The design and use of a tongue positioning appliance during sleep, which changed the dynamics of the throat and tongue will be presented.

### **Learning Objectives: Incorporate principles of dentistry into speech therapy to optimize standard of care in Ortho patients**

**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.

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

**Clifford Yurman, MBA**



Before the Internet, dentists, doctors and related practitioners relied heavily on word-of-mouth referrals as a major source of new patients. That is still true today, but with a twist - before deciding to contact your office, prospects will want to know. Do you have great online reviews? Do you have a current website? Are you a subject matter expert? Should any of these elements be missing, prospects just might decide to call someone else.

In this lecture, we'll explore how you can give prospective patients a reason to call your office, instead of the competition. We'll review classic strategies for engaging in social media, like Facebook, Twitter and YouTube. And we'll learn how to ensure that prospective patients discover great online reviews for your practice.

### **Learning Objectives: Apply some strategies to use social media & online presence to develop one's practice whilst educating the public.**

**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.

# Sunday April 27th

**8:00 – 8:30**

## **The Future of Myofunctional Therapy**

**Marc R. Moeller, BA**



Orofacial Myofunctional Therapy has existed in some form in the USA since the 1950s. Only recently has it started to gain academic attention in the top levels of American healthcare research. This lecture will provide an overview of the Academy of Applied Myofunctional Sciences' vision to bring this important field into becoming a standard of care.

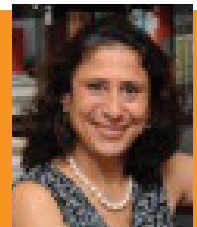
**Learning Objectives: Identify critical importance of OMT within a multidisciplinary delivery of care.**

**Marc Richard Moeller** is the Managing Director of the Academy of Orofacial Myofunctional Therapy, the North American leader in education, writing, and research in the field and is co-founder and Executive Director of the Academy of Applied Myofunctional Sciences.

**8:30 – 9:30**

## **Building a Health Care Profession: How Orofacial Myofunctional Therapy Became the Standard of Care in Brazil**

**Irene Marchesan, Ph.D., SLP**



How do we take an emerging health care therapy and institutionalize it, putting it in academic curricula, insurance coverage, and standards of care? This presentation and interview will chart the journey of Orofacial Myofunctional Therapy in Brazil, from 1/2 day CEU courses to evidence based research in the best scientific journals and universities, federal licensing, and becoming a standard of care.

**Learning Objectives: Identify critical steps further integrate OMT into Higher Education & Standards of Care**

**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 defences.

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.

**9:30 – 10:30**

**Round Table – Moving Toward OMT as a Standard of Care**

**Marc R. Moeller, BA**



Orofacial Myofunctional Therapy has existed in some form in the USA since the 1950s. Only recently has it started to gain academic attention in the top levels of American healthcare research. This lecture will provide an overview of the Academy of Applied Myofunctional Sciences' vision to bring this important field into becoming a standard of care.

**Learning Objectives: How to implement strategies to bring Orofacial Myofunctional Therapy to the forefront of standard of care.**

**10:45 – 12:00**

**A New Diagnostic Model for OMT**

**Joy Moeller, BS, RDH, Licia Paskay, MS, CCC-SLP**



A new diagnostic tool to assess Orofacial Myofunctional Disorders (OMD) will be presented, including the 20 top OMDs, how myofunctional therapy addresses them, and what may occur if myofunctional therapy is not done. This is designed to explain to patients and for interdisciplinary partners to identify patients in need of OMT.

**Learning Objectives: Use a simple checklist to explain OMD's (Orofacial Myofunctional Disorders) to patient referrals**

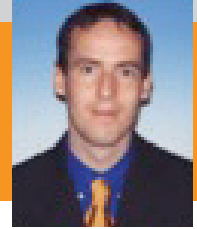
**Licia Coceani Paskay, MS, CCC-SLP** is a combined speech and language pathologist and myofunctional therapist who practices in Culver City. She teaches OMT with Joy Moeller and shares her expertise regularly. She is renowned around the world and spoke last August in Italy at the IALP meeting, and in November spoke in Chicago at the ASHA meeting. She is a Director of the Academy of Orofacial Myofunctional Therapy and founding president of the Academy of Applied Myofunctional Sciences.

**Joy Lea Moeller, BS, RDH** is a leader in the field of Orofacial Myofunctional Therapy, lecturing and teaching courses around the world for more than 25 years. She is a founder and Director of the Academy of Orofacial Myofunctional Therapy and a founding Director of the Academy of Applied Myofunctional Sciences.

**1:00 – 2:00**

**Buteyko Breathing Technique Together With Myofunctional Therapy**

**Patrick McKeown, MA**



International respiratory practitioner and author, Patrick McKeown, will guide you step by step to recognize breathing pattern disorders, teach scientifically proven breathing exercises to immediately decongest your patient's nose and normalize breathing volume. Efficacious respiratory therapy for rhinitis, asthma, sleep disordered breathing and craniofacial development.

**Learning Objectives: Educate patient on importance of nasal breathing & identify TX modalities to establish nasal breathing**

Patrick McKeown has an MA and a Diploma in the Buteyko Method. He is the author of seven books addressing dysfunctional breathing for asthma, rhinitis, sleep disorders, anxiety, craniofacial changes, and sports. He is a leading international lecturer and instructor in methods to address dysfunctional breathing.

**2:00 – 3:00**

**The Critical Role of Myofunctional Therapy in Sleep Medicine**

**Michael Gelb, DDS**



Myofunctional therapy is a vital part of an AirwayCentric(TM) treatment protocol. Airway development and maintenance is dependent on tongue mobility, function, as well as proper rest oral posture and orofacial tone. Prevention and management of SDB and optimal brain development require a collaborative approach that includes the myofunctional therapist.

**Learning Objectives: Apply Orofacial Myofunctional Therapy strategies to manage patients SDB & identify connections between Orofacial Myofunctional Disorders & SDB**

Michael Gelb is co-founder of the AAPMD, Clinical Professor and former director of the New York University TMD and Orofacial Pain Program, member of the American Academy of Orofacial Pain and a Diplomate of the American Academy Board of Orofacial Pain. Director of the Gelb Center, he holds patents for the proprietary design of oral appliances.

**3:15 – 4:15**

**Myo + Ortho: A Collaborative Preventive Health Care Model**

**William Hang, DDS**



Myofunctional therapy, started early enough and practiced diligently, can almost eliminate the need for orthodontics! But sometimes there is so much change from poor oral posture in very young children that myofunctional therapy needs the help of orthodontics. Dr. Hang has seen the dramatic changes that can be made when the myofunctional therapist and orthodontist/orthotropist work in collaboration to help children and adults have proper rest oral posture.

**Learning Objectives: Integrate Orofacial Myofunctional Therapy in Orthodontics to intercept & resolve craniofacial, TMJ & Sleep Issues**

**William Hang** is an international speaker on the Biobloc technique, orthodontics and the posterior airway space, guidance of tooth eruption and prevention of tooth impaction, facial esthetics and sleep apnea's relationship to facial development. Bill is a lecturer at Harvard University Orthodontic Program, American Association of Orthodontics, and the American Academy of Craniofacial Pain amongst many others. He is current president of the North American Association for Facial Growth Guidance. Dr. Hang teaches the Biobloc Orthotropics Technique in a renowned residency program.

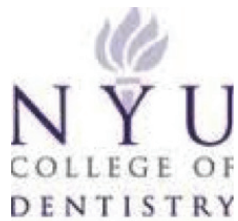
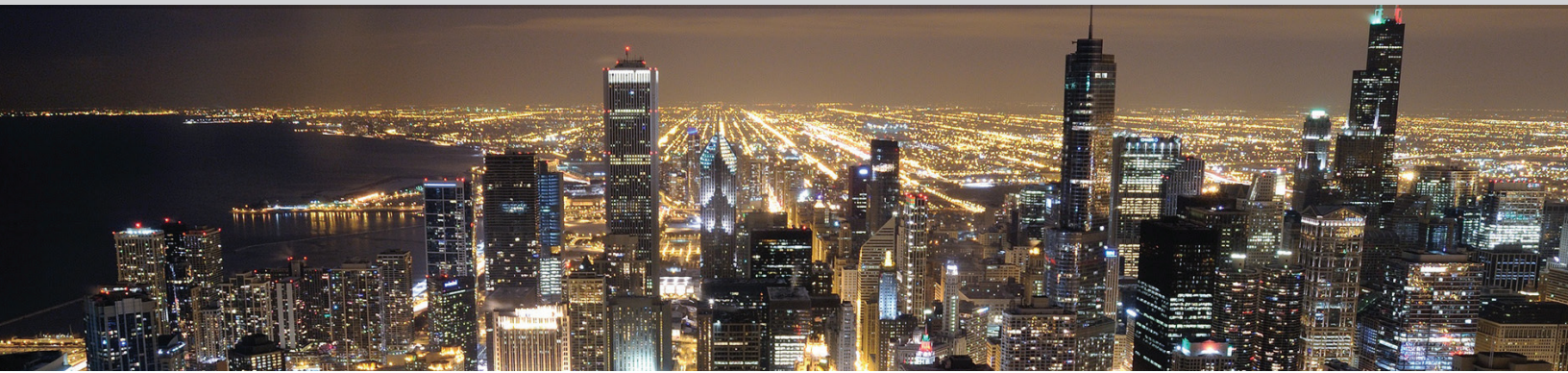
# Target Audience:

SLPs, Myofunctional Therapists, RDHs, Orthodontists, Dentists, Pediatric Dentists, Sleep Specialists, Pediatricians, ENT's, Allergists, DOs, MDs, Oral Surgeons, Physical Therapists, Occupational Therapists, Chiropractors, Orofacial Pain Specialists, and the General Public

**Learning Objectives:** Provide info to patient re: Identification & Treatment of Orofacial Myofunctional Disorders

**Learning Objectives:** Evaluate the benefits of OMT to many other health disciplines.

**CEUs:** 21.75 hours of lecture conferring 21 (ADA CERP) hours of applicable lecture for Dental and Speech Language Pathology professionals (2.1 units of ASHA CEUs) CE:



## CDE Credits provided for Dentist and Hygienists by NYU College of Dentistry

NYU College of Dentistry is an ADA CERP Recognized Provider. ADA CERP is a service of the American Dental Association to assist dental professionals in identifying quality providers of continuing dental education. ADA CERP does not approve or endorse individual courses or instructors, nor does it imply acceptance of credit hours by boards of dentistry.



The Oregon Speech-Language-Hearing Association is approved by the Continuing Education Board of the American Speech-Language-Hearing Association (ASHA) to provide continuing education activities in speech-language pathology and audiology. **See course information for number of ASHA CEUs, instructional level and content area.** ASHA CE Provider approval does not imply endorsement of course content, specific products or clinical procedures.

(This course is offered for 2.1 ASHA CEUs, Intermediate Level, Professional Area)



# Speaker Disclosures

**Kent Smith, DDS, D-ABDSM**, Sleep Hygiene: Sleep is not a Four-Letter Word, in private practice in Dallas, TX

**Disclosure:** Financial—Dr. Smith hosts a weekly radio program on sleep disorders, “The Sleep Doctor,” for which he is compensated and is creator of the “Best Sleep Hygiene” app; Non-Financial—Dr. Smith has no relevant non-financial relationships.

**W. Lee Cowden, MD, MD(H)**, Dental-Structural Relationships Critical to Health, in private practice in Phoenix, AZ

**Disclosure:** Financial—Dr. Cowden is creator of the Cowden Support Protocol for Lyme Disease for Bionatus, for which he receives compensation; Non-Financial—Dr. Cowden is Chairman of the Scientific Advisory Board of the Academy of Comprehensive Integrative Medicine of Panama.

**William J. Walsh, Ph.D.**, The Role of Biochemistry in Dentistry, is a research scientist and president of the non-profit Walsh Research Institute near Chicago.

**Disclosure:** Financial—Dr. Walsh is author of a book, Nutrient Power, for which he receives royalties; Non-Financial: Dr. Walsh has no relevant nonfinancial relationships.

**Julian Thayer, Ph.D.**, Heart Rate Variability, is Ohio Eminent Scholar Professor in Health Psychology, Ohio State University.

**Disclosure:** Financial—Dr. Thayer is author of Introduction to Variance Analysis for which he receives royalties; Non-Financial—Dr. Thayer is currently the President of the Rocky Mountain Bioengineering Symposium and President Elect of the Academy of Behavioral Medicine Research.

**Dan Sindelar, DMD**, Oral Biofilm, Oral Inflammation and Cardiovascular Disease, is in private practice in Saint Louis, MO.

**Disclosure:** Financial—Dr. Sindelar is author of the book Refresh Life, for which he receives royalties; Non-Financial-- Dr. Sindelar co-founded The American Academy for Oral Systemic Health.

**Francisco Eraso, MSD**, Interpretation and Utilization of Radiological Imaging, is in private practice in Indianapolis, IN.

**Disclosure:** Financial—Dr. Eraso is a founder of Beamreaders, Inc. Diagnostic Services for which he receives compensation; Non-Financial—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.

**Jeffrey Hindin, DDS**, A Collaborative and Physiologic Approach to Improving Performance, Reducing Injury and Speeding Recovery, is in private practice at the Hindin Center in Suffern, NY.

**Disclosure:** Financial—Dr. Hindin is a co-founder of TAD Systems, LLC for which he receives compensation; Non-Financial—Dr. Hindin is an instructor for the Biofeedback Foundation of Europe and on the Board for the AAPMD.

**Burt Reed, P.T., OCS, FAAOMPT**, A Collaborative and Physiologic Approach to Improving Performance, Reducing Injury and Speeding Recovery, has 13 locations for Mountain River Physical Therapy, in West Virginia, Ohio, Virginia, Florida, and Pennsylvania.

**Disclosure:** Financial—Mr. Reed has no relevant financial disclosures; Non-Financial: Mr. Reed has no relevant nonfinancial disclosures.

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