# The silent airway problem that can impact a child's brain development.

A full-day multidisciplinary symposium for physicians, dentists, healthcare practitioners, educators and the public to stimulate awareness and prevention of breathing issues.

Saturday, October 6, 2012 8:30 AM – 5:30 PM NYU College of Dentistry Saklad Auditorium 345 E. 24th Street - NYC

Presented by **American Association of Physiological Medicine & Dentistry**A multidisciplinary organization dedicated to airway health.



# The silent airway problem that can impact a child's brain development.

Compromised airway function is often overlooked. By parents, by physicians, by dentists, by other healthcare practitioners. But study after study has shown that the airway is critical to a child's health, breathing and brain development throughout his or her life, when awake and asleep.

Learn how certain signs in a child demonstrate unhealthy breathing which can lead to serious impediments to brain development, including impaired attention, behavioral inhibition and socio-emotional behaviors.

Learn how multidisciplinary teamwork can flag potential problems, starting in infancy, and alleviate existing problems.

Learn the value of breast-feeding, the perils of tooth extractions.

Improved airway function can be achieved at any age.



# **About AAPMD**

The American Association 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 consumers and medical and healthcare practitioners is the mission of AAPMD.

Help us alleviate this often-misunderstood or neglected problem by promoting restorative sleep and healthy airways — leading to healthy breathing, leading to healthy children.



This continuing education activity has been planned and implemented in accordance with the standards of the ADA Continuing Education Recognition Program (ADA CERP) through joint efforts between New York University College of Dentistry and the American Association of Physiological Medicine & Dentistry.

# Saturday, October 6, 2012

# The Child's Airway: A Key for Optimal Sleep and Brain Development

Karen Bonuck, PhD - Author of landmark study on sleep disorders and neurobehavioral issues will discuss the study and its implications.

### Physiological Basis of Upper Airway Obstruction in the Pediatric Patient

Steven Sheldon, MD, DABSM - The increasing incidence of sleep disorders in infants and children requires an understanding of the structure and functioning of the upper airway. The traditional treatment for these conditions will also be discussed.

### **Neurobehavioral Implications of Sleep Disordered Breathing**

Philip Cooper, DDS - Explore the neurological co-morbidities; medical/biological and social/economical, resulting from poor sleep regimens. The "Critical Period", 3-5 years old, in brain development is pivotal for long term health and well being.

# **Building Balanced Faces and Healthy Airways: Establishing a New Paradigm**

William Hang, DDS, MSD - Treatment to develop the face forward for growing individuals and to reverse previous retractive orthodontics in adults will be presented as the new paradigm to improve the facial balance and the airway.

### Inflammation, Swelling & Sleep in Children: The ENT Perspective

Ofer Jacobowitz, MD, PhD - How does allergy and its treatment affect sleep, anatomy and function? How might airway inflammation affect our children? What interventions are available?

## **Orofacial Myo-Functional Therapy in a Multidisciplinary Approach**

Marc Moeller - Evaluation of children's airway issues is a multidisciplinary collaboration. Assessment and treatment of functional and postural disorders of the tongue, lips and other structures by an Orofacial myologist is an essential component of a team approach.

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

# ADA C·E·R·P® | Continuing Education Recognition Program

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 endourse individual courses or instructors, nor does it imply acceptance of credit hours by boards of dentistry.

# **Speakers**



Karen Bonuck, PhD: Professor of Family and Social Medicine, Obstetrics, Gynecology, Women's Health, Albert Einstein College of Medicine. Studies epidemiology of pediatric sleep problems and their functional effects, particularly in children with developmental disabilities/delays. Pediatrics article highlighted 50% increased risk of social/emotional and behavioral problems among children with early symptoms of sleep disordered breathing.



Philip Cooper, DDS: A native of Savannah, Georgia. He is a graduate of Meharry Medical College — School of Dentistry. Co-Founder, Chief Investigator for Smiles Are Meaningful, Inc., research organization whose focus is the impact of Sleep Apnea on growth and development in African American Children. Author of, "Why? African American Children Cannot Read", the negative impact of Sleep Apnea on children's reading ability.



William M. Hang, DDS, MSD: International speaker on the Biobloc technique, orthodontics and the Posterior Airway Space, guidance of tooth eruption and prevention of tooth impaction, facial esthetics, and obstructive Sleep Apnea's relationship to facial development. Lecturer at Harvard University Orthodontic Program, American Association of Orthodontists. International Association for Orthodontists. President of North American Association of Facial Orthotropics.



Ofer Jacobowitz, M.D., PhD. FAASM, FAAOA: Graduated from MIT with an SB degree in life sciences. Ph.D. in Pharmacology and an MD degree from Mount Sinai. Board certified in otolaryngology / Head and Neck Surgery, Sleep Medicine, and is a fellow of the American Academy of Sleep Medicine and the American Academy of Otolaryngic Allergy. He is Chair of the sleep-related breathing disorders section of the American Academy of Sleep Medicine.



Marc Richard Moeller, BA: Managing Director the Academy of Orofacial Myofunctional Therapy (AOMT). Majority of career in business banking with experience in sales management, sales and marketing strategy, and integration of vertical business units across complimentary business lines. North American Director of the JPMorgan Chase Merchant Services Business Banking unit he managed to increase business by over 500% within two years.



Stephen H. Sheldon, D.O., F.A.A.P.: Professor of Pediatrics, Northwestern University, Feinberg School of Medicine and Director of Sleep Medicine Center Lurie Children's Hospital of Chicago. Active in clinical practice of pediatric sleep medicine. Member 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.

# **Conference fees**

Category	Fee	<b>AAPMD Member Fee</b>
		(with symposium)
MDs, DDS,	\$295.00	\$200.00
Practitioners other	\$125.00	\$85.00
(Nurse, Hygienist, OT, PT)		
Public	\$50.00	

# **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

# **Directions to NYU College of Denistry:**

# By Bus:

M23-Crosstown to 1st Ave. & 23rd St.

M15-Uptown to 1st Ave. & 25th St.

M15-Downtown to 2nd Ave & 25th St.

M21-Soho to 1st Ave. & 26th St.

### By Car:

Take FDR Drive to 23rd St. exit

# By Subway:

Take the #6 train to 23rd St.

Walk or take the M23 bus (east on 23rd. to 1st Ave.)