

# 2013 IAO Annual Meeting

A MULTIDISCIPLINARY APPROACH TO ORTHODONTICS



Sheraton Universal ★ Universal City, California

April 10 - 14, 2013



INTERNATIONAL  
ASSOCIATION  
FOR ORTHODONTICS

THE ORTHODONTIC MEETING OF CHOICE FOR  
General Dentists, Pediatric Dentists, Orthodontists and their staffs

# GENERAL INFORMATION

## Meeting Headquarters Hotel Reservation Information

Special sleeping room rates have been secured at the hotel. The rates are US \$189 for single and double occupancy (maximum occupancy per room is four people). Room reservations can be made by directly contacting The Sheraton Universal Hotel 888.627.7186 (for USA and Canada only) OR 818.627.1212 "Attention: Room Reservations." **Be sure to mention the "International Association for Orthodontics" when making your room reservations.**

**IMPORTANT:** These special room rates are good on or before March 18, 2013. After March 18th or before, if the IAO room block sells out, reservations will be accepted on a space availability basis and **the special room rate cannot be guaranteed.** The number of hotel rooms at this special group rate is limited and it is suggested that you make room reservations as early as possible.

## The Airports That Serve the Universal City / Los Angeles area

Burbank Bob Hope Airport (BUR) and Los Angeles International Airport (LAX) both have numerous daily flights with a good selection of airlines to choose from. LAX is much larger, but Burbank is closer.

## For Dentists Living Outside the United States and Canada

When planning to attend the 2013 IAO Annual Meeting, be sure that you make travel arrangements well in advance. This includes obtaining all necessary visas to enter the United States. Check with your local United States Embassy or Consulate for your nationality's requirements for visiting the United States. The IAO headquarters office will gladly send interested dentists an official invitation to attend the annual meeting if requested.

## Universal City Area Attractions

For information regarding many attractions, visit Universal Studios <http://www.universalstudioshollywood.com>.

## About the IAO

- The International Association for Orthodontics (IAO) is the oldest national and international non-specialty orthodontic group in existence.
- The IAO has a worldwide membership of nearly 3,800 general, pediatric and other dentists.
- The IAO has approximately 50 IAO recognized study clubs worldwide.
- The IAO was formed in 1961 to promote national and international cooperation in the orthodontic field of dentistry.
- The IAO maintains "tier" membership categories for dentists to promote and recognize continuing orthodontic education excellence for its members.

## Advisement

Doctors are cautioned against the use of limited knowledge when incorporating techniques and procedures into their practices, especially when a session has not provided them with the necessary supervised clinical experience in the technique or procedure to ensure that they have attained competence.

## Cancellation and Refund Policy

All paid meeting registrations will be refunded totally on or before March 13, 2013. Paid registration cancellations between March 14, 2013 and April 10, 2013 will be refunded half of the registration paid. There will be no refunds made after April 10, 2013. In the unlikely event that the IAO Annual Meeting is cancelled, a full refund will be made to all advanced registrants. Cancellation of an individual speaker will not be cause for a refund.

## Annual Meeting Objectives

This information can be found at [www.iaortho.org](http://www.iaortho.org).

## For Further Questions Contact the International Association for Orthodontics:

750 North Lincoln Memorial Drive, Suite 422 • Milwaukee, Wisconsin 53202 USA  
Telephone: 800.447.8770 (USA and Canada) or +414.272.2757 • Fax: +414.272.2754  
E-mail: [WorldHeadquarters@iaortho.org](mailto:WorldHeadquarters@iaortho.org) • Website: [www.iaortho.org](http://www.iaortho.org)

# SPECIAL INTEREST

## Complimentary Continental Breakfast

There will be a free continental breakfast between 7:30 AM and 9:00 AM on the mornings of Thursday, April 11, 2013, Friday, April 12, 2013 and Saturday, April 13, 2013. Breakfast will be in the foyer next to the IAO Registration booth. This will be a courtesy to all persons registered for the meeting.

## IAO Continuing Education Provider Recognition and IAO Course Recording Program



ADA CERP<sup>®</sup> Continuing Education Provider Recognition

The IAO 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. Concerns or complaints about a CE provider may be directed to the provider or to the ADA CERP at [www.ada.org/goto/cerp](http://www.ada.org/goto/cerp). The formal continuing education programs of this program provider are accepted by AGD for Fellowship/ Mastership credit. The current term of acceptance extends from 11/2010 - 12/2014. IAO Members who attend the 2013 IAO Annual Meeting will, after they submit their participation forms, have their courses recorded with the IAO Continuing Education Course Recording Program that is used in determining IAO membership tier advancement.

## The Annual Banquet and General Assembly Luncheon

Make plans to attend two popular annual meeting functions. **On Friday, April 12th, the General Assembly Luncheon** will take place. Enjoy lunch and participate in the association's yearly general membership meeting. The luncheon is included in the Dentist and Auxiliary/Staff registration fees. For others the charge is US \$50. **The Annual Banquet is scheduled for Saturday, April 13th.** There will be a no-host reception before the banquet at 7:00 PM. Dinner begins at 8:00 PM with live entertainment provided after the meal and program. This banquet is included in the Dentist, Spouse/Guest and Auxiliary/Staff registration fees. For others the charge is US \$75.

## The Exhibit Hall – Your Orthodontic Marketplace!

The 2013 IAO Annual Meeting's Exhibit Hall will feature exhibits from national and international vendors that provide both equipment and services to dentists who practice orthodontics. Attendees will have an opportunity to meet knowledgeable representatives who will answer their questions. The Exhibit Hall is open to all registered attendees. All breaks will be at the Exhibit Hall. **Don't miss the IAO President's Reception in honor of IAO President Dr. Mike Lowry, held in the Exhibit Hall Thursday evening, April 11, 2013 between 5:00 PM and 7:00 PM.**

*Vendors exhibiting in the exhibit hall are not endorsed in any manner by the association.*

## The Exhibit Hall hours are as follows:

### Thursday, April 11th

5:00 PM – 7:00 PM

### Friday, April 12th

9:00 AM – 12:00 PM and 1:00 PM – 6:30 PM

### Saturday, April 13th

9:00 AM – 4:00 PM

## Table Clinics and Case Displays

Table clinics and case displays prepared by IAO members will be presented on Saturday, April 13, 2013 between 12:00 PM and 2:00 PM in the exhibit hall. Successful IBO candidates will also display their best cases. This is always an excellent learning opportunity for attendees. If you wish to participate as a presenter, **you must sign up by April 10th**, please contact the IAO headquarters office for an application or go to [www.iaortho.org](http://www.iaortho.org) to apply online.

## IAO Tier Advancement Case Reviews and Check-Off Sessions

Bring your IAO Tier Advancement Cases to California to be reviewed. IAO Education Committee Examiners will be available to review and check-off IAO Fellow cases. These representatives will also be available at the sessions to answer individual questions regarding tier advancement. IAO members interested in participating at these sessions need to make individual appointments in Universal City as they register for the annual meeting at the registration desk.

## The case check-off sessions will be:

**Friday, April 12th & Saturday, April 13th**

**1:30 PM – 5:00 PM**

*Times subject to change*

## **Returning Again This Year! Wake Up With The 6:00 AM Stretch with Dr. Ed Delz**

**Thursday, April 11th ; Friday, April 12th; & Saturday, April 13th, 2013**

**6:05 AM – 7:00 AM**

From 1996 to 1998 Dr. Delz watched his body deteriorate due to end stage liver disease. After a liver transplant in 1998 he started to reclaim his body thru daily exercise. Dr. Delz started the practice of Aikido two months after the transplant and tested for black belt in 2009. This program will keep you alive and fit for your lifetime. Each morning the same program will be presented, but new material will be added each day for the previous attendees. To watch Dr. Delz perform Aikido, go to: [www.youtube.com](http://www.youtube.com) and search for "Ed Delz". **P.S. This is about FUN, not how good anyone is; no prior experience is necessary!** The morning warm-up will include standing, sitting, static, dynamic, and motion stretches and exercises, partner stretches, the Three Balanced Position Movements, the Secret Movement that will protect your posture at the chair, the Secret Movement to Stable Balanced Movement, and a simple daily practice that will protect your body for a lifetime!

## **New This Year! Reward Your Auxiliary / Staff**

Reward your auxilliary/staff with one full lecture day for continuing education credits paired with one day of tours and shopping in Hollywood and Beverly Hills. Friday, April 12th your staff will have a full day of lectures complete with breakfast and lunch. Saturday, April 13th your staff hops onto the tour bus, sees the sights of Hollywood and shops 'til they drop on the famous Rodeo Drive. Then they are back in time for the Annual Banquet.

## **Spouse/Guest Program**

### **The Getty Center & Farmers Market at The Grove**

**Friday, April 12th, 2013**

**9:30 AM – 5:00 PM**

The Getty Center, J. Paul Getty's artistic legacy, is one of the most sought after destinations in town. The Getty Center is situated in the foothills of the Santa Monica Mountains and is known not only for its collection of American & European artwork, but for its magnificent design and breathtaking view. Designed by world-renowned architect Richard Meier, the Getty Center uses an innovative layout and the largest import of Italian Travertine marble in the United States. Van Gogh's *Irises* are part of the permanent collection along with other notable works featured in one of the five pavilions. The Getty offers different dining options for lunch or a snack. Guests will then be transported to the legendary Farmers Market. This historical spot was established in 1934 when local farmers pulled their trucks onto an expanse of empty land and sold their product from the tailgates of their vehicles. Locals flocked to this hotspot and the area quickly developed to include wooden stalls and a *Village Square* that included artisans selling handmade goods. Today, the stalls remain and an eclectic mix of vendors who supply patrons with international cuisine and handicrafts continuing the legacy of this Los Angeles attraction. Adjacent to the Farmers Market is its modern counterpart, *The Grove*, an outdoor shopping and entertainment center. Visitors meander the plazas that branch off from the main street where a trolley takes passengers from one end to another. Locals and tourists alike are also found lounging around the lush public park in the heart of the action where live entertainment occurs almost daily.

**Lunch is on your own. Cost: Included with Spouse/Guest registration fee. For others, the fee is US \$65.**

## **Lights, Camera, Glamour!**

**Saturday, April 13th, 2013**

**10:00 AM – 4:00 PM**

Take a trip through the path of a celebrity. Where do they eat, what do they do and how does the city of Los Angeles maintain its status as the capital of the entertainment industry? The tour begins in Hollywood and will allow guests to see some of the coveted sights up close. Step onto the footprints of Hollywood legends at Grauman's Chinese Theater and search for their stars on the Walk of Fame. This spot continues to host many of the world's premieres and screenings along with the El Capitan across the street. It's these theatres, film shoots and live tapings like *Jimmy Kimmel Live* that make this historic core of Hollywood a central spot for the industry. Just adjacent to the Grauman's is the Dolby Theater, home to the Academy Awards. The group will then travel through West Hollywood. Cruise down the famous Sunset Strip featuring such well known nightclubs as the Whisky, where Jim Morrison and the Doors played, the Viper Room and the Roxy. These venues lining *The Strip* continue to showcase up-and-coming musicians hoping to make their big break. The final destination is the ever-fabulous Beverly Hills, where the glitz and glamour come to life. The crème de la crème of shopping experiences on Rodeo Drive will give the guests a glimpse of the drama and spectacle of the specialty boutiques and fashion houses.

**Cost: Included with Spouse/Guest and Auxiliary/Staff registration fee. For others, the fee is US \$55.**

# SCHEDULE

## Wednesday, April 10, 2013

- 8:00 AM – 5:00PM IBO Board Meeting
- 8:00 AM – 5:00PM IBO Case and Written Examinations
- 5:00 PM – 7:00PM IAO Annual Budget/Finance Committee Meeting
- 5:00 PM – 7:00PM IAO Strategic Planning Committee Meeting
- 7:00 PM – 9:00PM IAO Education Committee Meeting

## Thursday, April 11, 2013

- 6:05 AM – 7:00 AM Dr. Ed Delz: The 6AM Stretch
- 7:00 AM – 7:00 PM Meeting and Exhibitors Registration Desk Open
- 7:30 AM – 9:00 AM Continental Breakfast (1)
- 8:00 AM – 4:00 PM IAO Executive Board Meeting
- 8:00 AM – 5:00 PM Dr. Derek Mahony: "Interceptive Orthodontic Treatment In The Mixed Dentition"
- 12:00 PM – 12:45 PM IAO Board Luncheon
- 5:00 PM – 7:00 PM IAO President's Reception in Exhibit Hall (1)
- 7:00 PM – 8:00 PM Dr. Partha Boruah: "Electromyography "
- 7:00 PM – 8:00 PM Drs. Kenneth Lau and Joseph Perry: "Occlusion Supported A-Position"

## Friday, April 12, 2013

- 6:05 AM – 7:00 AM Dr. Ed Delz: The 6AM Stretch
- 7:15 AM – 5:00 PM Meeting Registration Desk Open
- 7:30 AM – 9:00 AM Continental Breakfast (1)
- 8:00 AM – 10:00 AM Dr. Jose Flores: "New Trends In The Diagnosis and Treatment of Snoring and Sleep Apnea in Children. The Concept of the Biosleep-Flore and The Dentists Role. (*Nuevas Propuestas de Diagnostico y Tratamiento del Ronquido y la Apnea Obstructiva del Sueño en los Niños. El Concepto Biosleep-Flores y Papel del Dentista*)" (sp)
- 8:00 AM – 12:00 PM Dr. Steve Olmos: "Why Physicians Are Asking Dentists To Provide Orthodontic Care For Apnea"
- 8:00 AM – 12:00 PM Dr. Hajjaj Al-Hajjaj: "Development and Surgical Approaches In Orthodontics. How To Achieve the Most Predictable Results"
- 8:00 AM – 12:00 PM Dr. Duane Keller: "TMJ Orthodontics or Orthodontics to Stable Upper Quadrant Relationships"
- 8:00 AM – 12:00 PM Dr. William Buckley: "Assistants Course for Comprehensive Tracing, Bolton & Chu Analysis and Arch Length Discrepancy" (tpb)
- 9:00 AM – 12:00 PM Exhibit Hall Open
- 9:30 AM – 5:00 PM Spouse/Guest Tour: The Getty Center and Farmers Market at The Grove (3)
- 10:00 AM – 10:15 AM Break in Exhibit Hall
- 10:30 AM – 12:00 PM Dr. Fernando Jaen: "The Role of Dentistry in Sleep Disorders (*El Rol del Dentista en Los Tratamientos de Desordenes del Sueño*) & Long-Term Effects of Occlusal Disease (*Efectos a Largo Plazo de la Enfermedad Oclusal*)" (sp)
- 12:15 PM – 1:30 PM IAO General Assembly Luncheon (2)
- 1:00 PM – 6:30 PM Exhibit Hall Open
- 1:30 PM – 5:00 PM IAO Tier Advancement Case Check-Offs (5)
- 2:00 PM – 5:00 PM Dr. Edmund Lipskis: "Surgical Cases Treated Non-Surgically"
- 2:00 PM – 5:00 PM Dr. Tarek El-Bialy: "Treatment Planning of Difficult Cases Using Clear Aligners"
- 2:00 PM – 5:00 PM Dr. Steve Galella: "Introduction to Rapid Smiles® Accelerated Cosmetic Orthodontics "
- 2:00 PM – 3:30 PM Dr. Jorge Learreta: "Early Treatment In Orthopedics And Orthodontics (*Tratamiento Temprano En Ortodoncia Y Ortopedia*)" (sp)
- 2:00 PM – 5:00 PM Dr. William Buckley (con't): "Assistants Course for Comprehensive Tracing, Bolton & Chu Analysis and Arch Length Discrepancy" (tpb)
- 3:30 PM – 3:45 PM Break in Exhibit Hall
- 4:00 PM – 5:30 PM Dr. Alvin Cardona: "Diagnosis and Treatment of Class III Malocclusions (*Diagnostico y Tratamiento de Maloclusiones Clases III*)" (sp)

## Saturday, April 13, 2013

6:05 AM	– 7:00 AM	Dr. Ed Delz: The 6AM Stretch
7:15 AM	– 5:00 PM	Meeting Registration Desk Open
7:30 AM	– 9:00 AM	Continental Breakfast (1)
8:00 AM	– 12:00 PM	Dr. Brock Rondeau: "The Relationship Between Orthodontics, TMD and Sleep Disorders "
8:00 AM	– 12:00 PM	Dr. Tom Mulligan: "Common Sense Mechanics in Everyday Orthodontics"
8:00 AM	– 12:00 PM	Dr. Cris Simmons: "Temporomandibular Disorders, Mythology or Science? "
8:00 AM	– 12:00 PM	Drs. Runar Johnson, Merle Loudon and Thai Nguyen: "The Importance of Occlusion in Balancing the Neuromuscular System, The Origin and Development of Malocclusions and The Many Advantages of Vertical Dimension-Primary Molar Build-ups and Early Orthodontic and Orthopedic Treatment in Children"
8:00 AM	– 12:00 PM	Dr. Coco Garcia: "Treatment Protocols for Class II and Class III Mixed and Adults"
9:00 AM	– 4:00 PM	Exhibit Hall Open
10:00 AM	– 10:15 AM	Break in Exhibit Hall
10:00 AM	– 4:00 PM	Spouse/Guest/Auxiliary/Staff Tour: Lights, Camera, Glamour! (3/4)
11:00 AM	– 12:00 PM	Set Up Table Clinics / Case Displays
12:00 PM	– 1:30 PM	IAO Past Presidents' Luncheon
12:00 PM	– 2:00 PM	Table Clinics and Case Displays
1:00 PM	– 1:30 PM	Sundae Dessert-A-Thon in Exhibit Hall
1:30 PM	– 5:00 PM	IAO Tier Advancement Case Check-Offs (5)
2:00 PM	– 5:00 PM	Dr. Skip Truitt: "Invisible Orthopedics and Orthodontics"
2:00 PM	– 5:00 PM	Dr. Tom Mulligan (con't): "Common Sense Mechanics in Everyday Orthodontics"
2:00 PM	– 5:00 PM	Dr. Terrance Spahl: "The SSV: Spahl Split Vertical Eruption Acceleration Appliance System "
2:00 PM	– 5:00 PM	Drs. Runar Johnson, Merle Loudon and Thai Nguyen(con't): "The Importance of Occlusion in Balancing the Neuromuscular System, The Origin and Development of Malocclusions and The Many Advantages of Vertical Dimension-Primary Molar Build-ups and Early Orthodontic and Orthopedic Treatment in Children"
2:00 AM	– 5:00 PM	Dr. Coco Garcia (con't): "Treatment Protocols for Class II and Class III Mixed and Adults"
7:00 PM	– 8:00 PM	No-Host Reception (1)
8:00 PM	– 11:00 PM	Annual Dinner with Entertainment (1)

## Sunday, April 14, 2013

7:45 AM	– 10:30 AM	Meeting Registration Desk Open
8:00 AM	– 12:00 PM	Drs. Cary Fraser and Kenneth Lee: "The A-Z of Orthodontics in a General Dental Practice for 2013 and Beyond"

### Schedule Subject to Change

Notes: (1) This activity is included in all registrations. Others not registered may purchase separate tickets.

(2) This activity is included in all registrations EXCEPT the Spouse/Guest registration fee.

(3) This activity included in Spouse/Guest registration fee only. Others must purchase separate tickets.

(4) This activity included in Auxiliary/Other Staff registration fee.

(5) Reservations for Check-Off for IAO Tier Advancement Cases must be made at the IAO Meeting Registration Desk in advance.

(sp) 2013 Spanish to English Translation Courses

(tbp) 2013 Team / Practice Building Course

# GENERAL PROGRAM



**Dr. Derek Mahony**

Sydney, AUSTRALIA

Thursday, April 11, 2013

8:00 AM – 12:00 Noon

3.75 CE Lecture Hours

2:00 PM – 5:00 PM

2.75 CE Lecture Hours

## INTERCEPTIVE ORTHODONTIC TREATMENT IN THE MIXED DENTITION

This lecture will cover the identification, evaluation, control and neutralization of worsening factors in a developing malocclusion. Dr. Mahony will review facial growth patterns and present a rational choice of diagnostic and therapeutic mixed dentition treatment procedures. Following the conclusion of this session, each attendee will be able to: minimize skeletal, dentoalveolar and muscular problems by the end of the transition to the permanent dentition, treatment plan how to take advantage of leeway space, provide the appropriate information to plan upper arch development and know which appliances are most effective and can correct harmful oral habits and reduce the likelihood of impacted permanent teeth.

Derek Mahony is a Specialist Orthodontist who has spoken to thousands of practitioners about the benefits of interceptive orthodontic treatment. Early in his career Dr. Mahony learned from leading clinicians the dramatic effect proper nasal respiration can afford patients in orthodontic treatment. He has promoted early ENT consultations, and normalized tongue posture, ever since. His lectures are based on the positive impact such a combined treatment approach has had on his orthodontic results and the benefits this philosophy provides from a practice management viewpoint. Dr. Mahony has been actively involved in research that links constricted maxillary arch forms to nasal breathing problems, adverse facial growth and systemic health problems such as nocturnal enuresis. He has presented over 400 lectures on orthodontic topics in more than 30 countries. As a practicing clinician, Dr. Mahony's research interests are in the etiology of malocclusion and the guidance of facial growth. Dr. Mahony is an IAO Master Senior Certified Instructor.



**Dr. Partha Boruah**

Calgary, Alberta CANADA

Thursday, April 11, 2013

7:00 PM – 8:00 PM

1.0 CE Lecture Hours

## ELECTROMYOGRAPHY

One of the most common problems encountered by clinicians performing orthodontics is the lack of understanding the muscle, and its effects on stability of finished cases. Dr. Boruah will show how to know each muscle function and its effect on end result. Following the conclusion of this session, each attendee will be able to: identify the appropriate muscle group and its action during the diagnostic phase, understand EMG(electromyography) and its application, provide the appropriate information to patients, identify the limitation so as to convey to the patient the post-treatment effectiveness and know how to deliver an effective post-treatment case presentation.

Partha P Boruah BDS, DMD, graduated from the University of Manitoba School of Dentistry and has attained his Fellowship from the AACD. He is a Certified Instructor for the IAO. Dr. Boruah is currently lecturing in various countries.

**To register your Table Clinic or Case Display**

**go to: [www.iaortho.org](http://www.iaortho.org)**



**Dr. Kenneth Lau**  
Pendleton, Indiana USA



**Dr. Joseph Perry**  
Leonardo, New Jersey USA

Thursday, April 11, 2013  
7:00 PM – 8:00 PM  
1.0 CE Lecture Hour

### **OCCLUSION SUPPORTED A-POSITION**

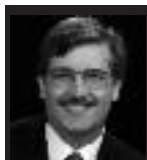
Frequent treatment failure is often because of the unsupported A-position. We will show you why A-position is necessary and should not be ignored. Following the conclusion of this session, each attendee will be able to: identify A-position with 3D cone beam and treatment plan for success in dentistry.

Kenneth Lau DDS, graduated from Indiana University, School of Dentistry. He attained Master in ICCMO, Fellowship in American Academy of Craniofacial Pain and is an IAO Senior Certified Instructor.

Dr. Perry is a graduate of Georgetown University School of Dentistry and Monmouth Medical Center General Dentistry Residency Training Program. He has completed all phases of the Society for Occlusal Studies restorative dentistry program, and the two-year hands on “Orthodontics for the General and Pedodontic Dentist” at the Institute for Graduate Dentists in New York City. Dr. Perry is an IAO Senior Certified Instructor.



**Dr. Steven Olmos**  
La Mesa, California USA



**Dr. Edmund Lipskis**  
St. Charles, Illinois USA

Friday, April 12, 2013  
8:00 AM – 12:00 Noon      2:00 PM – 5:00 PM  
3.75 CE Lecture Hours      2.75 CE Lecture Hours

### **WHY PHYSICIANS ARE ASKING DENTISTS TO PROVIDE ORTHODONTIC CARE FOR APNEA**

Christian Guillenmault, M.D., a world-renowned expert in sleep disordered breathing research from Stanford University, published an article in the June 2012 edition of *Sleep and Breathing* entitled, “Orthodontics and Sleep Disordered Breathing”. In his article he states: “Today the field of orthodontia plays an important role in the diagnosis and treatment of sleep disordered breathing syndromes. . .one can see that the role of dentists and orthodontists has become very important and will continue to grow even further in the years to come.” Utilizing the current literature produced at the University of Tennessee regarding bruxism and TM joint noises related to sleep disordered breathing, Dr. Steven Olmos will discuss the importance of the dentist using proper steps for screening, diagnosis and treatment planning for patients with sleep disorders and comorbid craniofacial pain. He will review pathophysiology of developing diabetes and cardiovascular diseases form OSA (obstructive sleep apnea) and demonstrate his system for delivery of care for the phase II craniofacial pain and apneic patients as well as childhood orthodontic care for apnea.

Clinicians attending this course will be able to: understand the comorbidity between sleep disordered breathing and craniofacial pain (TMD), understand the relationship of bruxism to RDI (respiratory disturbance index), provide successful screenings for sleep breathing disorders and TMD to their dental population (screening forms will be made available) and diagnose and treatment plan for the adult and adolescent apneic and comorbid TMD patient.



Dr. Steven Olmos has been in private practice for over 30 years with the last 20 years devoted to research and treatment of TMD, Craniofacial Pain and Sleep Disordered Breathing. He obtained his DDS from USC School of Dentistry and has continued his education with over 4,000 hours dedicated to research and treatment in the fields of mandibular orthopedic dysfunction and sleep disordered breathing. Dr. Olmos is the founder of TMJ & Sleep Therapy Centre International with 11 licensed centers worldwide dedicated exclusively to the diagnosis and treatment of these disorders. Dr. Olmos is an IAO Senior Certified Instructor.

## **SURGICAL CASES TREATED NON-SURGICALLY**

Most orthodontic practitioners are eventually faced with the dilemma of patients whose treatment ideally seems to warrant surgery, but for various reasons, many of these patients can't, or won't, agree to the surgical aspect of treatment. With today's treatment options, along with some newer technologies, these patients can often be treated predictably with excellent results, including beautiful smiles, improved airways and more attractive and balanced faces. Following the conclusion of this session, each attendee will be able to: identify cases that traditionally would have required surgical intervention for treatment that can successfully be treated without surgery, recognize airway issues and be able to treatment plan in a manner that will likely improve the patient's upper airway, understand how alternate treatment mechanics and non-surgical adjunctive therapies can be combined to enhance treatment outcomes, provide the appropriate information to obtain a comprehensive informed consent for these kinds of treatments and understand factors that affect the stability of these cases and how to both treat and retain these cases to maximize stability.

Upon graduation, Dr. Lipskis was asked to join the faculty at Loyola University, School of Dentistry, where he remained on the faculty until 1993. He has been in private practice in St. Charles, IL from 1981 to present, with an emphasis on Orthodontics, Dentofacial Orthopedics, TMD, and Sleep Disordered Breathing. He has co-authored 2 articles on bite registration with Dr. Derek Mahony on techniques for sleep appliances. In addition to other certifications, Dr. Lipskis is a Fellow of the IAO, a Fellow of the AACP, a Diplomate of the American Board of Craniofacial Pain (ABCP) and a Diplomate of the Academy of Clinical Sleep Disorders Disciplines (ACSDD). He currently serves on the Board of Directors for the ABCP and the AACP. He is also on the Faculty of the ACSDD.



**Dr. Hajjaj Al-Hajjaj**  
Red Deer, Alberta CANADA

Friday, April 12, 2013  
8:00 AM – 12:00 Noon  
3.75 CE Lecture Hours

## **DEVELOPMENT AND SURGICAL APPROACHES IN ORTHODONTICS, HOW TO ACHIEVE THE MOST PREDICTABLE RESULTS**

Does growth and development play a role in the surgical approaches that you chose to treat your patients? One of challenges that can complicate your orthodontic treatment is surgical cases. We will review growth and development and evaluate surgical approaches that can facilitate your treatment with predictable and excellent results that will satisfy your patients and give them a beautiful smile. Following the conclusion of this session, each attendee will be able to: identify the appropriate elements to include in a discussion with parents regarding the importance of orthodontic care, have a greater understanding of growth and development, provide the appropriate information to obtain consent for treatment, identify the elements and deliver an effective post-treatment case presentation.

Dr. Al-Hajjaj began his career by completing Advanced Education in General Dentistry (AEGD) at the University Of Pittsburgh, PA, then a General Practice Residency (GPR) at the University of Texas Health Sciences Center at San Antonio, TX. He practiced hospital dentistry for three years before he went on to complete his post-graduate studies in Oral and Maxillofacial Surgery and Master of Dentistry at the University of Manitoba. Dr. Al-Hajjaj joined Cancer Care Manitoba to complete his two year sub-specialty training in the head and neck surgical oncology. Dr. Al-Hajjaj moved to Red Deer, AB in 2009 where he is currently providing a full scope of Oral and Maxillofacial Surgery. He completed a Master of Business Administration (MBA) at McGill University. Dr. Al-Hajjaj is a Fellow of the Royal College of Dentists of Canada, Board Certified with the American Board of Oral and Maxillofacial Surgery, a board

member with the International Association of Oral and Maxillofacial Surgery, and Board Certified with the American Board of Aesthetic Medicine. He is current on faculty in the Department of Surgery at the University of Alberta, University of Manitoba and the American Board of Aesthetic Medicine. He is also an examiner for the Royal College of Dentists of Canada.



**Dr. Duane Keller**  
St. Louis, Missouri USA

Friday, April 12, 2013  
8:00 AM -12:00 Noon  
3.75 CE Lecture Hours

## **TMJ ORTHODONTICS OR ORTHODONTICS TO STABLE UPPER QUADRANT RELATIONSHIPS**

Conventional orthodontic corrections completed to the habitual bite, or whatever position happens to occur before, during or after treatment, is like playing Russian roulette. This type of practice may place the patient in a dysfunctional position that is not stable and can lead to complications that are unwarranted. Following the conclusion of this lecture, each attendee will be able to: understand that habitual bite is part of the cause of upper quadrant dysfunction, know that a treatment plan must include establishing the best functional relationship of the upper quadrant so orthodontic corrections can be provided that maintain this stable relationship (YOU DON'T KNOW WHAT YOU DON'T KNOW), identify that orthodontic corrections must be done to stable relationships (any other treatment to dysfunctional relationships places the patient and the provider in confrontational positions), and have knowledge that occlusion is the end result of a dynamic relationship of all the structures of the upper quadrant. These treatments are either completed to a harmonious or compromised association. Retreatment cases will be presented that demonstrate stable and functional associations.

Dr. Duane Keller is a general dentist that treats predominantly TMJ and upper quadrant dysfunction patients. He developed and uses the TMJ Orthodontic format for all his patients. He has been in private practice for 36 years retreating orthodontic failures and unstable patients to stable relationships. He is an IAO Master Senior Certified Instructor.



**Dr. Tarek El-Bialy**  
Edmonton, Alberta CANADA

Friday, April 12, 2013  
2:00 PM – 5:00 PM  
2.75 CE Lecture Hours

## **TREATMENT PLANNING OF DIFFICULT CASES USING CLEAR ALIGNERS**

Each patient is an individual, so each case is as well. Which cases are best for clear aligners? Following the conclusion of this session, each attendee will be able to: identify the limits where clear aligners can be used to treat orthodontic cases, treatment plan Class II and Class III cases to successfully obtain Class I occlusion, communicate to patients with difficult cases requiring clear aligners, be familiar with Aligners Retention protocol with clear aligners and troubleshoot bad oral hygiene cases during treatment.

Tarek El-Bialy obtained his BDS from Tanta University, Egypt, his MSc in Orthodontics from Tanta University, Egypt, a Law degree from Tanta University, Egypt, his MSc in Oral Sciences from University of Illinois at Chicago (UIC), an Ortho Certificate and PhD in Bioengineering from UIC, a Fellowship of the Royal College of Dentists of Canada and the American Board of Orthodontics and has received an Executive Masters of Business and Administration from the University of Alberta. Dr. El-Bialy has presented worldwide on Biomechanics in orthodontics, new techniques on preventing orthodontically induced root resorption and treatment of difficult cases with Invisalign.



**Dr. Steve Galella**  
Collierville, Tennessee USA

Friday, April 12, 2013  
2:00 PM – 5:00 PM  
2.75 CE Lecture Hours

## **INTRODUCTION TO RAPID SMILES® ACCELERATED COSMETIC ORTHODONTICS**

The Rapid Smiles® System is the pinnacle of safe cosmetic orthodontics. Experienced orthodontic practitioners and those who have never practiced orthodontics can utilize the Rapid Smiles® System. Rapid Smiles® furnishes each practitioner with a straightforward turnkey system of tools that take you through simplified bracketing, wire changes, de-bracketing and permanent retention. It alleviates the common side effects and time constraints seen with other cosmetic techniques. Using the Rapid Smiles® System any practitioner can efficiently, effectively, and safely cosmetically align the six anterior teeth in about 2-4 months without changing the bite or affecting the TMJ. The Rapid Smiles® System eliminates the barriers perceived by patients (wearing braces). Within your practice, you have hundreds of patients with crowding of the anterior teeth. This provides you with a never-ending resource of treatment possibilities! Rapid Smiles® is the affordable solution to your patients' esthetic concerns and maximizes your profit. At the conclusion of this lecture, attendees will know: the Rapid Smiles® treatment philosophy, how esthetic orthodontic tooth alignment is achieved in 2 – 4 months and the criteria for selecting the best cases to begin using Rapid Smiles®. Attendees will also be introduced to: Rapid Smiles® Consultations, the quickest road to YES! and Rapid Smiles® case studies.

Dr. Steve Galella is a graduate of the University of Tennessee College of Dentistry. Dr. Galella gained conclusive knowledge of airway function through research and working with facial trauma patients. Working closely with Otolaryngologists and Reconstructive Surgeons, he attained a precise understanding of airway problems, growth and development and facial beauty. Dr. Galella is an IAO Past President, and IAO Master Senior Certified Instructor and an IBO Diplomate.



**Dr. Brock Rondeau**  
London, Ontario CANADA

Saturday, April 13, 2013  
8:00 AM – 12:00 Noon  
3.75 CE Lecture Hours

## **THE RELATIONSHIP BETWEEN ORTHODONTICS, TMD AND SLEEP DISORDERS**

At the conclusion of this lecture, attendees will: be able to recognize the health consequences of failing to diagnose and treat malocclusions early, know that over 95% of children treated early with functional appliances can be treated without extractions of permanent teeth or orthognathic surgery, see firsthand the retreatment of orthodontic failures, i.e. Phase I jaw stabilization and Phase II orthodontic case finishing, learn which oral appliances to use to treat snoring and sleep apnea and how to take the bite for oral appliances.

Dr. Brock Rondeau is one of North America's most sought after clinicians, who lectures over 100 days per year. He is an IAO Master Senior Certified Instructor, and an IAO Past President. Over 19,000 dentists have attended his courses and study clubs in the United States, Canada, China, Australia, England and Poland. He has an extremely busy practice limited to the treatment of patients with orthodontic, snoring and sleep apnea and TMJ problems. Dr. Rondeau is an IBO Diplomate, and a Diplomate of the American Academy of Craniofacial Pain.



**Dr. Tom Mulligan**  
Phoenix, Arizona USA

Saturday, April 13, 2013  
8:00 AM -12:00 Noon      2:00 PM – 5:00 PM  
3.75 CE Lecture Hours      2.75 CE Lecture Hours

## **COMMON SENSE MECHANICS IN EVERYDAY ORTHODONTICS**

In this seminar you will discover that expensive brackets, preformed archwires, transpalatal arches, lingual arches, mom-compliant appliances, interarch mechanics, mandated full appliances, etc. can be almost entirely eliminated

from your practice without the reduction in quality orthodontic treatment. Following this seminar, each attendee will be able to: understand why desirable force systems can be applied in a non-complex manner, understand that what is taught may not be the best approach, apply predictable force systems in a simplified manner, minimize the various appliances and the cost involved and enjoy orthodontics more than ever with less stress.

Thomas F. Mulligan graduated from Marquette University with a DDS degree and received his orthodontic training at Indiana University with a MSD degree. Dr. Mulligan has lectured throughout the world for almost 50 years, authored three text books and contributed to several others. He has published 25 articles on biomechanics in the *Journal of Clinical Orthodontics* as well as numerous articles in both US and foreign journals.



**Dr. Cris Simmons**  
Seattle, Washington USA

Saturday, April 13, 2013  
8:00 AM – 12:00 NOON  
3.75 CE Lecture Hours

## **TEMPOROMANDIBULAR DISORDERS, MYTHOLOGY OR SCIENCE?**

Current diagnostic and treatment protocols for TMD-CFP offer significant relief to many patients. However, too often care is denied our clients due to professional misconceptions and confusion regarding current concepts. This presentation will provide participants with a solid basis for beginning or improving care for TMD-CFP patients. Following this presentation, each attendee will be able to: understand current TMD-CFP etiology, have had a broad introduction to current diagnostic and treatment modalities and perform a comprehensive clinical examination with systematic protocol which can be immediately utilized.

Cris Simmons, DDS graduated from University of Tennessee CHS. He has a mastership in the International College of Craniomandibular Orthopedics, Diplomate in the American Board of Craniofacial Pain, and Master of Excellence in the American Academy of Craniofacial Pain. He has limited his practice for the last 22 years to the diagnosis and treatment of TMD-CFP.



**Dr. Runar Johnson**  
Sequim, Washington USA



**Dr. Merle Loudon**  
East Wenatchee, Washington USA



**Dr. Thai Vinh Nguyen**  
Tacoma, Washington USA

Saturday, April 13, 2013  
8:00 AM -12:00 Noon      2:00 PM – 5:00 PM  
3.75 CE Lecture Hours      2.75 CE Lecture Hours

## **THE IMPORTANCE OF OCCLUSION IN BALANCING THE NEUROMUSCULAR SYSTEM**

At the conclusion of this lecture, attendees will be able to: illustrate the importance of structural balance in the body, demonstrate the need for the doctor to diagnose structural imbalance and show the steps necessary to orthodontically achieve structural balance. Attendees will take home the knowledge and understanding of how to avoid creating TMJ (TMD – Myofascial pain syndrome) during treatment and how to create neuromuscular balance in patients.

Dr. Runar D. Johnson graduated with a BA in Biology with chemistry minor, Carroll College, Helena, MT, pursued his DDS at St. Louis University School of Dentistry, St. Louis, MO, and became board certified in Integrative Biologic

Dental Medicine, Naturopathic Physician. He is a member of: The Professional Membership Holistic Dental Association, International Academy of Biological Dentistry and Medicine, American Academy of Biological Dentists, and the IAO.

## **THE ORIGIN AND DEVELOPMENT OF MALOCCLUSIONS. THE MANY ADVANTAGES OF VERTICAL DIMENSION-PRIMARY MOLAR BUILD-UPS**

Every dentist should be able to recognize ear infections and vertical deficiencies in children as young as four years old. Learning to detect and correct over-closed bites and Otis Media with effusion is something all dentists should be able to do with very little training. At the conclusion of this lecture, each attendee should be able to: understand how occlusions and malocclusions develop, know how it is such an advantage for diagnosis, treatment plans, habit detection, functional diagnosis and treatment, and understand straightwire fixed orthodontic treatment.

For the past 42 year, Dr. Loudon's practice has included Orthodontics and TM Dysfunction treatment. His specialty is temporomandibular pain treatment, headache control, functional jaw orthopedics and straightwire orthodontics. Associated with his TMJ treatment and control of pain is diet, parasite elimination, intestinal cleansing and healing(wellness). Dr. Loudon is an IBO Diplomate, IAO Master Senior Certified Instructor, and Past President of the IAO. He is a member of the: American Academy of Pain Management, the International Association of Oral Medicine and Toxicology, the American Association of Holistic Dental and the Cranio Facial Pain Association of Washington DC.

## **EARLY ORTHODONTIC AND ORTHOPEDIC TREATMENT IN CHILDREN**

Many severe malocclusions and imbalanced facial development in children are the result of the compromise of upper airway and poor habits. We will show the attendees several ways to identify the problems at an early age and utilize many appliance designs and their systematic approach that allows for a child's normal growth and development to prevent TMJ dysfunction in the future. Following the conclusion of this session, each attendee should be able to: identify the original causes of early malocclusion, imbalanced facial growth, and poor posture, provide a treatment plan for each individual case, design appropriate appliances and techniques to address the problem(s) and acquire systematic methods to treat cases using the combination of both appliances and fixed orthodontics.

Dr. Thai Vinh Nguyen obtained his Bachelor of Science in Biology and Doctor of Dental Surgery at the University of Washington. He is a General Dentist with a special interest in dentofacial orthopedics and orthodontics, and TMJ. He has accumulated over 1400 hours of CE credits, which focus on orthodontics, orthopedics, TMJ, and sleep apnea. His orthodontic treatment goal is not only straight teeth, but also a better facial profile, muscle harmony, and a healthy TMJ. Dr. Nguyen strongly believes that many of cases could be accomplished with early intervention and non-extraction treatment. He is a member of American Dental Association, Academy of General Dentistry, International Association of Orthodontics, and American Academy of Implant Dentistry. He is an IAO Certified Instructor and also is a founding member of the Northwest IAO Orthodontics-TMD Seminars Study Club.



**Dr. Coco Garcia**

North Prairie, Wisconsin USA

Saturday, April 13, 2013

8:00 AM -12:00 Noon

3.75 CE Lecture Hours

2:00 PM – 5:00 PM

2.75 CE Lecture Hours

## **TREATMENT PROTOCOLS FOR CLASS II AND III MIXED AND ADULTS**

This lecture will focus on updated protocols for Class II & III mixed and adults. At the conclusion of this lecture, each attendee will have: learned timing of functional appliances, determined when extractions are indicated and why, determined when extraction are not indicated and why, learned when to start treatment on Class II & III's and when to consider distalization of upper 1st molars.

Dr. B.H. "Coco" Garcia graduated from the ULA Mexico in 1981. He attained Diplomate status in 1989 and is an IAO Master Senior Certified Instructor. Dr. Garcia has taught in 18 countries and has authored a book and several articles on Class III Corrections in adult and growing patients.



**Dr. Skip Truitt**  
Gainesville, Texas USA

Saturday, April 13, 2013  
2:00 PM – 5:00 PM  
2.75 CE Lecture Hours

### **INVISIBLE ORTHOPEDICS AND ORTHODONTICS**

Dr. Truitt's presentation will show the clinician how to provide invisible orthopedic and orthodontic therapy for patients who do not want to see their appliances. The new Smile Tru appliance system offers the doctor four levels of treatment. This ranges from correcting only the six anterior teeth to complete full mouth therapy including the treatment of TMD. Offering an effective option to "fixed braces" can be a valuable asset to any orthodontic practice. Many patients decline treatment not because of the cost, but due to aesthetics and the impact on their daily lives. This presentation will provide the doctor and his or her staff with the information necessary to immediately incorporate Smile Tru into their practice.

Dr. Truitt received his Bachelor of Science degree from Texas Christian University and his Doctor of Dental Surgery degree from Baylor University. He has maintained a private dental practice in Gainesville, Texas, since 1967. He also acts as a consultant to other private medical and dental practices in Australia, Thailand, Singapore, South Africa, Mexico, Ireland, Norway, Germany, the United Kingdom, Canada, and the United States. His professional affiliations include the American & Texas Dental Associations and the Australian Association of Functional Orthodontics. Dr. Truitt has co-authored four text books and published numerous papers worldwide on the subjects of Maxillofacial Orthopedics, Orthodontics, and TMD Therapy. He is an IAO Certified Senior Instructor.



**Dr. Terrance Spahl**  
St. Paul, Minnesota USA

Saturday, April 13, 2013  
2:00 PM – 5:00 PM  
2.75 CE Lecture Hours

### **THE SSV: SPAHL SPLIT VERTICAL ERUPTION ACCELERATION APPLIANCE SYSTEM**

The SSV is an incredibly rapid and powerful appliance technique to quickly and positively close the bilateral posterior open bites that occur in conjunction with routine mandibular advancement procedures. It relies on active forces instead of waiting extended periods for mere passive vertical eruption of posterior teeth. It is orthopedic in nature, not orthodontic, and represents state of the art appliance technique that is safe, effective, simple and rapid. Attendees will understand everything they need to know in order to make, adjust and employ the SSV system, and its sub-varieties, in the rapid vertical closure of posterior teeth in mandibular advancement procedures by means of active orthodontic/orthopedic forces.

Dr. T.J. Spahl is a graduate of the University of Minnesota in 1969. He is an IAO Certified Senior Instructor. He has lectured extensively throughout the United States and 8 foreign countries. He is the principle author of a trilogy of textbooks on orthodontics and TMJ therapeutics written in the 1980's in conjunction with the late Dr. John Witzig.

**Don't miss the IAO President's Reception**  
*In Honor of IAO President Dr. Mike Lowry*

**THURSDAY EVENING, APRIL 11, 2013**

**5:00 PM – 7:00 PM**



**Dr. Cary Fraser**  
Sydney, AUSTRALIA



**Dr. Kenneth Lee**  
Sydney, AUSTRALIA

Sunday, April 14, 2013  
8:00 AM – 12:00 Noon  
3.75 CE Lecture Hours

## **THE A-Z OF ORTHODONTICS IN A GENERAL DENTAL PRACTICE FOR 2013 AND BEYOND**

How, as a General Dentist, you can incorporate techniques from an early age to influence direction of growth? You can use different modalities for patients of different ages to achieve a happy, healthy, patient. Following the conclusion of this session, each attendee will be able to: identify the appropriate ages to incorporate treatment, influence growth, identify the pain patient and what you can do and have a greater understanding of the patient as a whole, not just 32 teeth.

Dr. Fraser has practiced dentistry for over 28 years and now restricts his practice to orthodontics and has lectured in Australia and overseas. Dr. Fraser graduated dental school from the University of Sydney, holds Fellowships from the Australia College of Nutritional and Environment Medicine, is a Diplomate of the IAO, an IAO Education Committee Examiner, and an IAO Master Senior Certified Instructor. He is a Past President of the Australian Association of Orofacial Orthopedics and a Past President of the IAO.

Dr. Lee is a full time practicing dentist in Sydney, Australia. He has a particular interest in orthodontics, TMJ and the treatment of head and neck pain. Dr. Lee graduated from dental school at the University of Sydney, is an IAO Master Certified Instructor, a Fellow of the IAO, a Fellow and Diplomate of the ICOI and a member of the Australian Association of Orofacial Orthopedics.

# **TEAM / PRACTICE BUILDING**



**Dr. William Buckley**  
Rocky River, Ohio USA

Friday, April 12, 2013  
8:00 AM – 12:00 Noon      2:00 PM – 5:00 PM  
3.75 CE Lecture Hours      2.75 CE Lecture Hours

## **ASSISTANTS COURSE FOR COMPREHENSIVE TRACING, BOLTON & CHU ANALYSIS AND ARCH LENGTH DISCREPANCY**

This course is a combination of lecture and hands-on learning opportunities. Following the conclusion of this course, each attendee will be able to: trace Cephalometric x-rays with IBO standards, perform the Bolton Analysis for whole arch or anterior segment, perform arch length discrepancy, perform the Chu analysis (this can predict the actual size of max anterior teeth that will fit by measuring lower anterior tooth), be able to fill out data forms to give the doctor for an accurate diagnosis and treatment plan, know cephalometric landmarks, understand the theory behind the Bolton Analysis, and understand what “tooth size discrepancy” means to orthodontic treatment and how to predict the condition.

Dr. Buckley received his orthodontic training from Drs. Conlin-Yates and Green, also Dr. Kessler, Dr. Cannon, and functional courses from Dr. Mc Namara. Dr. Buckley has his Diplomate from IAO and his Diplomate from Light Force America. He received FAGD in 1986. He has been through C4 at The Pankey institute and taken all three courses from Dr. Dawson. Dr. Buckley has also taken The Occlusion course from Drs. Huffman and Regenous. Dr. Buckley is an IAO Master Senior Certified Instructor.

# SPANISH LANGUAGE PROGRAM



**Dr. Jose Ma Rodriguez Flores**

Malaga, SPAIN

Friday, April 12, 2013

8:00 AM – 10:00 AM

2.0 CE Lecture Hours

(Lecture given in Spanish with simultaneous English translation)

## **NEW TRENDS IN THE DIAGNOSIS AND TREATMENT OF SNORING AND SLEEP APNEA IN CHILDREN. THE CONCEPT OF THE BIOSLEEP-FLORES AND THE DENTISTS ROLE. (NUEVAS PROPUESTAS DE DIAGNOSTICO Y TRATAMIENTO DEL RONQUIDO Y LA APNEA OBSTRUCTIVA DEL SUEÑO EN LOS NIÑOS. EL CONCEPTO BIOSLEEP-FLORES Y PAPEL DEL DENTISTA)**

Snoring and Sleep Apnea in children is a very important health issue because of the influence of the child's craniofacial development and its negative influences on the whole body. The Biosleep-Flores concept will show a very simple system for the diagnosis and treatment of these health conditions in children. At the conclusion of this lecture, attendees will know: when the appropriate time is to use the Biosleep-Flores system and how it can assist with snoring and sleep apnea, specifically in children.

Dr. José Ma Rodriguez Flores graduated from the School of Medicine at the University of Malaga (Spain) and from the School of Dentistry of the University Of Latin American. He carried out his postgraduate course of orthodontics at the European Center of Orthodontia in Madrid. Dr. Flores is an active member of EOS (European Orthodontic Society), an IBO Diplomate, and an IAO Master Senior Certified Instructor.



**Dr. Fernando Jaen**

Panama, REPUBLIC OF PANAMA

Friday, April 12, 2013

10:30AM – 12:00 Noon

1.5 CE Lecture Hours

(Lecture given in Spanish with simultaneous English translation)

## **THE ROLE OF DENTISTRY IN SLEEP DISORDERS (EL ROL DEL DENTISTA EN LOS TRATAMIENTOS DE DESORDENES DEL SUEÑO)**

There are approximately 90 different types of sleep disorders and it is estimated that one-third of the world's population can be suffering from one. Very few are diagnosed or treated and the average time we sleep is 6 hours, instead of the 7 to 8 we need. The impact on overall health is considerable. At the conclusion of this lecture, each participant will: have knowledge of the characteristics of sleep, have gained insight into the classification of sleep disorders, have a solid description of the sleep disorders most associated with dentistry and have a summary of its management.

## **LONG-TERM EFFECTS OF OCCLUSAL DISEASE (EFECTOS A LARGO PLAZO DE LA ENFERMEDAD OCCLUSAL)**

The masticatory, or occlusal system, is a system of orthopedic nature; complex, adaptable and efficient. It is responsible for speech, breathing, chewing, sleep and swallowing throughout our lives. It is the only orthopedic system on which life depends. The system has three complex anatomical components; the temporomandibular joints, neuromuscular complex and the interdental relationship and its supporting tissues. In this lecture, Dr. Jaen will share experiences and concerns by means of cases with different pathologies of occlusal disease and in different ages, dentitions and genres. At the end of his lecture, each participant will be able to: recognize various long-term damage that a healthy masticatory system can receive when it is subjected to parafunctional loads and outline its management.



Dr. Jaen graduated from the University of Panama and then completed a General Dentistry Residency at the Louisiana State University, School of Dentistry at New Orleans, Louisiana. Since then, his private practice, lectures, publications, continuing education and teaching has been dedicated to Temporomandibular, Orofacial Pain, Occlusal and Sleep Disorders. He is a Professor at the clinics and has taught a mastership of orthodontics course at the University of Panama, School of Dentistry.



**Dr. Jorge Learreta**  
Buenos Aires, ARGENTINA

Friday, April 12, 2013  
2:00 PM – 3:30 PM  
1.5 CE Lecture Hours

(Lecture given in Spanish with simultaneous English translation)

## **EARLY TREATMENT IN ORTHOPEDICS AND ORTHODONTICS (TRATAMIENTO TEMPRANO EN ORTODONCIA Y ORTOPEDIA)**

Early treatment is a concept of prevention that guides the path of medicine for the 21st century. This prevention must include the development of the maxillary base, the tooth malpositions and pathologies of the temporomandibular joint. Early treatment of any one of these will prevent structural modifications which subsequently, may not be corrected without therapy. Many of those alterations may only be masked by surgical methods, which never give the ideal functioning to our patients. At the conclusion of this lecture, attendees will: know the importance of early treatment and know how to maintain a comprehensive functional maxilomandibular relationship.

Dr. Jorge A. Learreta graduated from Buenos Aires University. His practice is 80% TMJ and 20% orthodontics. He is the current Department Chair at Catholic University of Salta. He is a member of many professional organizations and has authored numerous books. He has lectured in 13 countries.



**Dr. Alvin Cardona**  
Bayamon, PUERTO RICO

Friday, April 12, 2013  
4:00 PM – 5:30 PM  
1.5 CE Lecture Hours

(Lecture given in Spanish with simultaneous English translation)

## **DIAGNOSIS AND TREATMENT OF CLASS III MALOCCLUSIONS (DIAGNOSTICO Y TRATAMIENTO DE MALOCLUCIONES CLASES III)**

Diagnosis of a potential mandibular growth or a maxillary retrusion is essential to prevent and intercept possible Class III malocclusions. Dr. Cardona will present the manner to diagnose and treat to prevent Class III malocclusions in growing and non-growing patients with a maxillary deficit or mandibular protrusion and Class III malocclusion cases in adults with and without extractions, surgical and non-surgical. At the end of the presentation, attendees will: know the different types of Class III malocclusions, be able to identify the etiology of Class III malocclusions, diagnose and treat Class III malocclusions with reduced maxilla and protruded mandibles, differentiate surgical severe Class III malocclusions vs. non-surgical and know the esthetic advantages when treating surgically.

Dr. Alvin A. Cardona Rivera received his DMD degree from the University Of Puerto Rico Dental School in 1979. He is an IBO and AACP Diplomate and an IAO Master Senior Certified Instructor. He is the current IAO Immediate Past-President and a past IBO President.

# 2013 REGISTRATION Don't miss the best of 2013!

**Please type or boldly print and give full names:**

Name of Dentist: \_\_\_\_\_

Name of Spouse/Guest: \_\_\_\_\_

Name of Auxiliary/Staff: \_\_\_\_\_

Name of Auxiliary/Staff: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State/Province \_\_\_\_\_ Postal Code \_\_\_\_\_

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## Registrations:

	<u>BEFORE / ON MARCH 15</u>	<u>AFTER MARCH 15</u>	<u>#</u>	<u>TOTALS</u>
IAO Member Dentists	\$850	\$880	_____	= \$ _____
Other Dentists (a)	\$880	\$910	_____	= \$ _____
Spouse/Guests	\$260	\$270	_____	= \$ _____
Auxiliary/Other Staff	\$280	\$290	_____	= \$ _____

Note: (a) The difference in the non-member registration fee can be credited towards a 2013 IAO membership.

## EXTRA Event Tickets:

General Assembly Luncheon (1)	\$50	\$50	_____	= \$ _____
Annual Banquet (2)	\$75	\$75	_____	= \$ _____
The Getty Center and Farmers Market at The Grove (3)	\$65	\$65	_____	= \$ _____
Lights, Camera, Glamour! (3, 4)	\$55	\$55	_____	= \$ _____

Notes: (1) This activity is included in all registrations EXCEPT the Spouse/Guest registration fee.

(2) This activity is included in all registrations. Others not registered may purchase separate tickets.

(3) This activity is included in the spouse/guest registration. Others may purchase separate tickets.

(4) This activity is included in the Auxiliary/Staff registration. Others may purchase separate tickets.

GRAND TOTAL = \$ \_\_\_\_\_

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E-mail: [WorldHeadquarters@iaortho.org](mailto:WorldHeadquarters@iaortho.org)

Registrations with credit card payments may be faxed to the IAO anytime.



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**2013 IA0 Annual Meeting**



**Sheraton Universal**  
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