



# Angle Newsletter

*Published by the Edward H. Angle Society  
of Orthodontists, Inc., The E.H. Angle  
Education and Research Foundation, Inc.*

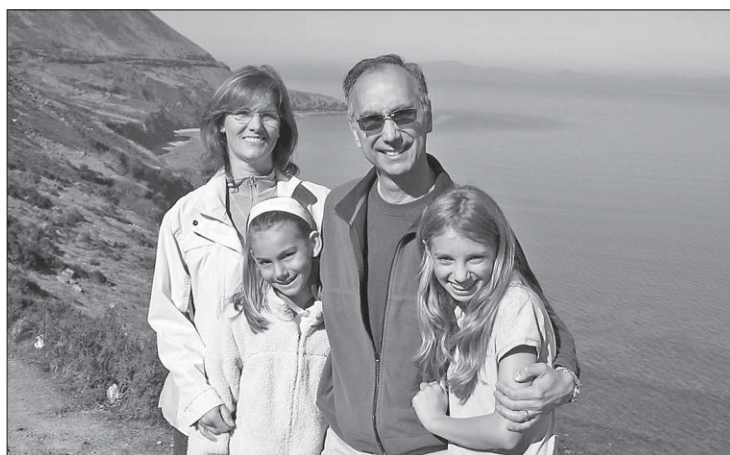
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## PRESIDENT'S MESSAGE

"The times they are a changing", these words from Bob Dylan are as applicable today as they were in the 1960's! The changes that we are witnessing today in our health care system are a poignant reminder of this. Whether you are in favor of it or not, they will affect us all. Think of the changes we have witnessed in orthodontics over the past 25 years including ceramic brackets, self-ligating brackets, clear aligners, digital photos, 3D-radiographs, 3D-models, to name just a few. However even with all these changes, it is those consistent things that bring us peace and happiness in our lives. Our faith and family primarily give us that consistency and provide that happiness and peace. In the Angle Society, we find the consistency of a "family" of orthodontists who all have common goals in the practice of orthodontics as well as life. The times we all spend together at both component and biennial meetings are spoken of fondly as the years go by. We need to remember that it is our continued commitment to our patients to provide the best of care regardless of all these changes, which brings respect to our profession. However, with time, change does come. What is common practice today, yesterday may have been considered to be unethical. Even with change, we need to maintain our principles. The Angle Society was founded to continue the ideals of Edward Angle, excellence and progress in the art and science of orthodontics. We should find comfort that these principles will not change. It is healthy for us all to remind ourselves of these principles at times to "reorient" our lives.



*Drs. Timothy Wheeler and Janet Pappas with daughters Morgan and Lynna at the Cliffs of Moher*

The 39th Biennial meeting which will be Sunday, September 18th through Thursday, September 22nd, 2011 at the Charleston Place Hotel in historic Charleston, South Carolina is little more than a year away. Please look for the information in the coming months and begin your planning to attend what promises to be a wonderful meeting. Information can be found at the Biennial meeting link on the Angle North Atlantic homepage ([www.anglenorthatlantic.org](http://www.anglenorthatlantic.org)). ■

## Biennial Meeting 2011

**Celebrated Tradition With A Touch Of Southern Charm**

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*Go to: [www.anglenorthatlantic.org](http://www.anglenorthatlantic.org) for more details*



## Your Angle Society Membership Dues

Angle Society dues are billed separately for your EHASO and Component memberships.

Your EHASO dues are sent directly to the Central Office in Lawrence Kansas and include payment for your mandatory *Angle Orthodontist* journal subscription. The EHASO office sends you a bill for this payment in the Fall of each year. Questions regarding EHASO dues can be directed to Rusty Wright, 810 E. 10th Street, Lawrence, KS 66044. (785) 865-9215, phone; angle@allenpress.com, email.

Component dues are separate and are billed individually by each Component's office. The amount of dues charged by each component is determined within each Component. These dues and questions about them should be sent to your Component's treasurer



*Edward H. Angle*

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The Angle Newsletter welcomes contributions of interest to Angle Society Members. Items should be related to events, activities, or people involved in the Edward H. Angle Society of Orthodontists. Address correspondence about the Newsletter to: Dr. Bhavna Shroff, VCU School of Dentistry, Department of Orthodontics, 520 N. 12th Street, Box 980566, Richmond, VA 23298-0566. (804) 828-9326, phone; (804) 828 5789, fax; bshroff@vcu.edu.



*Dr. Bhavna Shroff*

## THE ANGLE HERITAGE CAMPAIGN

The Angle Heritage Campaign is continuing to expand! Thanks to the wonderful dedication of our membership and the generosity of anonymous donors, we have raised over \$1.2 million dollars in pledges to create an endowment to provide perpetual support of The Angle Journal and free worldwide access online. With an amazing 3,000,000+ website hits in 2009 alone, the Angle Society continues its role in the support of excellence and leadership in orthodontics all over the world.

Therefore, it is now time to expand our campaign as well. First, the AHC Committee plans to pursue corporate donations with professional assistance. In February, a number of us participated in a conference call with Robert Hazel, AAOF title, for information on corporate fund raising. I want to personally thank Nick Barone for his work in arranging this conference call and providing his expertise to all of us in this area. During the conference call, Robert Hazel provided valuable insight on fundraising to the AHC Committee, and suggests that we hire a professional to handle the task of pursuing corporate donations, website advertising, etc. We are seeking some professional advice in this area and our hope is that the businesses that we work with, order from, and support, will in turn support our endeavor and benefit themselves as well.

Secondly, the website is being redesigned to encourage online donations from users. Our thanks go to Dr. Bob Schulz for assisting us in this process. There will be an upfront donation request that will appear before an article is accessed. This will give those who are benefitting from the free access an opportunity to contribute to maintaining this wonderful service. With the extraordinary number of hits the site receives, this is an opportunity to reach well beyond our membership for additional support.

Lastly, with the \$150,000 matching anonymous donation that was announced just prior to the 2009 Biennial meeting still on the table, we encourage all of our members to remember that every little bit helps. Whether it is a case pledge, one time or monthly cash donation, estate pledge, grateful patient pledge or honorarium donation, it will be matched 100%! I hope that each of you will consider a very small monthly donation to the AHC as you write your monthly checks. Please let us know what works best for you.

Please send your pledges and/or payments directly to Dr. Phil Campbell at E.H. Angle Education and Research Foundation, Dept. of Orthodontics, Baylor College of Dentistry, 3302 Gaston Ave., Dallas, TX 75246. Or contact him by e-mail at [pmc4747@sbcglobal.net](mailto:pmc4747@sbcglobal.net). You may also contact your Component AHC Chairperson or Dr. Rick McLaughlin's office at (619) 225-1611 or [ljprbraces@aol.com](mailto:ljprbraces@aol.com) for additional information on the Campaign or to make a pledge by phone or e-mail. For an update on the pledges to date, please refer to the inside cover of the Angle journal.

Sincerely,

Rick McLaughlin

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### Future Meeting

The 2011 Annual meeting will be held at the Omni Orlando Resort at Champions Gate, Orlando, Florida from January 29th – February 2nd.

The Program Chairman is Dr. Mark Johnston.

### 2010 Meeting News

We thank Ron Snyder and Mary Beth for their work and guidance during Ron's presidency of the Angle Midwest. As always, Ron, with Mary Beth at his side, have efficiently managed the business of the Angle Midwest and provided us with a wonderful venue for the Annual Meeting. Their warm friendship made us all feel welcome in Chicago.

The Angle Midwest had a very successful and well-attended Annual meeting at the Intercontinental Hotel in Chicago. Congratulations to Dr. Todd Wentz, Program Chair of the 2010 meeting, for the great program assembled for the occasion.

Drs. Sergio Cardiel-Rios, Robert Smith, James Hartfield, Baron Whateley and Lew Sample became active members of the Angle Midwest.

Drs. Tim Alford and Pamela Hanson presented their research paper and clinical cases completing the requirements for membership into the Angle Midwest. Congratulations to Tim and Pam for achieving this milestone. Their names will be presented for approval, in the spring ballot, to the general membership.

### Membership News

The Angle Midwest continues to grow its membership with the addition of three 3rd year affiliates, four 2nd year affiliates, one



*Drs. Roberto Lima, Tony Puntillo and Chip Rigsbee*



*Dr. Glen Cowan, Donna Cowan, Jane Sherman and Dr. Steve Sherman.*



*Drs. Jay Whitley, Tim Truelove, Bradley Pearson and Lew Sample*



*Maria Wright, Dr. Jim Vaden, Drs. Randy Wright and Kevin Holman.*



*Mary Beth Snyder, Drs. Ron Snyder and Steve Harrison and Kim Harrison.*



*Drs. Randy Wright, Jay Whitley and Steve Sherman*



*Mary Jacobson and Drs Ron Jacobson and Valmy Kulbersh*

1st year affiliate, one prospective affiliate and three candidates. Dr. Donna Stenberg (prospective affiliate) will be presented to the members in the spring ballot.

We wish them all our best in their quest to become active members of the Angle Society.

### Honored Members

Dr. James Vaden is the recipient of the 2010 American Board of Orthodontics Albert Ketcham Award.

Drs. Richard Kulbersh and Eugene Roberts are the recipients of the 2010 American Board of Orthodontics Dale Wade Award.

Dr. Bailey Jacobson is the recipient of the Earl E. and Wilma S. Shepard Distinguished Service Award.

Dr. Shelly Rosenstein is the recipient of the Cleft Palate/Craniofacial Association Honors Award (highest recognition given by this association).

Dr. John Casko is the recipient of the Southern Association of Orthodontists Legend Award.

Dr. James McNamara is the co-recipient of the 2009 Angle Research Prize given by the E.H. Angle Education and Research Foundation to the best research article published in the Angle Orthodontist Journal.





*Drs. Lew Sample, Baron Whateley, Mark Johnston, Sergio Cardiel-Rios, Jim Hartsfield, Bill Harrell, Rich Kulbersh, Tim Truelove, Bob Stoner, Gene Roberts, Vance Dykehouse and Glen Cowan.*

Dr. Chester Handelman was elected Teacher of the Year by the Illinois Society of Orthodontists.

## Obituary

It is with sadness that we report the passing of Dr. Robert Herzberg on January 15th, 2010.

He will be missed by all the Angle members who were fortunate to know him. ■



*Drs. Ron Snyder and Steve Harrison*



*Drs. Michael Riolo, Lloyd Pearson, George Cisneros and John Grubb*

# Angle Orthodontist Gift Subscriptions

Angle members automatically receive *The Angle Orthodontist*. But many other clinicians seldom see our journal. If you have a friend or a study club member who falls in this category, why not consider giving him or her a gift subscription to *The Angle Orthodontist*? Your action will benefit your friend, and will help support one of the finest journals in Dentistry! A one-year subscription in the USA is just \$315, and a two-year subscription is \$600. Rates are slightly higher for subscribers outside the US and for institutions.

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## 2010 EHASO NORTH ATLANTIC MEETING

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

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### Future Meetings

2011 Sunday, September 18th to Wednesday, September 22nd Biennial Meeting (North Atlantic component is hosting)  
Charleston Place Hotel, <http://www.charlestonplace.com> 205 Meeting Street, Charleston, SC 29401.

2012 Wednesday, March 28<sup>th</sup> to Saturday, March 31<sup>st</sup>,  
Barcelona, Spain

2013 April, dates TBA, Miami, Florida

### Meeting News

The Angle North Atlantic Component had a very successful and well-attended meeting at the Intercontinental Harbor Court Hotel, overlooking the vibrant Baltimore harbor. (Did you know that the hand-painted mural in the Explorers Lounge of the hotel is rumored to be the inspiration of the 1995 sci-fi film 12 Monkeys, which was shot in Baltimore and Philadelphia and starred Brad Pitt and Bruce Willis? And yes, there were 12 monkeys painted on the wall.)

Three affiliates that presented research and clinical cases were accepted into membership:

- Howard M. Tichler, DDS, of West Islip, N.Y., presented a paper entitled **Panoramic Study of the Anatomic Acceptability of the Maxillary Third Molar Replacement of the Maxillary Second Molar**.
- Sunil Wadhwa, DDS, PhD, a new faculty member at the University of Connecticut, presented **Effects of Externally Applied Low Magnitude-High Frequency Forces on the Rate of Orthodontic Tooth Movement**.

- Carlos Flores-Mir, DDS, DSc, of Alberta, Canada. **Proclination of Lower Incisor in Orthodontic Cases Treated with the Crossbow Appliance According to Facial Growth Types**. See <http://www.crossboworthodontic.com/PIIS0889540609008749.pdf> for a recent reference.



*Group Picture at the Harbor Court Hotel Baltimore, MD*

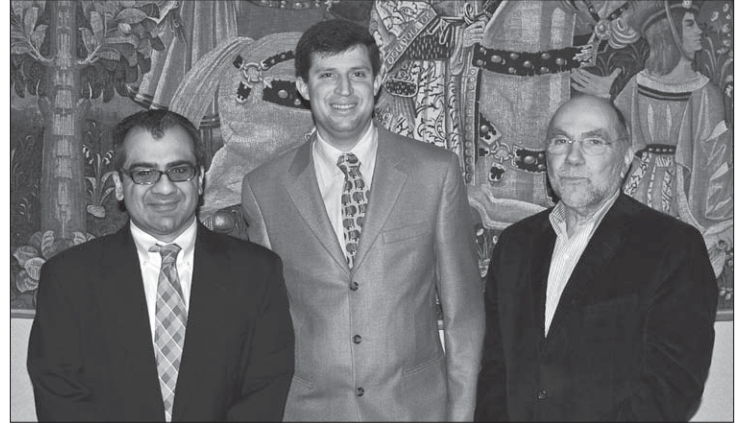


*Dr. Dianne Rekow and Dr. and Mrs. Marcotte*





*Drs. Iseri and Yamaguchi with Dr. and Mrs. Ram Nanda*



*New Members: Drs. Wadhwa, Flores-Mir and Tichler.*



*Drs. Bruce Haskell and Michael Spoon*



*Dr. Kitafusa and President Wheeler*

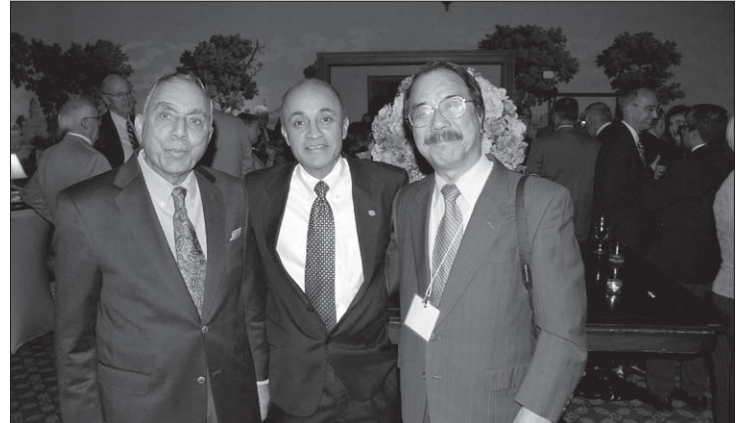
Regular member presentations included the following:

- Dr. Bruce Haskell presented **The Golden Proportions in Facial Growth and Skeletal/Dental Aesthetics**. He talked about the golden ratio (1.618) and its relationship to art, esthetics, and mathematics. He related his experiences with Dr. Ricketts and Fibonacci numbers and compared these to the Japanese and Chinese Silver ratio (1.414, sashigane, which was used for traditional temple construction). These derivations are an attempt to answer the question: How mathematical is the concept of beauty? References: Kiekens RM, Kuijpers-Jagtman AM, van 't Hof MA, van 't Hof BE, Maltha JC. Putative golden proportions as predictors of facial esthetics in adolescents. *Am J Orthod Dentofacial Orthop.* 2008 Oct;134(4):480-3 (Go to [http://www.ajodo.org/article/S0889-5406\(08\)00610-0/pdf](http://www.ajodo.org/article/S0889-5406(08)00610-0/pdf) then log in). Ali Fayyad
- M, Jamani KD, Agrabawi J. Geometric and mathematical proportions and their relations to maxillary anterior teeth. *J Contemp Dent Pract.* 2006 Nov 1;7(5):62-70.
- Dr. Cristina Teixeira talked about translational research in **Basic Science and Clinical Orthodontics**. All orthodontic residents spend a day in the research labs at NYU as a part of their Consortium for Translational Orthodontic Research (CTOR, <http://www.orthodonticscientist.org/>). She touched on numerous topics, including: the role of Foxo1 in skeletogenesis; the relationship between cartilage and oxygen; the use of chitin (a long-chain polymer of glucose, that is naturally found in the exoskeleton of arthropods) in grafting, as a bone scaffold; and the role of force in bone health. They found that vibrating rat maxillary teeth for 5 minutes per day for 28 days resulted in a 15-20 percent increase of bone





*Drs. Jenkins, Rekow, Shroff, Beeman, Lynn and Hughes.*



*Drs. Nanda, Kapila and Yamaguchi*



*Drs. Flores-Mir and Lindauer*



*Dr. and Mrs. Rothenberg with Dr. Kitafusa*

thickness, particularly trabecular bone. References: Costa-Pinto AR, Salgado AJ, Correló VM, Sol P, Bhattacharya M, Charbord P, Reis RL, Neves NM. Adhesion, proliferation, and osteogenic differentiation of a mouse mesenchymal stem cell line (BMC9) seeded on novel melt-based chitosan/polyester 3D porous scaffolds. *Tissue Eng Part A*. 2008 Jun;14(6):1049-57. Klokkevold PR, Vandemark L, Kenney EB, Bernard GW. Osteogenesis enhanced by chitosan (poly-N-acetyl glucosaminoglycan) in vitro. *J Periodontol*. 1996 Nov;67(11):1170-5 (UID 8959566). Judex S, Gupta S, Rubin C. Regulation of mechanical signals in bone. *Orthod Craniofac Res*. 2009 May;12(2):94-104.

- Dr. Peter Bronsky presented **Lateral Nasal Placode Morphogenesis in Mice: Normal Development and Alterations Leading to Hypoxia-Induced Cleft Lip**. He talked

about a study involving CL/Fr mice and how they have less curling forward of the lateral nasal prominences during a critical period between the 31 to 36 somite stage. They spontaneously develop a cleft lip 22% of the time in normoxia conditions. Material respiratory oxygen levels and cleft incidence shows an inverse relationship, with implications for fetal development in smoking mothers. Peter showed scanning electron micrographic evidence of how a contraction of the demosomal plaque in the terminal web reduces the diameter of the cells on the side of the nasal placode, resulting in the curvature seen around the nasal pit (similar to the process in neural tube curvature and closure). Terminal web breakdown in the deepest portion of the nasal groove of hypoxic embryos results in autolysis debris that is believed to mechanically inhibit movement of the lateral nasal prominences. References: Bronsky PT, Johnston MC, Sulik KK.



*Drs. Wheeler, Vig, Kapila and Wadhwa*



*Drs. Mc Kenna, Kitafusa, Iseri and Yamaguchi.*

Morphogenesis of hypoxia-induced cleft lip in CL/Fr mice. *J Craniofac Genet Dev Biol Suppl.* 1986;2:113-28. Young NM, Wat S, Diewert VM, Browder LW, Hallgrímsson B. Comparative morphometrics of embryonic facial morphogenesis: implications for cleft-lip etiology. *Anat Rec (Hoboken).* 2007 Jan;290(1):123-39. Gritli-Linde A. The etiopathogenesis of cleft lip and cleft palate: usefulness and caveats of mouse models. *Curr Top Dev Biol.* 2008;84:37-138.

- Dr. Kenji Takada presented **The Faces—Their Perceivers and Posers**. He talked about facial recognition and how the fusiform gyrus (FFA, fusiform face area) is the area of the brain specific for this function. This dedicated area explains how first impressions are formed in only 0.5 seconds. Beauty is defined as something that is admired, but attractiveness arouses interest. It's been shown that women who don't smile are less likely to be seen as attractive. After a 3D surface scanning study and because collagenous fibrous tissue becomes thinner and muscles weaken with age, soft tissue paradigms of the young may not be able to be applicable to the middle aged. References: Golarai G, Ghahremani DG, Whitfield-Gabrieli S, Reiss A, Eberhardt JL, Gabrieli JD, Grill-Spector K. Differential development of high-level visual cortex correlates with category-specific recognition memory. *Nat Neurosci.* 2007 Apr;10(4):512-22. Epub 2007 Mar 11. Tarr MJ, Gauthier I. FFA: a flexible fusiform area for subordinate-level visual processing automatized by expertise. *Nat Neurosci.* 2000 Aug;3(8):764-9. Leopold DA, Bondar IV, Giese MA. Norm-based face encoding by single neurons in the monkey inferotemporal cortex. *Nature.* 2006 Aug 3;442(7102):572-5. Epub 2006 Jul 5. Penna V, Stark GB, Eisenhardt SU, Bannasch H, Iblher N. The aging lip: a comparative histological analysis of age-related changes in the upper lip complex. *Plast Reconstr Surg.* 2009 Aug;124(2):624-8.

- Dr. Andrej Zentner presented research on the **Assessment of Dental Anomalies on Panoramic Radiographs: Inter- and Intra-examiner Agreement** to test dental morphological predictors. A problem with diagnostic description is that the literature is filled with terms that are often not well defined. This study defined and checked for tooth agenesis (including third molars), blunted roots, pipette shaped roots, pointed roots, dilacerations of at least 45 degrees, and short roots. Only agenesis was reliably repeatable across examiners. References: Levander E, Bajka R, Malmgren O. Early radiographic diagnosis of apical root resorption during orthodontic treatment: a study of maxillary incisors. *Mirabella AD, Artun J. Risk factors for apical root resorption of maxillary anterior teeth in adult orthodontic patients. Am J Orthod Dentofacial Orthop.* 1995 Jul;108(1):48-55.
- Dr. Kazunori Yamaguchi's presentation was **The Effect of Breathing Through the Mouth on Chewing Activity**. Occlusal force is strong but works only 1-2 hours per day. Eruptive force is weak but works for a long time. This study measured Masseter EMG activity during gum chewing for 3 minutes with (a) nasal breathing and (b) with the nose blocked. References: Masseter muscle EMG activity used to detect tooth contact. *Orthodontic Waves* 64(2):29 [Official publication of the Japanese Orthodontic Society, Vol. 64 (2005) is not available online.] Ono T, Ishiwata Y, Kuroda T. Inhibition of masseteric electromyographic activity during oral respiration. *Am J Orthod Dentofacial Orthop.* 1998 May;113(5):518-25. Ferla A, Silva AM, Corrêa EC. Electrical activity of the anterior temporal and masseter muscles in mouth and nasal breathing children. *Braz J Otorhinolaryngol.* 2008 Jul-Aug;74(4):588-95.
- Dr. Charlotte Prahll presented findings about the **Quality of Life in Cleft Lip and Palate Patients**. The impression of





*Dr. and Mrs. Rothenberg and Dr. and Mrs. Flores-Mir*



*Drs. Takada, Nanda and Uribe*

quality of life (QoL) determines health. Parental stress for 2-2.5 years effects psychosocial development of children. Studies should shift from looking at deficits of CL/P to looking at possible positive aspects of CL/P, such as sources of resilience and strategies of coping. This study used the Dutch-developed version of the Child Oral Health Impact Profile (COHIP) that includes a questionnaire for kids and their parents. Boys and girls shared the same QoL, but QoL went down as they aged—this was the factor with the biggest difference of concordance, so older kids should probably be given more help as they cope with peer pressures and the onset of puberty. As would be expected, CL kids do better than those with other manifestations, such as CL/P. Patient and parent perceptions were not concordant. References: Oosterkamp BC, Dijkstra PU, Remmelink HJ, van Oort RP, Goorhuis-Brouwer SM, Sandham A, de Bont LG. Satisfaction with treatment outcome in bilateral cleft lip and palate patients. *Int J Oral Maxillofac Surg*. 2007 Oct;36(10):890-5. Epub 2007 Sep 4. Broder HL, Wilson-Genderson M. Reliability and convergent and discriminant validity of the Child Oral Health Impact Profile (COHIP Child's version). *Community Dent Oral Epidemiol*. 2007 Aug;35 Suppl 1:20-31. Geels LM, Hoogstraten J, Prah-Andersen B. Confirmative factor analysis of the dimensions of the Child Oral Health Impact Profile (Dutch version). *Eur J Oral Sci*. 2008 Apr;116(2):148-52.

- Dr. Junji Sugawara described a technique developed in Senei, Japan, in cooperation with Dr. Nanda at UConn, **Surgery First Orthognathics with Skeletal Anchorage System**. Orthognathic surgery and temporary anchorage combined comes first. This is followed by orthodontic decompensation. In Angle Class III cases the soft tissue deformity is immediately corrected and this leads to better tongue and upper lip pressure—which helps with natural

decompensation. Decompensation in traditional treatment makes the patients look worse (temporarily). Total treatment duration is significantly shorter than with traditional orthognathic surgery treatment plans. Dr. Jenkins, quoting from the Proffit and White book, said that prior to 1960 surgeons preferred not to use orthodontic wires for post surgical stabilization. Dr. Legan thinks the RAP phenomenon is responsible for the decreased treatment time. Everyone agreed the surgery team must be good and everyone must have confidence in each other because you can't use initial model to predict the final result. References: Nagasaka H, Sugawara J, Kawamura H, Nanda R. "Surgery first" skeletal Class III correction using the Skeletal Anchorage System. *J Clin Orthod*. 2009 Feb;43(2):97-105.

- Dr. Flavio Uribe talked about **Early Effects of Orthodontic Forces on Osteoblast Differentiation in a Novel Mouse Organ Culture Model**. Regarding biomechanics, we've done a lot of research on the "mechanics" but we've not looked as much at the "bio" part of the word. A distinction was made between in vivo studies, in vitro cell culture, transgenic mice, and in vitro organ culture. Alastair J. Sloan first used an in vitro organ culture, consisting of 2 mm. thick transverse tooth sections that could be kept viable for up to two weeks, to study tissue injury and repair processes in the dentine/pulp complex over long periods of time. UConn has developed an organ culture system that allows them to maintain a hemisected mandible for up to 6 hours. References: Sloan AJ, Shelton RM, Hann AC, Moxham BJ, Smith AJ. An in vitro approach for the study of dentinogenesis by organ culture of the dentine-pulp complex from rat incisor teeth. *Arch Oral Biol*. 1998 Jun;43(6):421-30.
- Dr. Michael G. Woods reported on **Vertical Control with the Herbst Appliance**. Neither the mandibular plane nor



the facial axis showed any change, beyond what would be expected with typical growth, following Herbst appliance therapy. The patient population included dolico-, brachy-, and meso-cephalic patients from a single practitioner (not the investigator). ANB for all subgroups still reflected a Class II relationship. References: Hägg U. Change in mandibular growth direction by means of a Herbst appliance? A case report. *Am J Orthod Dentofacial Orthop.* 1992 Nov;102(5):456-63.

Remember you can request article reprints from the AAO Library at <http://www.aamembers.org/Resources/Library/index.cfm>.

### Other Events

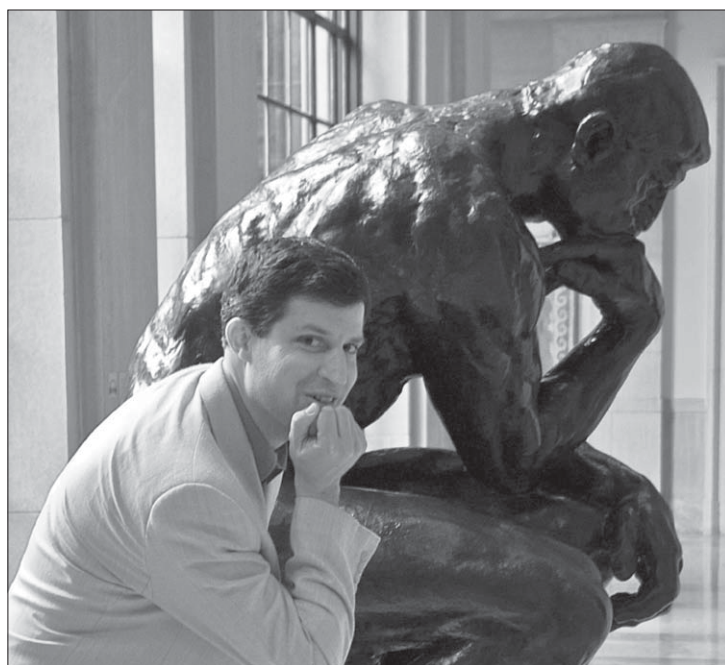
The entire group enjoyed a lunch and tour of the Baltimore Museum of Art.

At the dinner banquet, Dr. Zentner—who is the Honorary Treasurer of the European Orthodontic Society—announced that Dr. Ravindra Nanda will be giving the Sheldon Friel Memorial Lecture (<http://www.eos2011.com/shel.html>) at the 87<sup>th</sup> Congress of the EOS, which is being held in Istanbul, Turkey, June 19-23, 2011 (<http://www.eos2011.com/>). Urban Hägg, another component member, is presenting the Sheldon Friel Memorial Lecture at the 86<sup>th</sup> Congress of the EOS, which is being held in Portoroz, Slovenia (see <http://www.eos2010.si/index.php/programme/lectures/51-memorial/126-sheldon-friel-memorial-lecture>).

Dr. Ernest Sheldon Friel (1888-1970) was an Irish dentist who studied under Dr. Angle. In 1909, he established the first orthodontic practice in the United Kingdom of Great Britain and Ireland. He later became the first Professor of Orthodontics in Europe. In 1960 he became the first orthodontist from outside North America to receive the ABO Ketcham Award. See [http://www.eoseurope.org/eos/sheldon\\_friel\\_lectureship](http://www.eoseurope.org/eos/sheldon_friel_lectureship) for more information. ■



*Drs. Jenkins, Shroff, Vig, Iseri and Goldman*



*Dr. Flores-Mir at the Baltimore Museum of Art.*

## Contributions of Interest

The Angle Newsletter welcomes contributions of interest to Angle Society Members. Items should be related to events, activities, or people involved in the Edward H. Angle Society of Orthodontists. Address correspondence about the Newsletter to: Dr. Bhavna Shroff, VCU School of Dentistry, Department of Orthodontics, 520 N. 12th Street, Box 980566, Richmond, VA 23298-0566. (804) 828-9326, phone; (804) 828-5789, fax; [bshroff@vcu.edu](mailto:bshroff@vcu.edu).

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### Future Meetings:

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January 28, 2011  
UOP Dugoni Dental School, San Francisco, CA

April 8, 2011  
UOP Dugoni Dental School, San Francisco, CA

November 4, 2011  
Peninsula Golf and Country Club, San Mateo, CA

Angle Northern California held an innovative meeting of current news, technology, and scientific advancement at the Arthur A. Dugoni School of Dentistry, San Francisco, California. President-Elect Doug Jaul introduced President Steve Dugoni who gave a heart-felt introduction of his father, Arthur A. Dugoni, Dean Emeritus and now namesake of the Arthur A. Dugoni School of Dentistry. Also in attendance were UOP orthodontic residents, including second year resident Brian Dugoni, grandson of Arthur A. Dugoni.

Dean Emeritus Dugoni spoke of "Challenges for Dental Leadership in the Decade Ahead". His presentation discussed the facts that the number of active dentists per capita in the U.S. is estimated to decline until the year 2020, and that the moderate increase in U.S. dental school graduates is not commensurate with the rate of U.S. population growth. Arthur A. Dugoni is continuing his mission to raise money for dental education, and urged all orthodontists to become dental education philanthropists. In his closing remarks he stated that "Dental Education is our legacy and our future...."



*President-elect Doug Jaul (right) and Director Heon-Jae Cho.*



*Dean Emeritus Arthur A. Dugoni speaking to the Angle Northern California Members.*

Dr. Heon Jae Cho presented an overview of Three Dimensional Imaging and discussed radiation levels, orientation standards, and benefits of usage. Dr. Cho is a full time faculty member at UOP and Director and Co-chair of the Northern California Angle Society Thesis committee. Miroslav Tolar, MD, PhD concluded the program with an interesting lecture on Stem Cell Research at UOP. Miroslav Tolar is an Associate Professor at the Arthur A. Dugoni School of Dentistry and Head of the stem cell and tissue engineering clinical facility. In his talk, Dr. Tolar discussed the use and importance of Bone Morphogenetic Proteins (BMPs) in growth and development and in the regulation of tissue. Dr. Tolar stated in his talk that stem cell research one day will have a bigger impact on dentistry than the use of amalgam. ■



*President-elect Doug Jaul with Miroslav Tolar MD, PhD who lectured on Stem Cell Research*

## ANGLE NORTHWEST

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

### Officers

President	Roy Gunsolus
President-Elect	Iain Allan
Secretary/Treasurer	Doug Klein
Past President	Michael Sheets

### Future Meetings

June 4, 2010  
Bellevue Club/Hotel in Bellevue, Washington

### News

The February 5-6, 2010 winter meeting was held in Portland, Oregon at the Benson Hotel. Our winter meeting is always well attended and this year was no exception. Dr. Sandra Maduke was welcomed as a guest and prospective member. Senior orthodontic residents from both Oregon Health Sciences University (OHSU) and University of Washington (UW) were also welcomed.

The scientific session opened with a two hour presentation by regular member Dr. John Kalange of Boise, Idaho. His topic was entitled "Prescription Based Indirect Bonding." Dr. Kalange has lectured extensively and written numerous articles on this subject, his presentation reflecting his expertise.

The remainder of the morning included a fascinating presentation by Dr. Judah Garfinkle regarding "Management of Craniofacial Abnormalities" from an orthodontic perspective. Dr. Garfinkle, second generation orthodontist, attended a craniofacial orthodontic fellowship at NYU following his formal dental and orthodontic education. He is currently in practice with his father, Dr. Richard Garfinkle, on staff at OHSU, and is the Director of Craniofacial Orthodontics at Doernbecker Children's Hospital. While these cases are extremely complicated, Dr. Garfinkle demonstrated how well-coordinated multi-disciplinary care can lead to impressive results.

Following lunch and our practice pearl sessions, the afternoon lecture continued with a surgical presentation by Dr. Leon Assael. Dr. Assael is head of the Oral Surgery Department at OHSU School of Dentistry. The title of his presentation was a "Paradigm Shift in Surgical/Orthodontic Diagnosis and Therapy." Orthognathic surgery is changing as rapidly as all specialties in dentistry and Dr. Assael's lecture gave a detailed look at the future of this fascinating field.

Our traditional Friday evening dinner event took place at one of Portland's finest restaurants. Atwater's is located on the top floor of the tallest building in the city. The views of the city and surrounding country are matched only by the fantastic meals.

Saturday morning session began with a guest presentation by Dr. Ken Lee, a periodontic specialist from Vancouver, BC. Dr. Lee





*President Dr. Roy Gunsolus thanks Dr. Doug Klein following his presentation*



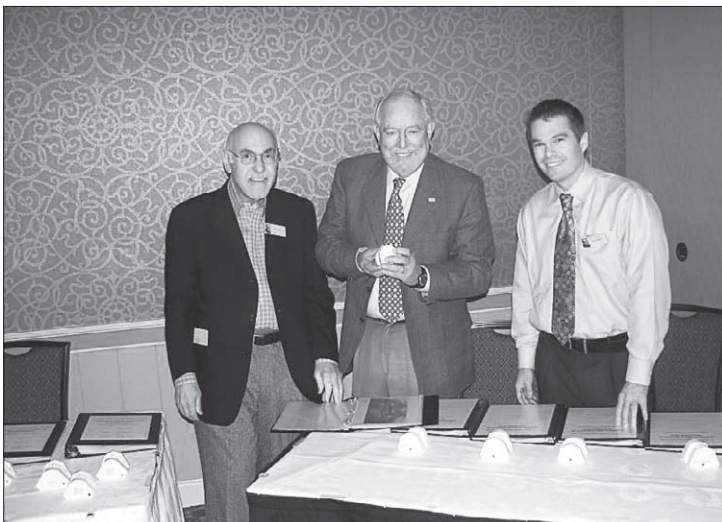
*NW Component President Dr. Roy Gunsolus thanks Dr. Garfinkle at the end of his presentation*



*Dr. John Kalange discusses indirect bonding*



*Dr. Judah Garfinkle answering questions regarding his presentation on craniofacial anomalies*



*Members Dr. Terry McDonald (center) and Dr. Ross Kaplan (left) discuss affiliate case displays with Dr. Ryan Moses*



*Vice President Dr. Iain Allan (on the right) and retired member Dr. Parker Fuhriman (left) discussing case displays with a student guest*



*Dr. Leon Assael (on the left) greets member Dr. Rich Litchfield (on right)*



*Following his lecture, Dr. Ken Lee (center) greets members Dr. Rich Litchfield (on the left) and Dr. Ward Smalley (on the right)*



*NW Component members comparing notes after the scientific sessions are over*

discussed orthodontic/periodontal interdisciplinary care with an emphasis on (extremely) long term follow-up. Many cases were examined pre-treatment, post-treatment, and then re-evaluated over twenty years later. His attention to detail and ability to manage minor tooth movement in conjunction with periodontal therapy is reflected in outstanding results.

Regular member Dr. Doug Klein gave the final presentation of the day entitled "Product Manufacturers: Conflicts in Health Care and Orthodontics." This was a review of some of the conflicts inherent in the relationship between orthodontists and product manufacturers. Dr. Klein is also a second generation orthodontist from Lake Oswego, Oregon. His father, Dr. Paul Klein, a senior retired angle member, unfortunately could not attend Doug's lecture. Dr. Klein practices in Lake Oswego and Tualatin, Oregon, and is on the faculty at OHSU in the Graduate Orthodontic Department.

Currently our membership includes eleven affiliate members who are in the process of becoming regular members. Regular membership requires each member to prospectively treat six cases. The initial, progress, and final treatment records of each of these cases are presented at each winter meeting. This requires a tremendous amount of work for the affiliate member, as well as for our admissions committee, which observes and grades the progress of each case.

Our admissions committee is chaired by Dr. Chris Matthews. The remaining members include Drs. Dan Yaillen, Dick Jones, Bill Sproule, Rob Elliott, Bruce Fiske, Dianne Dopple, Tim Quinn, and John Ive. The Northwest Component owes all of these individuals an extreme debt of gratitude. ■



## ANGLE SOUTHERN CALIFORNIA

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

### Officers

President	Matt MacLean
Vice-President	Rob Hambleton
Treasurer	Will Andrews
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Program Chairman	Harry Dougherty, Jr
Arrangements Chairman	Bob Bergman
By- Laws	Glenn Bloore
Historian	
Editor	Richard Mays
Executive Secretary	Nile Sorenson
Immediate Past-President	Milton Chan
Director to the Central Body	Rick McLaughlin
At Large	Matsatada Koga

### Future Meetings

September 17, 2010, Valley Hunt Club Pasadena, California

March 18-22, 2011 (3-day) location to be announced

### Spring Meeting

Our Spring 3-day meeting was held at the Hilton Universal City Hotel, Los Angeles, CA, March 19, through noon, March 21, 2010. On Friday, all members, Affiliate and Regular each displayed 2 cases for grading. Winners were: most unusual case, Jason Pair (new Affiliate member); most difficult case, Ray Lubberts; well treated extraction case, Keiko Nakamura; best Class III finish, Rick McLaughlin. In the afternoon, membership presentations were made by Affiliate members and also formal presentation of cases by prior years winners.

On Saturday, G William Arnett, DDS, FACD, spoke re: Orthodontic Preparation for Orthognathic Surgery and also Treatment Planning of the Face, Airway and Bite. His presentation centered on the soft tissue, skeletal and dental parameters needed to diagnose and treatment plan orthognathic surgery cases. He also covered optimal pre-surgical tooth positioning in order to attain the ideal surgical correction.

On Sunday, Stephen Yen, DMD, PhD, spoke on: Integrating Orthodontics with New Surgical Approaches. His presentation included the discussion of innovative Class III treatment for adolescents with cleft lip and palate, novel applications of TAD's, and dentoalveolar surgeries to accelerate tooth movement es-

pecially in difficult tooth movements and to reshape alveolar archform. These were all supported by clinical cases and recent research studies. Dr. Yen also presented studies on controlling facial overgrowth syndromes as well as a discussion of future therapeutics.

### MEMBER PORTRAIT

Richard A. Simms

Dick was born in New Orleans, Louisiana where he was raised primarily by his mother and grandmother. He attended public schools and high school in New Orleans.

Dick was accepted to Xavier University in 1942 as a Chemistry major in an accelerated program because of World War II. When he was drafted out of college in December of 1944, he had completed 3 years of college in 2 years. He was sent to Ft. Dix, NJ, to join a medical detachment in a Signal Corps battalion and then to Thomas M. England General Hospital in Atlantic City where he trained as a medic. Dick was then sent to Saipan with his battalion where as a Staff Sergeant he ran the daily sick call at the regional medical clinic that had one MD and one DDS.

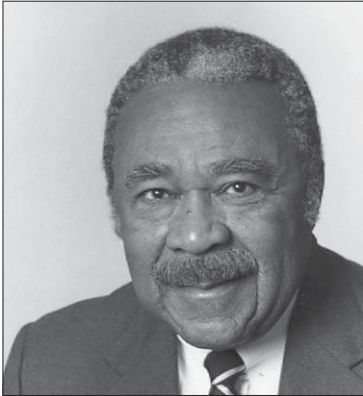
After the war, Dick re-entered Xavier University and completed his Bachelor of Science degree in 1947. Since he was waiting for the GI Bill to become effective, he worked a year for a medical supply firm, headquartered in St Louis where he worked as a stock-clerk in the department which handled various medical devices and hospital chemicals.

The GI Bill was finally approved and Dick entered Howard University dental School in 1949. He met his future wife Gerald a graduate of Dillard University's elementary education program. They were married in 1950.

Dick completed all of his dental school requirements by December of 1952, so was utilized as an instructor at the dental school until graduation in June 1953. He was elected to membership in Omicron Kappa Upsilon honor society. Dick then was accepted into an Oral Surgery internship from 1953-1954 at Howard University Hospital.

In addition to passing the Louisiana State Dental Board, he traveled West and took the California Dental Board in 1955, passing them as well, although never planning on practicing in California. He practiced in New Orleans, while Gerald taught school. After one year, he and Gerald moved to Long Beach, California. He





*Richard A. Simms*

practiced General Dentistry in a group of three other dentists in the nearby city of Wilmington for 6 years.

Having had an interest in Orthodontics since his senior year in dental school, in 1961 Dick applied and was accepted into the graduate orthodontic program at Loma Linda University. He graduated from the Masters curriculum, in 1963. His classmates were: Ben Robson, Alden

Chase, Art Morgan and James Heinrich. He served part-time as instructor, Associate Professor, and Professor of Orthodontics in the graduate school and dental school at Loma Linda from 1963 to 1991.

In 1979, while Dick was practicing Orthodontics, Dave Gaynor, President of the California Dental Association, appointed him to the Council on Legislation of the CDA, where he served as member, chairman and consultant for 19 years. While working in this CDA capacity Dick was also appointed to the Board of the California State Society of Orthodontists, (now called the California Association of Orthodontists, or CAO). He became President of the CAO in 1984 and was in office 2 years until 1986. While President, he originated the Society's quarterly publication "California Orthodontist". He served as the first and third editor of this quarterly publication. Further, Dick was appointed to two separate terms as California's representative to the American Dental Association's (ADA) Council on Governmental Affairs, 1987-91 and 1995-99. Dick was elected by the full ADA membership as First Vice-President of the American Dental Association and member of the Board of Trustees, 2000-2001.

Dick has given generously of his professional time to the ADA, AAO, PCSO and the CAO for well over 30 years, chairing many boards and committees, the list goes on and on. He also served concurrently as PCSO Repr. to the AAO's Council on governmental affairs for a period of 8 years as first a member and then as council chair.

At the Scientific session of the California Dental Association in the spring of 1993 and again in 2002, the meetings were "dedicated to Richard A. Simms, DDS for unique and dynamic leadership to the dental profession". He also was the recipient of the "Distinguished Service Plaque", California Association of Orthodontists. 1994. Dick delivered the commencement address to the graduat-

ing dental school class of the School of Dentistry at Loma Linda in May 2001.

Dick is a member of OKU and he was elected to Fellowship of American College of Dentists, as well as the International College of Dentists. He is a diplomate of the American Board of Orthodontics and since 1976 a member of the Angle Society of Orthodontists. He also served a term as Treasurer of the Southern California Component of the Angle Society.

Dick also has a significant avocation. He and his wife Gerald (now deceased) collect European (mostly German) Masterworks on paper, literature and illustrated books from the period, 1850-1950. They also collect Ancient Chinese Burial Terracotta Sculpture from the Han and Tang Dynasties. In addition, they collect Twentieth Century American Masters, paintings, sculptures, water colors drawings and prints.

Related to this interest in the Arts, Dick's community activities include: service as member and Chair of the council on Prints and Drawings of the Los Angeles County Museum of Art (LACMA) over an 18-year period. In 1985 he was appointed to membership on the Board of Trustees of the LACMA where he served for 12 years. He currently serves as Chairman of the Collections Council of the Getty Research Institute.

Dick and Gerald have a grown son and daughter. His son, who attended Claremont College, does some acting and he and his dad were in a commercial which ran in many national news publications several years ago. His daughter attended Long Beach State College and is currently a real estate appraiser for the County of Los Angeles.

Dick practices full time in his office in Harbor City and has lead a very full and complete professional life. Both his elected and volunteer service on the many boards of organized dentistry as well as the community is a tribute to his skill as a leader and problem solver.

Lee Logan

In mid July, 2009, Lee Logan, long time Angle member, past president of the National as well as Angle Southern California, passed away after a short illness. He received his MS in Orthodontics from Northwestern University in 1961 and returned to practice in Northridge, California. Lee will be remembered for his classic paper published in the AJO-DO: in February 1973: "Second Premolar Extraction in Class I and Class II". Lee hosted the Biennial meeting in Newport Beach in 1987. Lee was also a generous philanthropist towards autism and other causes. He served with distinction on our Angle Southern California Board at virtually ev-

ery level for many years and will be sorely missed. He was a true friend to everyone who knew him.

### Silver Pitcher

Angle Southern California has an engraved silver pitcher that is kept by the current President and always displayed near the podium during our meetings. This pitcher was given as a gift to Edward H and Anna Hopkins Angle in 1928. Mrs. Angle, also an orthodontist, was affectionately known to our Society as "Mother Angle". Before she passed away in 1956, she gave the

Silver Pitcher to a long-time friend and orthodontist, Betty Selmer. Prior to Betty's death in 1992, the pitcher was then given to her orthodontic assistant, Ruth Abbott (also good friend of Mother Angle's). Ruth had worked for several other prominent orthodontists of the era, including our own Jack Rathbone, past-president, now deceased. Ruth gave the silver Pitcher to Jack because of his Angle affiliation who in turn presented the Silver Pitcher to Don Tuverson, past-president and Director to Angle Southern California. One of our physical 'links' to the past and to our Founders, Edward H and Anna Hopkins Angle, is this Silver Pitcher. ■

Announcing a new publication from The Angle Society  
**The World of Edward Hartley Angle, MD, DDS:**  
*His Letters, Accounts and Patents*

compiled and edited by  
 Sheldon Peck

Published by  
 The E. H. Angle Education and Research Foundation  
 2007, ISBN: 978-0-9779524-0-3

About this monumental sourcebook on the beginnings of modern orthodontics...

This is a 4-volume limited-edition hardcover book set of over 3400 pages. Dr. Angle's correspondence and business accounts from 1899 to 1910, among his most creative years, are included. In addition, all of his patents – 45 USA patents and 1 Canadian patent – from 1889 to 1934 (posthumous) are reproduced. These historic materials were preserved by Dr. Anna Hopkins Angle and are now part of the archives of The Angle Society. Typed and handwritten documents have been retyped for legibility and arranged chronologically. In addition, the volumes feature chapters on Angle's life, students, and complete bibliographies of works by and about Angle, as well as 2 comprehensive indexes, by letter recipient and by subject matter.

The book set is published on a non-profit basis by The Angle Society for reference libraries, educational/research institutions and individuals. The 4-volume set is priced at US \$2000, plus shipping, payable by US check, MasterCard or VISA.

Purchase copies of this valuable one-of-a-kind educational resource for the libraries of your orthodontic department and dental school. What wonderful tax-deductible gifts that would make!

To order the book or get more information, please contact:

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## ANGLE EAST

www.angleeast.org

### Officers

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Dr. Hugh Phillis	President-Elect
Dr. Kolman Apt	Secretary/Treasurer
Dr. William Cole	Vice-President
Dr. Hugh Phillis	Program Chairman
Dr. Nicholas Barone	Director
Dr. Sheldon Peck	Historian
Dr. Carla Evans	Editor

### Meetings

March 25-27, 2011: Renaissance Hotel, Providence, RI

Angle East will meet March 25-27, 2011, at the newly-renovated Renaissance Hotel in Downtown Providence, Rhode Island. **Dr. Jim Fasy** promises a unique, hospitable venue; and **Dr. Hugh Phillis**, program chair, has arranged for a thought-provoking, discussion-filled scientific program.

### News

The 79<sup>th</sup> annual meeting of Angle East was held in Ottawa, Canada. Anglers were treated to the multitude of fine cultural destinations of the Canadian capital city and its rich architecture, history, parliament buildings and multiple venues of fine gastronomic cuisine. We enjoyed the extraordinary Canadian experience. Complimenting its location, the meeting was held at the historic Chateau Laurier, a Fairmont hotel. The ambiance, interior design and architectural detail created a unique participation, befitting the spirit and soul of Angle East.

Angle East President **Dr. Don Taylor** and his lovely wife, Leigh, were the consummate hosts, tending to every detail to assure that each and every attendee felt special and welcome. Thank you, Don and Leigh!

**Dr. Jim Fasy**, as program chair, put together a spectacular syllabus with an unusual blend of talks by active, affiliate and guest members. Also, back by popular demand were several short "pearl" presentations.

A record number of nine guests were in attendance: **Dr. Turi Bassarelli**, Italy, **Dr. Mark Berkman**, Michigan, **Dr. Joe Bouserhal**, Lebanon, **Dr. Dara Chira**, Vermont, **Dr. Mauro Cozzani**, Italy,

**Dr. Sanjivan Kandasmy**, Australia, **Dr. Elliott Moskowitz**, New York, **Dr. Jean-Marc Retrouvey**, Quebec, and **Dr. Raffaele Spena**, Italy. The examination committee and academic committee approved all initial clinical case presentations and scientific papers, and all guests will be invited to return for affiliate membership. Congratulations to all!



Guest Speaker Angela Genge and President Donald Taylor



Back row (left to right): Mauro Cozzani, Raffaele Spena, Jean-Marie Retrouvey, Turi Bassarelli, Sanjivan Kandasmy, Mark Berkman Front row (left to right): Joseph Bouserhal, Dara Chira, Elliott Moskowitz





*Dr. Lyle Johnson speaking on the life and impact of Dr. Tony Gianelly*



*Dr. Robert Garcia accepting "Barney" Swain Award on behalf of Dr. Yves Bolender*



*Parliament Building Ottawa*



*2010 AngleEast guest*

**Dr. Paul Batastini** and **Dr. Miriam Haisraeli-Shalish** were welcomed as new active members after satisfactorily completing scientific and clinical presentations as requirements during the affiliate membership process. Guests from 2009 who became affiliate members were **Keiji Moriyama**, **Kunihiko Otsubo**, **Antonio Seechi**. Guests at the 2010 Angle East meeting were **Turi Bassarelli**, **Mark Berkman**, **Joseph Bouserhal**, **Dara J. Chira**, **Mauro Cozzani**, **Sanjivan Kandasmy**, **Elliott M. Moskowitz**, **Jean-Marc Retrouvey**, and **Raffaele Spena**. The Angle East membership was informed of the passing of **Anthony Gianelly** and **George Gildea**.

As is tradition, the Saturday night gala consisted of fine dining in the beautifully appointed function room of the Chateau Laurier with live music from the Bianca Pittoors musical group, providing for ballroom dancing and easy listening for all guests.

The first special event of the evening was bestowing the Harvey Peck Memorial Award. This honor is given to an exceptional contributor to the fabric and dynamics of the Angle Society. A handsome award certificate created by our own **Dr. Jack Dale** is presented to a member for his/her high achievement in the pursuit of excellence in the specialty of orthodontics. It was the unanimous decision of the awards committee that **Dr. Tony Gianelly** receive this honor posthumously. A poignant eulogy was given by **Dr. Lyle Johnson**, and a moving acceptance of the award was given by **Dr. Mauro Cozzani**, close family friend of the Gianellys. Also accepting the award on Tony's behalf were **Dr. Leslie Will**, Chairman of Orthodontics, Boston University, and all the members of Angle East (three generations) who were former students of Dr. Gianelly during his years at Boston University.



*Harvey Peck Award to Tony Gianelly*



*Dr. Don Taylor presenting Dr. Paul Batastini certificate of membership*



*Jerry Orchin and Ute Schneider-Moser*



*Leslie Will, Paul Rigali, Bob Binder and Matt Miner*

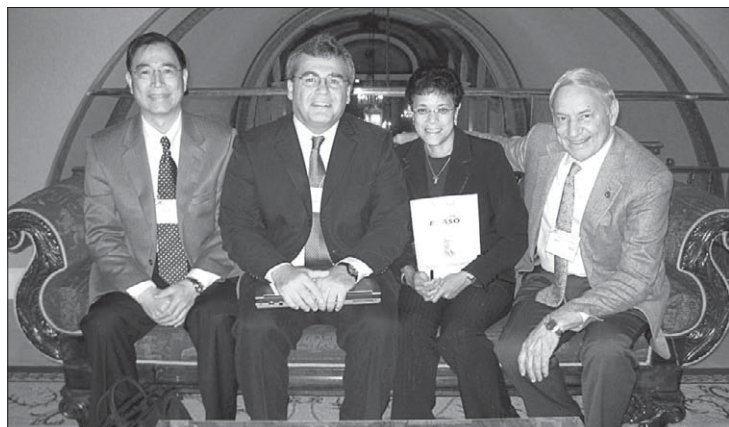
Another highlight of the evening was honoring a member of Angle East with the Distinguished Service Award. This annual recognition is given for outstanding commitment and meritorious service by a member to whom the annual meeting is dedicated. The recipient receives an inscribed Paul Revere bowl. This year's honoree had the distinction of being the first female (other than Mrs. Angle) president of any Angle component and also the first female recipient of the Distinguished Service Award. **Dr. Sheldon Peck**, in his distinctive oratory style, completely surprised the awardee, **Dr. Leena Peck**. Leena was honored and thanked for her multiple years of service as an officer of Angle East, member and chairman of the examining committee and Angle East chairman of the Heritage Fund campaign.

The "Barney" Swain Award is given for the "best paper." The 2009 recipient was **Dr. Yves Bolender** for his paper on *NiTi Archwire*

*Characterization: Cross-sectioned Dimension & Torsional Properties*. Accepting on Dr. Bolender's behalf was **Dr. Robert Garcia**.

As is its custom, at the completion of the Scientific Program, members vote on the "best paper." This year's recipient was **Dr. Ute Schneider-Moser** for her paper, *Is the Cant of the Occlusal Plane Significant in the Soft Tissue Outcome of Class II Surgical Treatment?* In her work, she compared cephalometric measurements of a sample of European untreated Class I female patients with pleasing profiles to Arnett's standards and then reported the relationships between posterior maxillary height and occlusal plane to the soft tissue profile in a sample of surgical Class II female patients. She concluded that the cant of the occlusal plane in the lateral view is an important parameter for orthodontic-orthognathic diagnosis and treatment planning, because its





*Chun- Hsi Chung, Carl Roy, Carroll Ann Trotman and Robert Vanarsdall*



*Kolman Abt and Hugh Phillis*



*Paul Batastini- New Active Member*



*Anne Todd, Michel Cognata, Carla Evans, Kambiz Moin*

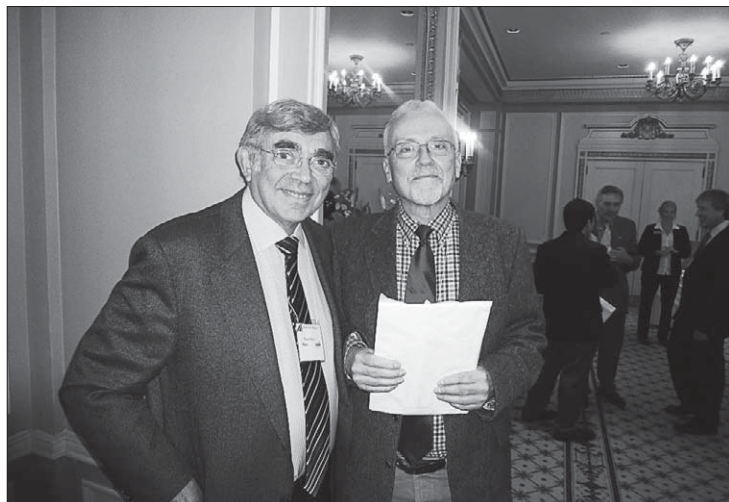


*Drs. Sheldon and Leena Peck*



*Matt Miner, Nick Barone and David Briss*





*Marcy Korn and Lysle Johnston*



*Margherita Santoro, Olivier Nicolay and Birte Melsen*



*Angle East Case Room*

steepness determines the final soft-tissue outcome significantly. A range of 93°-97° of posterior maxillary height can be regarded as a viable guideline to improve facial esthetics, especially in the lower facial third. Conventional cephalometric evaluation of the occlusal plane relative to intrinsic reference planes as SN or FH tends to underestimate borderline normal/steep cants of the occlusal plane and should therefore be combined with measurements of posterior maxillary height. If the esthetic outcome of orthognathic surgery is of major concern, the cant of the occlusal plane becomes a priority in treatment planning. Deliberate modification of the inclination of the occlusal plane by rotation of the maxillo-mandibular complex can only be performed with two-jaw surgery. Trying to avoid bimaxillary surgery by adding a genioplasty to a single-jaw procedure can hardly compensate for a postsurgical steep or flat occlusal plane and the resulting soft-tissue profile will likely not be optimal. Incidentally, this paper was presented by Dr. Moser as her scientific paper for completion as part of her requirements for the affiliate clinical track. Dr. Moser will be giving her paper to EHASO when meeting in 2011 in Charleston, South Carolina.

Angle East is considering digital records for case submission in an effort lead by David Briss. David Briss and Anne Todd will present a prototype at next year's Angle East meeting. The membership voted changes in the Angle East bylaws to conform with EHASO documents. For example, "Eastern Component" has been replaced by "Angle East" and "regular" members are now "active" member. The group is indebted to Elizabeth Barrett once more for preparing the program booklet as well as a program booklet instruction manual. The next annual Angle East meeting will occur at The Renaissance Providence Hotel, Providence, Rhode Island from March 24 to 27, 2011. ■

## ANGLE SOUTHWEST

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

### Annual Component Meeting

*AngleSouthwest* President, Marvin Stephens, and the Board of Directors invite all members to the Annual Meeting – October 3-6, 2010 in Kyoto, Japan.

Welcome to Japan!

Dear colleagues,

It is with great pleasure that the Japanese members of the Southwest Component of the E. H. Angle Society invite you to the *AngleSouthwest* Annual Meeting, which will be held from the 3rd to the 6th of October 2010 in Kyoto, Japan at the Hyatt Regency Hotel.

We thank you sincerely for the many times you have shown us hospitality in your country. We would like to repay, at least just a little, from the bottom of our hearts in Kyoto for the 2010 meeting.

*AngleSouthwest* Annual Meeting is held in wonderful places around the USA. We have learned so much each time and enjoyed the annual visit beyond any meager explanation.

We have selected the Hyatt Regency Hotel as our meeting venue not only for its reputation, but also because it

is one of the most beautiful and in vogue hotels in Kyoto. There are many traditional objectives that surround the hotel. Our goal is to create a positive learning environment offered in a relaxed setting so you may unwind over the period of your stay.

Please use this opportunity to enjoy some quality time with your family.

We sincerely hope you will have a wonderful time in Kyoto.

You can access additional information on the website:  
[www.anglesouthwest.org](http://www.anglesouthwest.org)



The Edward H. Angle Society of Orthodontics  
Southwest Component Kyoto Meeting 2010





## News from the Southwest:

### *Congratulations to:*

**Moody Alexander**, Team Alexander and patients.... YOU DID IT!!!!. Through the wooden nickel program at Drs. Alexander Orthodontics, Dr. Moody and his staff challenged their patients to collect 5000 wooden nickels representing \$5000 to Build a Well in Ethiopia through the CharityWater program ([www.charitywater.org](http://www.charitywater.org)). In just eight short months, over 5000 wooden nickels were donated by the patients. Through Charity Water, the patients have given at least 250 people in a remote village in Ethiopia clean, healthy water! It will take approximately 9-12 months for the project to be complete. Charity Water does a terrific job of preparing the village through education and training to assure the sustainability of the water project. It is worth the wait to guarantee long term success. Congratulations, Moody!



*Dr. Phillip M. Campbell*

**Dr. Phillip M. Campbell** was appointed by Dr. James S. Cole, dean, as chair of the Department of Orthodontics effective March 1. An alumnus, friend and supporter of Texas A&M Health Science Center Baylor College of Dentistry, Campbell looks forward to a new era for the department.

"I am humbled by the opportunity to serve the school in this capacity and look forward to the future with much enthusiasm. The Department of Orthodontics will celebrate its 50th anniversary in 2011. Our goal is to help make the best orthodontic department in the world even better," says Campbell.

Cole comments, "BCD is fortunate to have a member of our faculty who is highly qualified to serve as chair of the Department of Orthodontics." Congratulations, Phil!

**Dr. Jeryl D. English** recently installed as President of the American Board of Ortho-

dontics. Jerry is a representative of the Southwestern Society of Orthodontists, a member of the Southwest Component of the Angle Society and resides in Pearland, Texas. He is the Chair and Program Director of the Department of Orthodontics at the University of Texas Dental Branch at Houston. Dr. English serves as head of the Written Examination Committee. In addition, he is a liaison to the AAO Council on Orthodontic Education, the American Association of Dental Examiners and the Council on Dental Education and Licensure. Congratulations, Jerry!

**Dr. Cory Stephens** passed his Board Exams and is a certified Diplomate of the American Board of Orthodontics.



*Dr. Cory Stephens*

Dr. Cory attended the University of Texas at Austin where he received his bachelor's degree. He went on to receive his Doctor of Dental Surgery degree from Baylor Dental School, where he graduated at the top of his class. After graduating from dental school, Dr. Cory followed in his father's footsteps by completing a residency in orthodontics at the Baylor Orthodontic Department. Congratulations Cory! ■

**SAVE THE DATE!**  
**October 3-6, 2010**  
**Kyoto, Japan**  
**Make your reservations**  
**soon!!!!**



*Dr. Jeryl D. English*



### In Memoriam

Birdsall Holly Broadbent Jr,  
1927-2009

This year we lost another Orthodontic pioneer when Dr. Birdsall Holly Broadbent Jr of Madison, Ohio, passed away on July 9, 2009, at the age of 81. Born in Cleveland, Holly dedicated his life to teaching and research at Case Western Reserve University's School of Dental Medicine and the Bolton-Brush Growth Study Center. Holly was a

product of the schools that have made Ohio famous, including Shaker Heights High School, Adelbert College, Case Western Reserve University, and Case Western Reserve University School of Dentistry. Holly was a leader in dentistry and orthodontics at all levels. He was president of his 1952 dental school class, the Cleveland Dental Society and the Great Lakes Society of Orthodontists. Just recently, he helped organize the first Joint Cephalometries Experts Group meeting held in the Bolton-Brush Growth Study Center in November 2008. He was the only member of that group to also attend the First and Second Roentgenographic Cephalometrics Workshops in 1957 and 1960, respectively. Holly took great pride in keeping the Bolton and Brush radiographic collections active. Last year, researchers from IBM, Rochester University, Turkey, Greece, and China used the records for projects. Holly and his wife, Jackie, were gracious hosts to visiting researchers from around the world.

Born in 1927, Holly was just a toddler when his father, B. Holly Broadbent Sr. invented the cephalometer in 1929. However, he and his sisters Ann, Jane, and "Pinky" were recruited as some of their father's first subjects, and their growth records extend from childhood into their 70's. Ann is still living, although, Tane and "Pinky" have passed away. All were part of Rolf Behrents' classic study of adult facial growth. At their inception, the Bolton and Brush studies were the largest privately funded research studies in the world. At their height, they employed more than 50 research staff. Like his father, Holly developed a keen interest in the study of human growth and development. This interest culminated in 1975 with the landmark publication of the Bolton Standards of Dentofacial Growth and Development. This text, along with the Bolton Standard Templates, is recognized worldwide. The standards continue to be used for orthodontic diagnosis and treatment planning. In fact, with the increase in digital imaging, there has been renewed interest in template analysis. The Bolton templates

are especially important because of the way the radiographs were taken. Two x-ray heads were used, allowing the patient to remain stationary while both lateral and frontal views were taken. This allowed Dr. Broadbent and others at Case Western Reserve University to extend the data to 3 dimensions, making the Bolton standards the only nonnative data set that can be used with 3-dimensional cone-beam computed tomography images. Remaining active at the dental school until his last days, Dr. Broadbent said, "I'm delighted to have the privilege of compiling the marvelous cephalometric records of my father and continuing with his concept of developing a single assessment tool for analyzing craniofacial records." About his specialty, he said, "It's changed dramatically over the years. Research on facial growth and development has made a marked difference in the way people are treated today".

Dr. Broadbent served as a paratrooper in the 82nd Airborne of the US Army and obtained a pilot's license. After graduation from dental school he joined his father's practice as a preceptee in their downtown Cleveland office. "I got my orthodontic training that way," he said. He practiced with his father until the 1970s and then opened his own practice, which he maintained until 1999. He was a faculty member in Case Western's orthodontic department for 50 years, with the rank of clinical professor for the last 40 years. Active in the school's Alumni Association, he served as president in 1977-78 and was named Distinguished Alumnus of the Year in 2005. Holly was also involved in activities outside traditional orthodontics. He had varied interests and enjoyed life. He was a dedicated husband, a loving father, and a trusted friend. As a longtime supporter of the Boy Scouts of America and president of the board of Cleveland's Health Museum, Holly's contributions to civic life in Cleveland went beyond orthodontics and dentistry. In his spare time, he enjoyed singing with the Sleepless Knights and toasting in the company of good friends and colleagues. His dry sense of humor and warm handshake will be missed on the third floor of the dental school in the Bolton-Brush Growth Study Center and throughout the orthodontic world.

He is survived by his wife of 51 years, Jacqueline Owens; daughters, Meredith Broadbent Riedel and Elizabeth Parsons Broadbent; and grandchildren. In memory of the contributions of B. Holly Broadbent Sr and Jr to orthodontic teaching and research, the west side of the third floor of the Bolton Dental Building will be named the Broadbent Institute for Craniofacial Research.

Mark Hans  
Cleveland Ohio

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