The DIPLOMATE

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Newsletter of the College of Diplomates of the American Board of Orthodontics



College Hosts Numerous Events at AAO Annual Meeting in San Francisco

he College held several events at the 2015 annual session of the AAO in San Francisco. The preparatory course for the ABO clinical exam had 17 participants and was taught by **Dr. Dan Rejman** and **Dr. Bruce Goldstein**.

The annual CDABO Luncheon was sold out, with 200 people in attendance. Numerous ABO awards were presented at that event, including the 2015 Case Report of the Year to **Dr. Makoto Nishimura**, the Dale B. Wade Award of Excellence in Orthodontics to **Dr. Frederick Regennitter**, the Earl E. and Wilma S. Shepard Distinguished serve Award to **Dr. John E. Grubb**, and the O.B. Vaughn Special Recognition Award to **Dr. James J. Baldwin** and **Dr. Jerome H. Sklaroff**.





CDABO Luncheon attendees at the 2015 AAO annual session in San Francisco.

University of Iowa Wins CDABO 2015 Resident Case Display Program at AAO Annual Session

total of 65 orthodontic programs participated in AAO annual session Resident Case Display Program this year, averaging three cases each. The University of Iowa took first place, after winning second place in the 2014 Program.

First place winner from the University of lowa included: Drs. Julie Wees (left box), Kyungsup Shin, Patrick Brady, Justin Hughes, Christopher Wermerson, David Jones (clinical assistant professor), Jed Arbon, Terry Schmitt, Christopher Hartman, Taylor Varner, Jessica Fuller (right box).



Second Place

♣ University of Manitoba, Canada Dr Laura Duncan

Third Place

University of Tennessee Dr. Joshua Wilson

Honorable Mention

- ▲ AT Still University, Arizona Dr. Jeremiah Sturgil
- New York University Dr Jay Burton
- ♣ Tufts University Dr. Alana Bednarz
- ♣ The University of Michigan Drs. Claire Fedore and Vina Zinn

The DIPLOMATE SUMMER 2015



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PRESIDENT'S MESSAGE

By Kimsey Anderson

am grateful for the opportunity to have served as the College of Diplomates president this past year. We hope you and your family have made plans to join us in Bachelor Gulch, Colorado for our 37th Annual Meeting.



If not, there is still time to register. The 37th Annual Meeting of the College of Diplomates of the American Board of Orthodontics will be held at the Ritz-Carlton, Bachelor Gulch in Avon, Colorado from July 17 to July 21, 2015. The Scientific Sessions will focus on Personalized Orthodontics and the relationship of genetics to the future of our specialty. Dr. James Hartsfield from the University

of Kentucky, who is writing the first text book on genetics and orthodontics, has assembled an outstanding group of speakers in the field of genetics and orthodontics who will present cutting edge research and treatment protocols.

The Ritz-Carlton, Bachelor Gulch is a year-round award winning destination located on Beaver Creek Mountain and offers an unforgettable escape in the heart of the majestic Colorado Rocky Mountains. You'll feel like you're at home in one of America's most luxurious log cabin. The Ritz-Carlton has exclusive partnerships with Colorado's highest-rated golf courses, a world-class spa, Ritz Kids Club and fine dining at Wolfgang Puck's renowned Spago's. The town of Avon-Beavercreek has a courtesy shuttle bus that takes you to the local shopping and dining locations in Avon and Beavercreek.

In addition to the scientific sessions and the fantastic lodging, the colorful Colorado mountains and valleys are there for your outdoor activities including trout fishing, golfing, horseback riding, biking, hiking, mountain climbing, train rides along scenic mountain passes, white-water rafting and all-terrain vehicle rides up to the crests of some of the local mountains.

After a morning of lectures and afternoon outdoor activities, be prepared to savor relaxation at the Ritz-Carlton's Spa which was named by *Travel and Leisure Magazine* the #1 spa in the USA and the #2 top spa in the world in 2013. The college has arranged for the resort's spa and other amenities to be included in your room rate, which will contribute to a relaxing and revitalizing retreat.

I hope to see you there and please, invite a doctor that has never been before and have them experience the CDABO family first hand and enjoy the great Colorado beauty to revitalize your mind, body and soul and enjoy old friends and make many new ones.

They Anderson

Kimsey Anderson



PERSONALIZED ORTHODONTICS

Back to the Future

SCIENTIFIC PROGRAM OVERVIEW

By Dr. James K. Hartsfield, Jr., 2015 Scientific Chair



2015 CDABO Meeting to Focus on Genetics

The July 17-21 CDABO meeting theme is "PERSONALIZED ORTHODONTICS: Back to the Future." Undoubtedly, all



of us diagnose and treat our individual patients with a tailor-made plan that takes into account their skeletal and/or dental malocclusion, esthetics, growth potential, compliance and other factors. Through experience, however, we all seem to learn that patients with a similar diagnosis do not always

grow the same way, or respond to treatment the way we expect (or hope!). With the tremendous advances in scientific technology available today, our profession is just beginning to understand the potential benefits of incorporating "Personalized" or "Precision" medicine into our patients' growth predictions and other aspects of orthodontic treatment. With the lectures presented at this meeting, it is my hope that you will come away with a better understanding of how intrinsic genetic factors can influence the way our patients grow, the genetic basis for certain dental eruption and development abnormalities, including associations with cancer, and how the genetic make-up of our patient may influence their responsiveness to environmental factors (including orthodontic treatment).

Upon entering this new and "Futuristic" age of scientific investigation into such areas of genetics, bone biology, muscle biology, and respiration, orthodontists need to return "back" to our rich tradition of learning in order to understand how new technology and information fits into the scientific foundation of our specialty practice. Hence, the birth of our phrase "Back to the Future". The first day of the program will begin with the family breakfast, during which I will talk about "Genetics and Your Family," including information on Health and Genealogy. This will be an "audience friendly" presentation on some aspects of genetics and how they influence the health and heritage of our families and ourselves. Lorri Morford will then discuss the fascinating links between hypodontia/oligodontia and cancer; an exploration into the common factors that may connect abnormal development of teeth with the formation of cancer(s) in other areas of the body later in life. Robyn Silberstein will then close the Saturday session showing how she has incorporated genetic considerations into her orthodontic treatment planning in private practice.

On Sunday, Jeff Nickel will present work that he and Laura Iwasaki have been doing on TMD, emphasizing what really happens to the disc and joint when pressure is applied (it is not what you probably have presumed!), and how genetics may influence the response. We all know that teeth do not move at the same rate in our patients, and they will explore factors that affect the speed of tooth movement, including biomechanics, development, and genetics. We also know that root resorption

can occur in our patients, but is it all due to the amount of force or tooth movement, or are there other factors as well? To wrap up the meeting on Sunday, I will discuss genetic and treatment factors that appear to influence external apical root resorption in orthodontic patients, as well as review proposed management when it occurs.

On Monday, Lina Moreno Uribe will present and discuss the current morphometric and genetic studies in skeletal malocclusion. We all know not all Class II or Class III malocclusions are the same, and we will learn how different "subtypes" of skeletal malocclusion are being investigated. We understand the impact muscle has on morphology, but why does it vary? Jim Sciote will present his cutting edge data on how different muscle fiber types, genetic variation and gene expression are related to different vertical and sagittal components of malocclusion. You know that obesity is associated with increased risk of obstructive sleep apnea, but what about when it occurs in individuals who are not obese? What is the evidence about the correlation of sagittal jaw position and obstructive sleep apnea? Can camouflage treatment of the Class II skeletal malocclusion predispose to sleep apnea, even in the patient who is not obese? Tom Kluemper will close the session on Monday by discussing his experience and research related to these questions.

On Tuesday, Saran Huja will discuss the biology of expedited tooth movement. We hear the hype, but what is it really? Saran will talk about the scientific foundation that we need to understand in order to make informed decisions when implementing a protocol to increase the rate of tooth movement in our patients. Have you ever had a case where some teeth just didn't erupt, and you had them exposed and tried to extrude them, only to intrude the "anchor" teeth? Sylvia Frazier-Bowers will explain the clinical and genetic aspects of primary failure of eruption and other dental eruption anomalies. Have you ever had a patient whom you wondered if they had a genetic condition or syndrome due to an enigmatic malocclusion, and or based on some of your exam findings? To bring the meeting to a close, I will discuss when, how and why you should refer your patient to a clinical geneticist, and give examples of how our clinical and radiographic examinations may be useful to the clinical geneticist in making a diagnosis, and then helping you to know what to do or not to do for your patient.

All of the individuals involved in planning and organizing this meeting hope that you will enjoy this insightful opportunity to "roll up your sleeves" and get "Back" to some solid learning in order to help propel our profession into the "Future" of orthodontic care.



2015 has Proven to be a Year of Exciting Changes for the American Board of Orthodontics

ver the past six months, we have completed extensive research in an effort to learn more from our key stakeholders. Our goal was to determine our biggest strategic opportunities in order to increase the interest in achieving board certification and ultimately protect our orthodontic patients and support the future of our specialty. We surveyed and/or conducted phone or in-person focus group sessions with both board and non-board certified orthodontists, residents, advocates, educators and the general public. Our findings were interesting and of special note:

- ▲ The majority of residents we surveyed (80%) plan to become board certified and believe it will benefit their future (71%).
- ▲ Our Board Certified Orthodontists indicated they want to promote their board certification and requested additional resources and assistance from the ABO to achieve this.
- ▲ Non-Board Certified Orthodontists who replied considered board certification in their career but did not follow through (65%). Of particular interest is that 75% of these individuals said they would re-consider board certification today.
- ▲ The General Public is confused over board certification; they are either unaware of board certified orthodontists as an option or assume that ALL orthodontists must be board certified to practice orthodontics.

In general, the responses emphasized an overall concern with the state of the future of our specialty as well as a common belief that the ABO can play a role to help.

In response to this call-to-action, the ABO directors listened. A new branding campaign with new creative elements and messaging was developed and rolled out at Annual Session. Our new look and feel was met with enthusiastic response in San Francisco and we hope everyone had a chance to stop by both our booth and Case Display Room to view our new items:

▲ A new logo and seal, with bold new colors, clearly communicating "board certified" on all materials, in lieu of "diplomate".





The highest commitment to excellence.

- ▲ Completely new, easy-to-use website providing enhanced resources and tools for both the board certified orthodontist, as well as the general public.
- ▲ On-line tool kit to assist our board certified orthodontists in promoting their certification, to include window clings, consumer brochure, office posters, digital downloads, seal and logo usage templates, email signature examples, suggested website copy, marketing insights, social media tips, sample press releases
- Newly designed ABO lapel pin, certificate and frame, clearing stating "Board Certified".



Please note that our previous ABO logo is also incorporated into our new materials, making the original logo relevant and acceptable. However, to be successful, we need everyone to transition to using the new elements as soon as possible including office materials and updated websites. The more consistent all board certified orthodontists are in their communities, the better success we will have at educating the general public. We are excited in the direction we are headed and of the potential opportunities as we continue to evolve. Please continue to watch for additional updates and improvements.

Our February 2015 exam was very successful with the ABO certifying or recertifying 97 examinees in St. Louis. Our next exam is scheduled for September 2015 and spots are filling up quickly. Dates for 2016 are posted on our website, with exams being held in February and September.

The ABO Written Examination was administered April 14 thru 17 at Pearson-Vue Testing Centers across the country and final exam results have been distributed to the individuals. Written Examination statistical data will also be distributed to Orthodontic Program Directors, as well as complimentary gauges for their first-year residents. Dates for the 2016 exam have been announced and will be April 12-15.

The ABO is pleased to announce the appointment of Dr. Patrick Foley as the new director representing the Midwestern Society, replacing Dr. Paul Castelein. Dr. Eladio DeLeon will now serve as the ABO President for the 2015-2016 year.



ABO AWARDS

During the AAO Annual Session in San Francisco, the ABO presented awards to the following recipients:





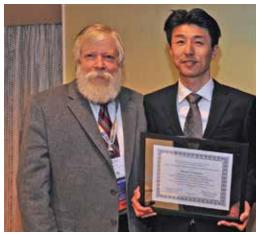
Ketcham Award

Dr. David L. Turpin receives the Ketcham Award from Dr. Paul Castelein.

Dale B. Wade Award of Excellence in Orthodontics

Dr. Frederick J. Regennitter receives the Dale B. Wade Award of Excellence in Orthodontics from Dr. Paul Castelein.





Earl E. and Wilma S. Shepard Distinguished Service Award

Dr. John E. Grubb receives the Earl E. and Wilma S. Shepard Distinguished Service Award from Dr. Larry Tadlock.

2015 Case Report of the Year Award

Dr. Makoto Nishimura receives the 2015 Case Report of the Year from Dr. Rolf Behrents.





OB Vaughan Special Recognition Award

Dr. James J. Baldwin accepting the OB Vaughan Special Recognition Award on behalf of Dr. James J. Baldwin from Dr. Valmy Kulbersh.

Dr. Jerome H. Sklaroff receives the OB Vaughan Special Recognition Award from Dr. Chun-Hsi Chung.

Congratulations to all of our honorees!

Member News

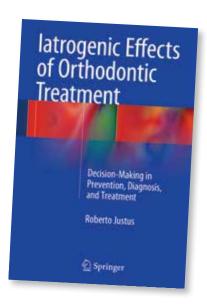


Our good friend, Roberto Justus, Past College President and Past-WFO President has finished a new book.



Orthodontic treatment success can be jeopardized by iatrogenic problems created during orthodontic treatment. The most frequent iatrogenic problem is white spot lesions followed by periodontal deterioration and external apical root resorption. This book addresses each of these three iatrogenic problems in individual chapters. Emphasis is given to the orthodontic treatment methods recommended to minimize, or prevent these problems from occurring.





In Memorium



Dr. Arthur Chester Reed, Jr. 1930-2015

By John Carter



Dr. "Art" Reed served his profession throughout his life. He was a Leader, mentor and tireless advocate for orthodontics and the mission of the College of Diplomates. As an Eagle Scout he lived the lifetime oath that every eagle accepts to "always give back to the younger and weaker".

Art was a charter member of CDABO and entered the leadership ranks of the College as Councilor for the Southwest Society of Orthodontists. He later served as College President. Following his tenure as President, Art served for the next two decades as Parliamentarian to the board. He was also a valuable asset as an advisor to the board and energetically took the role as mentor to many new and young College members who he inspired to get involved in serving the College. Many of these members went on to become future Councilors and Presidents. I am proud to say that I was one of them! Art also volunteered to fill vacant positions on numerous planning committees for several annual meetings, and filled in for board members who were unable to fulfill all of their obligations due to illness. It was only after his health prevented him from traveling that Art had to relinquish his long tenure as Parliamentarian.

He received his dental degree from Baylor College of Dentistry, and attended Columbia University in New York for his graduate

education in orthodontics. Art was a U.S. Air Force veteran and served two years as the base dental surgeon in Nagoya, Japan.

Art and his wife Ann settled in Houston, Texas where he practiced the rest of his professional life. Art became very involved in the profession. He served in all offices including the Presidency of the Texas Association of Orthodontists. He later became an officer and eventually served as President of the Southwest Society of Orthodontists. He Co-Chaired the annual session of the American Association of Orthodontists meeting in Washington, D.C.

During his life Art received many honors for his service to his profession. Art received the College of Diplomates highest honor—The Founders Award—for the many contributions that he made during a lifetime of service. He received the Martin E. Dewey Memorial Award, the Southwestern Society of Orthodontists highest honor. He was a Fellow of the American College of Dentists and a Fellow of the International College of Dentists, a Member Emeritus of the Charles H. Tweed International Foundation for Orthodontic Research, and became a Membero Honorario Sociedad Boliviana Orthodontica. He was awarded Columbia University's Distinguished Service Award for his outstanding contributions to the specialty of orthodontics. He practiced orthodontics for 50 years and left a long legacy to his profession. He will be missed by us all as our colleague and friend.

The College Welcomes the Following New Members

West Allis, WI Anas Al Najjar Jason Aleman Springfield, IL Randy Alkire Albuquerque, NM Holly Andersen Norfolk, VA Rosie Aviles Palm City, FL Justin Bair Stroudsburg, PA Rana Barakat Dulles, VA

Kimberly Batterson Colorado Springs, CO

Dale Benjamin Chicago, IL

Mark Berkman Commerce Township, MI

L. Berry Largo, FL Vincent Bilello Glendale, NY William Bird Madison, WI William Bivins Chesapeake, VA Ignacio Blasi Tysons Corner, VA Rebecca Bockow Seattle, WA Amy Bowman East Aurora, NY Klint Butler Grand Island, NE Alexander Cassinelli West Chester, OH Paul Castella Tecumseh, ON Cummings, GA Mark Causey Christopher Cetta Union, NJ Abraham Chahine Whitestone, NY Cumberland, RI Benjamin Chan J. Chen San Mateo, CA Stephen Chen Bellaire, TX Jing Chen New York, NY Vivian Chui La Canada, CA LeeAnn Clark New York, NY Glenn Cohen Mckinney, TX Bemidji, MN Bret Cooper

Corey Corpodian Newport Beach, CA **Daniel Cowley** Farmington, NM Robert Crawford Martinez, GA Karen Curran Natick, MA Jacob DaBell Spokane Valley, WA

Emily Driesman New York, NY FPO, AP David Dyer Travis Fiegle Bluffton, SC Ben Fishbein Pensacola, FL Paul Fox Anchorage, AK Oral Francis Suwanee, GA Center Valley, PA Scott Frev

Karin Grinbaum Great Neck, NY Christian Groth

Amy Gimlen

Craig Hadgis Grosse Pointe Woods, MI

Manhattan Beach, CA

Detroit, MI Mariana Haughey Tracey Hendler Toronto, ON Krista Hirasuna Sunnyvale, CA Amy Hoch Matawan, NJ Gayatri Horowitz Chelsea, MA Bryan Hsu Rockwall, TX Jessica Hylan-Cohen Chicago, IL Manal Ibrahim LaVacca Joliet, IL

Gregory Inman Elizabethtown, KY West Bloomfield, MI Amy Isenberg

Plano, TX Omar Issa Antonia Jones Chesapeake, VA Ehsan Karimian Larkspur, CA Joy Kasparian-Federico Medford, MA Michelle Katz New York, NY Sara Khan Karachi, Sindh Reena Khullar Redlands, CA Katherine Klein Needham, MA Daniel Kratzer Reading, PA Vincent LaBruna Redbank, NJ Marc Larson Riverside, CA Matthew Lineberger Huntersville, NC Matthew MacGinnis Orange, CA Lauren Manfred Fountain Valley, CA

Tal Masserman Phoenix, AZ Ryan McComb Venice, CA Brian McIntyre Omaha, NE Holly McIver Kingwood, TX Sogole Moin Manchester, NH Mazyar Moshiri Saint Louis, MO

Alexander Nee Arcadia, CA Behzad Nejat Saratoga, CA Brendan O'Neill Tucson, AZ

John Ordahl Colorado Springs, CO Juan Palomo Cleveland, OH Yu Pan Edina, MN Alpesh Patel Canton, GA Niyati Patel-Parekh Troy, MI

Chandra Pham Woodbury, NY Dennis Pryor Springfield, VA Courtney Ray Marina Del Rey, CA Rachel Reichard Bloomsburg, PA Daniel Rejman Castle Rock, CO Matthew Rogers Swanton, VT

Brian Rosenzweig Bend, OR Nicole Sakai Lawndale, CA Lyndsey Sandifer Jackson, MS

Carrie Schwartz Salisbury, MD Karen Seder Chicago, IL Khaled Sharaf Spruce Grove, AB Yoshi Shen San Francisco, CA Pradip Shetye New York, NY Brendan Smith Leander, TX Laura Sotomayor Locust Valley, NY Clifton Speaks Denver, CO Kisha Steele Silver Spring, MD Kelton Stewart Indianapolis, IN Alicia Stoutland Chadds Ford, PA Thomas Taylor Suffolk, VA Aristidis Thanasas Clinton Township, MI

Michael Thomas Saginaw, MI Devan Vest Los Alamos, NM Joan Walder Northampton, MA Cameron Walker Overland Park, KS Camille Walker Beaverton, OR Ann Walters Marion, OH Justin Ward Burley, ID Adam Welmerink Sparks, NV Desy Wilson Grants Pass, OR Kelly Wray Bethesda, MD Cleveland, OH Rongning (Grace) Wu Steven Wynn Newport Beach, CA

William Yao Saratoga, CA Sarah Yoon San Francisco, CA

Jeremy Zuniga Marshfield, MA

Future CDABO member Irie Meador, granddaughter of Past President Robert Moss





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