



Angle Newsletter

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PRESIDENT'S MESSAGE

The weather was beautiful, the presentations were stimulating and the hospitality was typical "down home" Texas style at the 38th biennial meeting in San Antonio. Congratulations to the Angle Southwest for hosting a terrific meeting. The attendees greatly appreciate the tireless work of past-president Jimmy Boley and his first-lady, Sabrina, and all the individuals who volunteered to help. The charm of the Riverwalk provided a wonderful venue for leisurely lunches and dinners that were just steps from the hotel. The ranch and saloon social events allowed a little of the cowboy to come out of us all. As usual, the presentations provided an excellent opportunity for the attendees to expand their knowledge, and discussions were stimulating.

The 38th biennial meeting served as another significant milestone in the history of the society. Dr. Sheldon Peck, who has served as secretary of the EHASO for the last 14 years, decided to pass the mantle of this position on. As director from the Angle North Atlantic component for the past 10 years, I have observed it is the secretary's position that maintains the continuity of the EHASO making it a crucially important position. I have also observed the dedication that Shel has performed in this position committing untold hours and resources to this job. His efforts over these years are greatly appreciated by all and he will be deeply missed. Shel, the Society cannot thank you enough. Nonetheless, we are not letting him leave easily. Shel has been elected as Secretary-emeritus and has graciously agreed to actively participate in the transition for as long as it takes. Dr. Bhavna Shroff of the Angle North Atlantic component and the current editor of the *Angle Newsletter* was nominated and elected as the new secretary of the EHASO. We all congratulate Bhavna in her new role.

I am truly honored to serve as your president over the next two years. During my tenure, we hope to continue to build on the Heri-

tage campaign in support of the Angle Orthodontist. In the past year, open access to information has become an emphasis of various groups including the federal government. It is with much pride that we can say that the Angle Orthodontist has emulated the concept of open access with all current and past issues available to anyone with web access. The journal has experienced tremendous growth under the leadership of Dr. Robert Isaacson over the past 10 years. With approximately 700 submissions annually, the journal has increased the number of pages published each year to try and meet demand. Even so, acceptance rate is fast approaching only one of every five submissions accepted due to the increase in submission rate. Web hits have increased to over 3 million per year as another

indication of demand for our product. However, as in other print media, journal subscriptions have decreased. As a result, support from other resources such as the Heritage campaign endowment become essential for the survival of the open access format of the journal. While we will continue to request support from the members of the EHASO, we will request support from users of the open access format in a more user friendly format. Additionally, we will aggressively seek corporate support to meet our \$2 million endowment goal.

Looking ahead, we are actively planning for 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.

General chair Steve Lindauer and the rest of the planning committee are putting together a historic meeting which will offer outstanding papers and social programs for the members and the spouses. You should be receiving information at your component meetings and the website will be up soon (put in website if active).

I look forward to serving as your president over the next two years and to seeing everyone in Charleston. ■



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



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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

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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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From the personal files of E.H.A...

MANAGEMENT OF NON-COMPLIANT ORTHODONTIC PATIENTS, ANGLE-STYLE, 1899

Soon after arriving in St. Louis in 1895, Dr. Edward H. Angle became orthodontist to that city's elite class. Word spread that this man was a rare specialist in orthodontia and was considered the world's best clinician in the field. The rich and powerful came to him with their children. One such family was the Joneses.

By 1900, Breckinridge Jones was considered by many to be the wealthiest man in St. Louis. He was a prominent banker, lawyer, railroad investor and political fundraiser. As President of the Mississippi Valley Trust Company, he was a key organizer of the 1904 St. Louis World's Fair. Jones and his wife had two sons, Dan and Reid, whom they brought to Dr. Angle's office sometime in 1898. The boys were probably pre-teens at the time.

Angle likely started each boy on Angle-designed headgear with either a "chin retractor" or "traction bar" (maxillary facebow), depending on the specific malocclusions. It seems that the impish brothers soon developed into Dr. Angle's worst patients, in part due to their parents' laxness.

Below is a series of three letters from the Angle Archive sourcebook. Angle wrote them in May 1899 about the boys' failure in compliance. The first is cordial; the last is painfully candid. Ah, to recall those "ancient" times before a doctor needed to worry about the legal consequences of words with patients!

A footnote about the Jones family: Mrs. Jones, reputed to be a very beautiful woman, died tragically in 1904 as the result of injuries received when her horse carriage accidentally overturned at the World's Fair-grounds. Her two boys were with her and survived to become successful bankers two decades later, despite their incomplete orthodontic treatment.

-- Sheldon Peck

May 12, 1899.

My dear Mrs. Jones,-

I wish you would please call my office as I wish to talk over some questions with you with regard to my treating your sons' cases of irregularities of the teeth. Please do so at your earliest convenience and greatly oblige.

Yours very truly,

[signed] Edward H. Angle

May 18, 1899.

Mr. Breckinridge Jones
St. Louis, Mo.

Sir:-

Your message received and not to enter into any controversy will simply say I am very willing to continue treatment for your sons when the time arrives that yourself or Mrs. Jones or both of you shall realize the importance of and insist upon the boys keeping their appointments promptly, and wearing their appliances according to my reasonable and necessary requirements, the same as all of my other patients are doing cheerfully and successfully. All further fooling in the matter, however, must be at an end.

Yours truly,

[signed] Edward H. Angle

May 27, 1899.

Mr. Breckinridge Jones
St. Louis, Mo.

Sir:-

Your favor of May 20th received. I am delighted at your decision, for the boys have been so delinquent and so filled with flimsy excuses and evasive arguments that they have become a thorough nuisance, and I am glad to be through with them. And yet as I come to know you better I am inclined to believe that the boys are not so much to blame – they come honestly by it.

While it is most unpleasant to be compelled to discontinue treatment before ideal results are reached, I congratulate myself on succeeding in reaching an advanced stage in the treatment of the boys cases, under the most trying disadvantages I believe any one has ever had to contend with. I am positive no one else could have succeeded so well, so I have nothing to regret and much to be thankful for in getting rid of them.

[signed] Edward H. Angle

THE ANGLE HERITAGE CAMPAIGN

The angle heritage campaign receives an anonymous challenge

Just before the Biennial meeting in 2007 our members successfully matched a generous anonymous donation of \$100,000.00, helping the AHC break the \$1 million dollar mark! **Once again, just prior to our upcoming Biennial meeting in San Antonio, we have been fortunate to receive another very generous opportunity. An anonymous donor has agreed to match all NEW pledges to the Angle Heritage Campaign, dollar for dollar up to \$150,000!!!!** This includes all first time pledges as well as increased pledges from previous contributors and corporate pledges. This is a wonderful chance to increase our pledge total by \$300,000, or approximately 33%! Hopefully, this awesome pledge will be a stimulus for our membership as well as for orthodontists around the world to contribute.

We all realize that these are difficult and rather frightening times with the economy. Therefore, while large financial and case pledges are very welcome, **if each member would consider even a very small monthly pledge (i.e. \$25-\$100) from your office or home**, we would reach our goal fairly quickly. Therefore,

we hope that you will pick a new pledge option that suits your situation best:

- *Cash Pledges (monthly or general)*
- *Orthodontic Case Pledge*
- *Estate Pledges*
- *Grateful Patient Pledges*
- *Honorarium Donations*

As usual, we would appreciate it if you would please send your pledges directly to:

Dr. Phil Campbell
E.H. Angle Education and Research Foundation
Dept. of Orthodontics, Baylor College of Dentistry
3302 Gaston Ave., Dallas, TX 75246.

Or contact Dr. Phil Campbell by e-mail at pmc4747@sbcglobal.net. You may also contact your Component AHC Chairperson or Dr. Rick McLaughlin's office at (619) 225-1611 or ljbraces@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 Orthodontic Journal. ■

In September 2009, a donor who wishes to remain anonymous pledged a Matching Challenge Gift of \$150,000 to the Angle Heritage Campaign (AHC) to support *The Angle Orthodontist* in perpetuity. This pledge will match new donations or pledges to the AHC dollar-for-dollar up to a total of \$150,000 during the next several months. In other words, your new gift of \$5,000 will actually be doubled to \$10,000, if you contribute now in meeting this matching program. This generous Challenge Gift presents a great opportunity for new AHC donors -- and existing donors making new additional pledges -- to double the power of their gifts to a total of \$300,000 in new contributions for the Angle Heritage Campaign. ■

Contributions of Interest

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Angle Prize Winners

Drs. Gu and McNamara were judged the 2009 recipients of the Edward H. Angle Research Prize for excellence in orthodontic research, based on their November 2007 article, "Mandibular Growth Changes and Cervical Vertebral Maturation." The Angle Prize winners were announced in November 2009 in San Antonio, Texas, at the 38th International Biennial Meeting of the Edward H. Angle Society of Orthodontists. ■

The Edward H. Angle Research Prize

2009

James A. McNamara,

Jr. co-author **Yan Gu**

Mandibular Growth Changes and

Cervical Vertebral Maturation

A Cephalometric Implant Study

The Angle Orthodontist: 2007;77(6)947-953

2007

R. Scott Conley

co-author **Christopher Jernigan**

Soft Tissue Changes after Upper Premolar

Extraction in Class II Camouflage Therapy

The Angle Orthodontist: 2006;76(1)59-65

2005 (tie)

Richard Scott Conley

co-author **Harry Legan**

Mandibular symphyseal distraction osteogenesis:

Diagnosis and treatment planning

considerations

The Angle Orthodontist: 2003;73(1)3-11

2005 (tie)

Eunkoo Kim

co-author **Anthony A. Gianelly**

Extraction vs nonextraction: Arch widths and

smile esthetics

The Angle Orthodontist: 2003;73(4)354-358

2003

James A. McNamara, Jr.

co-authors **Tiziano Baccetti,**

Lorenzo Franchi and

Christopher G. Cameron

Treatment timing for rapid maxillary expansion

The Angle Orthodontist: 2001;71(5)343-350

2001

S. Jay Bowman

co-author **LSyle E. Johnson, Jr.**

The esthetic impact of extraction and nonextraction

treatments on Caucasian patients

The Angle Orthodontist: 2000;70(1)3-10

1999

James C. Boley

Facial changes in extraction and

nonextraction patients

The Angle Orthodontist: 1998;68(6)539-546

1997

Robert E. Rosenblum

Class II malocclusion: Mandibular retrusion or

maxillary protrusion?

The Angle Orthodontist: 1995;65(1)49-62

1995

Phillip M. Campbell

Enamel surfaces after orthodontic bracket bonding

The Angle Orthodontist: 1995;65(2)103-110

1993

Sheldon Peck

co-authors **Lena Peck** and **Matti Kataja**

The gingival smile line

The Angle Orthodontist: 1992;62(2):91-100

1991

Ram S. Nanda

co-authors **Kazunori Yamaguchi** and

Terushige Kawata

Effect of orthodontic forces on blood flow in

human gingiva

The Angle Orthodontist: 1991;61(3):193-203

COMPONENT NEWS

ANGLE EAST

www.angleeast.org

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2nd Past President	Howard Anstendig '11
1st Past President	Michael Cognata '12
Examination Committee	Michael Vermette '10

News:

Angle East members are looking forward to the 2010 meeting which will be held at the Fairmont Château Laurier in Ottawa, the national capital of Canada, from March 24-28. After arriving on Wednesday, March 24, the executive and examining committees will have a full day of activities before the welcoming reception begins at 5pm on March 25. The program chair, James Fasy from Swansea, Massachusetts, has planned a program suitable for the monumental surroundings. Up to date details of the program are posted in the Angle East website (www.angleeast.org).

The Fairmont Château Laurier is a magnificent limestone building with turrets that stands next to the Parliament Buildings and has been called "the third chamber of Parliament" because of the many important political events that have taken place in the hotel. The hotel boasts of its location between Parliament Hill, the Ottawa River, the Congress Centre, the open-air Byward Market, and the world's longest skating rink.

Members William Cole and Yves Bolender represented Angle East at the November 2009 Biennial Angle Society meeting in

San Antonio. William Cole and Yves Bolender were selected because they gave the best papers given at the 2008 and 2009 Angle East component meetings. At the 2009 Angle East meeting in Newport, William Cole (Margaretville, New York) received the Brainerd F. Swain Award of Excellence for best paper from 2008 AngleEast meeting in Charleston at the Charleston Place Hotel. His paper was titled "Clinical Efficiency of Antimicrobial Ligature Ties." Yves Bolender (Strasbourg, France) gave the best paper, "NiTi Archwire Characterization" at the 2009 AngleEast meeting in Newport at the Viking Hotel.

Yves Bolender's research was conducted with collaborators from Nancy University. The project measured cross-sectional dimensions of the most commonly used maxillary preformed 0.017 @ 0.025 in. NiTi archwires and tested the torsional properties of these wires at 20°C, 35°C et 55°C. He found that most NiTi archwires were significantly undersized in height and width. Coated NiTi Rematitan Lite White was the only oversized wire. Differences in cross-sectional dimensions were detected between the anterior and posterior parts of certain archwires and most NiTi archwires did not display any superelasticity in torsion at average oral temperature. Copper NiTi 35°C® and 40°C® were the only superelastic wires at 35°C. Braided stainless steel D-Rect® archwire displayed a better torsional behavior at 35°C than most NiTi archwires.

Also at the 2009 Angle East meeting in Newport, Howard Anstendig was recognized for his outstanding service as president from 2007-2008 by President Michael Cognata. A special guest presentation titled "Dental Pulp Stem Cells" was given by the tooth fairy, Corine Barone Cognata. Corine Barone Cognata is a pediatric dentist, diplomate of the American Board of Pediatric Dentistry, television consultant about dental pulp stem cells in primary teeth, and spouse of Michael Cognata. ■

ANGLE MIDWEST

www.anglemidwest.org

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President-Elect	Steve Harrison
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Secretary-Treasurer	Randy Wright
Admissions Committee Chair	Roberto Lima
Study Committee Chair	Richard Kulbersh
Component Representative	Valmy Kulbersh
Past President	Rusty Long

Future meetings

The 2010 meeting is scheduled in Chicago, Ill. from January 31st through February 3rd.

The 2011 meeting will be held in Orlando, Fl. during the middle to late January.

News

A wonderful meeting is in the works for the annual session of the Angle Midwest. The Intercontinental Hotel in Chicago will provide the elegant venue for another outstanding Angle Midwest event. Todd Wentz, our program chair, has assured that this meeting will be another successful one due to the quality of the scientific and social programs planned. Several of our affiliate members

will again be presenting their research papers in partial fulfillment of the requirements for membership along with other members' presentations.

Members News

Richard Kulbersh and Eugene Roberts were the recipients of the American Board of Orthodontics Dale Wade Award for excellence in Orthodontics. These two recipients have dedicated their orthodontic careers to educate our students on the importance of the ethical practice of orthodontics along with excellence in the delivery of care.

Congratulations Gene and Richard on this well deserved recognition.

Mark Hans and Valmy Kulbersh were selected to present papers at the biennial meeting in San Antonio.

Obituary

Dr Raymond Thurow has passed away on July 30th , 2009. He was teacher, author and a leader in our field. He will be missed by all his former students, colleagues and friends, worldwide.

Dr. Benjamin Williams has passed away on August 27th, 2009. He will be missed by all his friends in the Angle Society. ■

ANGLE NORTH ATLANTIC

www.anglenorthatlantic.org

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President-Elect/Vice President	Len Rothenberg
Secretary/Treasurer	Harry Legan
Program Chair	Dianne Rekow
Editor	Michael Spoon
Director to the Central Body	Timothy Wheeler
Immediate Past President	Steven Lindauer

Future Meetings

2010 Wednesday, March 24th to Saturday, March 27th
Intercontinental Harbor Court Hotel, <http://www.harborcourt.com/> 550 Light St., Baltimore, MD 21202-6099. This hotel is across the street from the Maryland Science Center (<http://www.mdsci.org/>) and looks across the vivacious Inner Harbor (<http://baltimore.org/about-baltimore/inner-harbor>) at the National Aquarium in Baltimore (<http://www.aqua.org/>) and

several historic ships (<http://www.historicships.org/>). Other nearby attractions include the Reginald F. Lewis Museum of Maryland African American History & Culture (<http://www.africanamericanculture.org/>), the Geppi's Entertainment Museum of popular culture (<http://www.geppismuseum.com/>), Fort McHenry (<http://www.nps.gov/fomc/index.htm>), the quirky and not always kid friendly American Visionary Art Museum (<http://www.avam.org/>), and the definitely kid centric Port Discovery Children's Museum (<http://www.portdiscovery.org/>). Sports fans will want to visit the Babe Ruth Birthplace Museum and Sports Legends Museum at Camden Yards (<http://www.baberuthmuseum.com/>). Some may wish to visit the Lloyd Street Synagogue, the third oldest synagogue still standing in the United States, which houses the Jewish Museum of Maryland (http://www.jhsm.org/html/hb_iss.html). STOMP—the percussion group that uses everything but convention instruments—will be playing a short cab ride away (see <http://www.broadwayacrossamerica.com/baa.site/City.aspx?CityId=1323&EngId=4594>).

Our Program Chair, Dr. Dianne Rekow, will be calling for papers from the membership. Two and a half days of scientific presentations are planned. Affiliate members will be presenting scientific papers and clinical cases as fulfillment of requirements for membership. Our active membership will be also presenting both clinical and research papers.

Bring your coats; average highs are in the upper 50s and lows run in the mid-30s. More information for component members will follow.

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. Promotional materials for the next Biennial were passed out and each presentation ended with a slide reminding attendees of the Charleston Biennial meeting. This year's Biennial meeting ended with a wonderfully produced video and audio presentation highlighting the attribute of Charleston.

Biennial Presentations

The North Atlantic Component of the Angle Society was very well represented at the Biennial Meeting at San Antonio. Twelve of the 110+ participants were members of our component.

- Dr. Proffit gave a presentation on New Methods / New Technology in Orthodontic Diagnosis and Treatment Planning. He argued that pattern analysis, using CBCT without landmark-

ing schemes, will become the prevailing method of craniofacial change determination. He pointed to the current interest in the tooth-lip relationship and encouraged orthodontists to incorporate 4D analysis by including video capture of the different smiles presented by patients.

- Because Dr. Mark Hans was ill and could not attend the Biennial, Dr. Legan presented Dr. Hans' paper and his review of the original paper, entitled Dentofacial Orthopedics as Adjunctive Therapy for Children with Sleep Apnea Disorder. Dr. Hans looked at the hyoid position in patients with obstructive sleep apnea (OSA) pre- and post-RPE. It was pointed out the OSA in children is likely under-diagnosed and has been implicated as a comorbidity factor in cardiovascular problems, bed wetters, nocturnal sweating, ADHD, and morning headaches.
- Dr. Cynthia Beeman presented a retrospective, descriptive study entitled Prevalence of Hypodontia in North America: Regional and International Comparisons. The last North American hypodontia study completed before this was reported in 1979. In particular, she looked at the two known risk factors for dental abnormalities—maternal smoking and low birth weights. Dr. Beeman has also published an interesting statistical correlation between hypodontia and epithelial ovarian cancer (<http://jada.ada.org/cgi/reprint/139/2/163>).
- Dr. Tim Wheeler presented a paper on the effects of relaxin on tooth movement and retention. Relaxin is a peptide hormone that stimulates the breakdown of collagen. It is believed to allow expansion of the pelvic girdle during parturition. Corthera (formerly BAS Medical, <http://www.basmedical.com/>) is the biopharmaceutical company that has worldwide rights to develop and commercialize relaxin thought relaxin might enhance orthodontic movement and help prevent relapse during retention. Administration was via injections mesial and distal to the experimental teeth. Every patient had measurable systemic levels in the blood following the injections. The superimposition feature of Anatomage's InVivoDental program (<http://www.anatamage.com/product-Invivodental.html>) was used to evaluate tooth movement. Fractal analysis was used to judge bone quality.
- Dr. Bhavna Shroff reviewed Dr. Greg Huang's paper on the State of Evidence in Orthodontics (similar to http://www.pcsortho.org/bulletin/upload/p-31-32_Evidence-Based-Orthodontics.pdf). Dr. Huang encouraged us to become ADA trained evidence-based champions. Dr. Shroff echoes these sentiments, saying it should fall upon the Angle Society to be introspective about our methods and past research.

- Other notable presentations included invited guest speakers Dr. Hugo De Clerck and Dr. Lysle Johnston. Dr. De Clerck presented several cases of Class III correction using maxillary and mandibular Bollard miniplates (<http://www.hugodeclerck.net/Product.html>) and maxillomandibular traction. The results of this alternative to face mask are very impressive and outlined in a recent article—De Clerck HJ, Cornelis MA, Cevidanes LH, Heymann GC, Tulloch CJ. Orthopedic traction of the maxilla with miniplates: a new perspective for treatment of midface deficiency. *J Oral Maxillofac Surg.* 2009 Oct;67(10):2123. Voxel-based superimpositions of the anterior cranial base, using CBCT images, were done using a technique adopted by Dr. Lucia Cevidanes at the University of North Carolina (see Cevidanes LHS, Bailey LJ, Tucker Jr. GR, Styner MA, Mol A, Phillips CL, Proffit WR, and Turvey T. Superimposition of 3D cone-beam CT models of orthognathic surgery patients. *Dentomaxillofacial Radiology* (2005) 34, 369–375). They found that 58% of the change is the maxilla moving forward and 42% of the change involves mandibular effects. They showed significant remodeling of the glenoid fossa: the posterior border moves back and the anterior shows apposition.
- Dr. Lysle Johnston gave an impassioned presentation about motivating factors of those that enter academics. He called for us to recognize and revere individuals with a calling for academia. He stressed that the role of educators is not simply to produce more orthodontists, but to generate new knowledge. When research is valued by the

profession, then inspired resident will choose to enter the academic ranks.

Biennial Business

- Dr. Bob Isaacson was honored twice for his outstanding service to the EHASO during the first day of the Biennial. The first time was during the first business meeting. The second time came at the Knibbe Ranch, where he was presented with an American flag that had flown over the Alamo that day.
- Dr. Bob Isaacson, as Editor of *The Angle Orthodontist*, outlined how the number of hits on the web site has increased exponentially since the magazine went to a free access model. The number of submitted papers has risen so fast that the acceptance rate has dropped, even as the total number of published pages has increased in the past few years. He also mentioned that there is a \$150,000 matching funds grant in effect. Donations can be made online at <https://timssnet2.allenpress.com/ECOMANGF/timssnet/donations/donations.cfm>.
- Dr. Tim Wheeler was promoted to president of the EHASO Board of Directors for 2009-2011. The outgoing president, Dr. Jim Boley, and his wife were presented with commemorative gifts for their service.
- Dr. Bhavna Shroff succeeds Dr. Sheldon Peck as Secretary of the EHASO Board of Directors. She is only the seventh person to hold that title. ■

ANGLE NORTHERN CALIFORNIA

www.anglenorcal.org

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Past President	James Garol
EHASO Director	Ronald Champion
Directors	James Peck William Lieber Maryse Aubert Dennis Widman Heon-Jae Cho

Future Meetings:

January 29, 2010
Peninsula Golf and Country Club, San Mateo, CA

April 9, 2010
UOP Dugoni Dental School, San Francisco, CA

November 5, 2010
Peninsula Golf and Country Club, San Mateo, CA

News:

Angle Northern California held an informative full day meeting on September 25th at the beautiful Peninsula Golf and Country Club in San Mateo, CA. Dr. Robert Boyd showed a difficult adult open bite case which was nicely treated using clear aligners. Dr. Don Linck



Angle Northern California 2009 Board of Directors from left to right, Brian Payne, Ron Champion, Steve Dugoni, Heon Jae Cho, Maryse Aubert, Greg Wadden, Bill Lieber, Jim Peck, Doug Jaul and Jim Garol



Dr. Hee Soo Oh presenting results from a recent UOP Dugoni Dental School mixed dentition treatment study



Drs. Steve Dugoni, Don Linck, Howard Hunt, Bob Boyd, Hee Soo Oh and Doug Jaul



Angle Northern California Members and guests enjoying lunch at the Peninsula Golf and Country Club in San Mateo, California

showed numerous cases that demonstrated his early experiences utilizing bone anchors. Much of this work was done well before orthodontic micro implants came on the scene and Don collaborated extensively with the late Dr. John De Vincenzo from San Luis Obispo, CA to develop these novel appliances. Dr. Howard Hunt gave an excellent presentation which summarized his membership thesis entitled "A Review of Clinical Uses of Beta-Titanium Wire in Orthodontics". Dr. Donald Rogers was the discussor. Congratulations to Dr. Hunt for completing the requirements to become an Active member. The final presenter of the day was Dr. Hee Soo Oh who showed impressive results from a recent UOP Dugoni School of Dentistry study on mixed dentition treatment outcomes. Our members and guests enjoyed a wonderful lunch prior to Dr. Oh's presentation and completion of this excellent meeting which had many lively discussions.

After much work by the Bylaws Committee headed by Dr. Jim Peck, Angle Northern California has completed and approved revision of its Bylaws to conform to the EHASO Bylaws. Also, we are proud to report an extensive upgrade of our website and invite all to visit www.anglenorcal.org.

It is with great sadness that we report the passing of Dr. George S. Payne on September 12, 2009. George was a special and highly regarded member of the Angle Society. He along with Dr. Arthur Dugoni was meeting co-honoree at the 36th Angle Biennial meeting held at Lake Tahoe in 2005. George was a multifaceted leader in dentistry and will be remembered by all of the students he mentored during his faculty time at UCSF and UOP as a terrific teacher and role model. ■

NORTHWEST

www.anglenorthwest.com

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President Elect	Roy M. Gunsolus
Secretary/Treasurer	J. Iain M. Allan
Director to the Central Body	Dale V. Rhoney
Immediate Past President	Robin S. Jackson

Future Meetings:

The next meeting of the Angle Northwest Component will be hosted at the Westin Benson Hotel on February 5th and 6th 2010 in Portland, Oregon.

The summer meeting of our component is tentatively planned for June 4th 2010 in Seattle Washington.

News:

The summer meeting was held in Seattle this year on June 5th 2009, and as per our usual custom, was held at the Fairmont Olympic Hotel. Attendance was excellent and we were pleased to welcome two guests who attended as prospective Active members in the Society.

Our program was devoted to the clinical aspect of Orthodontics with excellent case presentations from two Affiliates, Dr. Donald Flanagan and Dr. Scot Burgess, who were completing their final requirements for full membership in the Society. Both the presenters lived well up to the high standards set by the Society and were much appreciated in the traditional manner.

Dr. Sam Chiang, one of our Vancouver members, in his presentation entitled "Utilizing Temporary Anchorage Devices" shared





his own clinical experience with TAD's, illustrating his journey in this exciting and rapidly developing area of orthodontic practice. He presented several severe cases which many clinicians might be unwilling to attempt non-surgically, and clearly demonstrated the great advantage TAD's can potentially offer in overcoming many challenging clinical dilemmas.

Dr. Kenneth K. S. Lee was our final speaker of the day with his presentation on "Implant site development". Dr. Lee is doubly qualified in Periodontics and Prosthodontics, and has practiced in Vancouver since the early 1980's with a special interest in the provision of implant supported prostheses. He gave a most thorough and thought provoking presentation on the subject of implant site development. Using clinical material meticulously documented from his practice, he emphasized the opportunity we have as orthodontists to significantly contribute to the success of prosthetic/restorative cases, particularly where a single tooth restoration is

planned. His perspectives after years of experience in the provision of implant supported prostheses underlined the importance of multidisciplinary treatment planning, especially for cases with severe alveolar defects.

Congratulations once again to our President Elect Roy Gun-solus for another excellent program, and to President Dr. Michael Sheets for his continuing fine leadership. This year we have seen five new members inducted with Dr. Scot Burgess, Dr. Donald Flanagan, Dr. Francine Lo, Dr. Vince Kokich Jr. and Dr. Leslie Williams all leaving their Affiliate status behind. The CE programs have been first class and the fellowship second to none.

Finally, the NW component looks forward to meeting our fellow Angle Society members at the 38th Biennial meeting this coming November in San Antonio, and particularly appreciate the warm Texan welcome extended by our SW colleagues. ■

ANGLE SOUTHERN CALIFORNIA

www.anglesocal.org

Officers

President	Milton Chan
Vice-President	Matt MacLean
Treasurer	Robert Hambleton
Secretary	Will Andrews
Program Chairman	Gary Kawata
Arrangements Chairman	Harry Dougherty, Jr
By- Laws	Glenn Bloore
Historian	
Editor	Richard Mays
Executive Secretary	Nile Sorenson
Immediate Past-President	Dave Rynearson
Director to the Central Body	Richard McLaughlin

Recent Meeting

Our half day Fall meeting was held at the Valley Hunt Club, Pasadena, CA, on Friday September 18. Four of the 5 presentations were given by our own members. Our first speaker was Robert Bergman, who spoke on "Normalizing the Integumental Profile". He correlated treatment goals based on the facial pattern presented for treatment.

Robert Hambleton spoke on "Anterior Open Bite Treatment" and discussed early habit control as well as treatment modalities to help us with this difficult problem.

James Zahrowski, who also holds a degree in Pharmacy, spoke on "Regulatory Controversies Affecting Orthodontics". Some of these are mandated by our CA State Dental Board. He also discussed 'Standard of Care' as well as American Heart Association guidelines relative to prophylactic coverage for patients with compromised hearts and valves.

Hap Dougherty presented records and treatment results of 2 beautifully treated non-surgical, Class II patients, treated in their early teens.

Our final speaker was Mr. Phil 'Smith with Sesame Communications, "Your Online Presence---Is it really about you?" Mr. Smith discussed personalizing websites for effectiveness.

Future Meetings

Our next meeting will be our annual 3-day event, this year being held at the Hilton Los Angeles/Universal City on March 19 through the 21st. Our Friday format will be the model and records case display by the membership for grading. In the afternoon, papers will be presented, usually by Affiliate members fulfilling their publishable case report for Regular membership. On Saturday until mid-afternoon, Bill Arnett will speak and on Sunday morning we will have a presentation by Steven Yen. The meeting concludes at noon.

Lee Logan

In mid July, Lee Logan, long time Angle member, past president of the National as well as Angle 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 every level for many years and will be sorely missed. He was a true friend to everyone who knew him. ■

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.

SAVE THE DATE!!!!**2010 AngleSW meeting....****Kyoto, JAPAN October 3–6, 2010**

Mark your calendar to attend this meeting in Japan.



The next meeting of the Southwest Component will be in Kyoto, JAPAN!!! Our very special members from Japan extend a warm Japanese welcome for everyone to visit their beautiful country.

The meeting will be at the Hyatt Regency Kyoto, Oct. 3-6, 2010. We are planning an outstanding scientific program and lots of enjoyment while experiencing the Japanese culture.

Please consider joining your colleagues in the Southwest component to share in friendship and education. Information available at: www.anglesouthwest.org

ANGLE SOUTHWEST

www.anglesouthwest.org

News from the Southwest:

Letter from Affiliate – Dr. Marko Perkovic – Rijeka, Croatia

From 5th to 7th March this year, during annual session of EHASO southwest component, my wish was finally granted – I've become a member of that elite society. My long-year knowing of Dr. Alexander, Dr. Stephens, Dr. Asai, Dr. Koyama, Dr. Kuroda provokes a desire in me to become a member. I considered that as a member I could become a better orthodontist myself. I met many excellent orthodontists, good colleagues and extraor-



Left to Right: Darrell Havener, Phil Corbin, Marko Perkovic

inary people like Dr. Darrell Havener, Prof. G. Frans Currier, Dr. Jim Boley and especially my new friends Dr. Philip J. Corbin, Dr. Ed Owens, Dr. Cory Stephens and Dr. Fred Hassig. Because of them I felt like home. Everybody was so kind and open armed, willing to help me or talk to me, especially my two 'brothers' Dr. Marvin Stephens and Dr. Yatsuhiko Asai. Our friendship became an unofficial fraternity. We gladly meet anywhere in the world during our conferences. I would like to thank everyone, mentioned or not, but special thanks goes to my sponsors Dr. Wick Alexander and Dr. Marvin Stephens who helped me to make my wish come true. I am looking forward to our next meeting in Japan.

Dr. Marko Perkovic
from CROATIA



Dr. J. Moody Alexander

Summer Mission Trip

This summer, Dr. Moody had an opportunity to return to Abe's orphanage in Addis Ababa in June and provide dental care for the

children. He, along with four Ethiopian dental students, was able to see over 100 children in two different orphanages. He says, "Using dentistry to serve these children has been one of the greatest thrills of my life! I can't wait to do it again. God has such a special place in His heart for these kids. They minister to me much more than I can begin to minister to them!"

Cairo, Egypt

On the way to Ethiopia, Dr. Moody was in Cairo, Egypt. He lectured to over 160 orthodontists from the area on "Guidelines for Facial Balance and Harmony using the Alexander Principals"

Dr. J. Moody Alexander and his wife Emily are waiting on a phone call to go back to Ethiopia and bring home their 3 year old son, Seth Evasu Alexander. Seth will be joining Moody and Emily and their 5 children. Prayerfully they will be traveling in October.

38th EHASO Biennial meeting

Dr. Jim Boley and Dr. Wick Alexander are co-chairmen of the 38th EHASO Biennial meeting in San Antonio. Jim Boley is the current EHASO President and Wick Alexander proudly represents the Southwest component with the many additional committee chairmen:

Sabrina Boley	Main Contact
Lexine Perez	Sabrina's Backup
Becky Davis	Local Arrangements
Dr. George Schudy and Judy Schudy	Local Arrangements
Pat Hazelwood	Local Arrangements
Dr. Marvin Stephens	President, AngleSW
Dr. S. Ed Owens and Dr. Tucker Haltom	Scientific Program Co-Chairmen
Dr. Shannon Owens	A/V On-site
Dr. Larry Tadlock	A/V Pre-planning
Dr. Mike Steffen	Event leader/Golf
Susan Wunderlich	Event leader/Knibbe Ranch
Nancy Adame	Special Event Coordinator

Dr. Chuck Alexander – will present his paper – "The Relationship Between the Angulations of the Maxillary Incisor and Incisal Wear – A Long Term Study"



HIGHLIGHTS FROM THE ANGLE BOARDROOM

38th Biennial Meeting, San Antonio, 2009

by Sheldon Peck, Secretary Emeritus, EHASO and Angle Foundation

Your EHASO Board of Directors met on Thursday, November 5, 2009 at the Marriott RiverCenter Hotel in beautiful San Antonio. The full-day work session was filled with reports, discussions and votes on many important issues on the table for our Angle Society and Foundation. On balance, the EHASO and its Foundation are managing well in today's changing environment. For the future, the success of the Angle Heritage Campaign (AHC) to build an endowment will assure the financial security and free online access of our renowned journal, *The Angle Orthodontist*.

The following members of the EHASO and Angle Foundation Boards were present:

Jimmy C. Boley	President; Angle Southwest Director
Timothy T. Wheeler	Vice President; Angle North Atlantic Director
Sheldon Peck	Secretary
Phillip M. Campbell	Treasurer, Angle Foundation
Ronald L. Champion	Treasurer, EHASO; Angle Northern California Director
Nicholas D. Barone	Angle East Director
Valmy P. Kulbersh	Angle Midwest Director
Dale V. Rhoney	Angle Northwest Director
Richard P. McLaughlin	Angle Southern California Director
Robert J. Isaacson	Editor, <i>The Angle Orthodontist</i>

Here are highlights from the 2009 Angle Biennial Board meetings:

Edward H. Angle Society of Orthodontists (EHASO) Board Meeting

Memorial Resolutions were read honoring members who died during the 2007-2009 Biennium:

Angle East - Nicholas Barone
Anthony A. Gianelly, 1937-2009
Michael F. Kelly, 1937-2008

Angle North Atlantic - Timothy Wheeler
Robert Warren Baker, Sr., 1926-2008
Young-Ho Kim, 1927-2008

Angle Midwest - Valmy Kulbersh
Robert R. McGonagle, 1921-2008
Marjorie Reuthe, 1914-2008
Raymond Carl Thurow, 1920-2009
Benjamin Hayden Williams, 1922-2009

Angle Southwest - Jimmy Boley
None

Angle Southern California - Richard McLaughlin
J. Richard Wittwer, 1924-2008
Harold Eugene Kratzer, 1916-2007
Robert (Bob) John Kuhn, 1930-2009
Lee R. Logan, 1932-2009
George N. Boone, 1923-2008

Angle Northern California - Ronald Champion
Fred F. Crutcher, 1919-2009
Kleve C. Johnson, 1930-2008
George S. Payne, 1930-2009

Angle Northwest - Dale Rhoney
Joseph Lavin, 1928-2009

Report of the EHASO Treasurer - Ronald Champion

Audited reports distributed by Treasurer Champion showed EHASO net assets at the end of June 2009 to be \$151,885, compared with \$207,970 at the same time in 2008 and \$173,191 in 2007. He noted that the Angle Society had three accounts – 2 money-market and 1 checking – with a total of \$156,660 cash on hand as of November 5, 2009 (unaudited). That was approximately \$9000 less in our accounts than was reported at the last Biennial meeting, September 2007. Dr. Champion noted that the slight reduction of cash on hand may be related to nonrecurring accountants' fees and increased costs for the *Angle Newsletter* during the 2007-2009 biennium.

Report of the Secretary (EHASO and Foundation)- Sheldon Peck

The Secretary indicated that his report was a joint report of the Angle Society and the Angle Foundation activities of the Office of

the Secretary, as in the past. We have two distinct entities (Society and Foundation) due to tax considerations.

During the 2007-2009 Biennium, the Secretary's office engaged in a multitude of correspondence, including that with Allen Press Association Management Services (AMS) about our member database, billing issues and Angle Store sales, Bylaws revisions (passed November 2008), among other issues. All 7 Components completed development of their own websites. This network of linked Angle websites will be indispensable in our efforts for global communication and education. Minutes and the agendas were prepared. A Board conference call was arranged for February 17, 2008. The Secretary's office in Biennium 2007-2009 had total expenses of \$19,508. Part of this expenditure resulted from the broader role of the Secretary's office in managing ad-hoc publication projects and sales.

The Angle Archives Book Project, funded by the Angle Memorial Fund, came to maturity this biennium, after over 7 years of preparation. The 4-volume, 3400-page work was published by the Angle Society/Angle Foundation in 2007 entitled: *The World of Edward Hartley Angle: His Letters, Accounts and Patents*. The 1st printing of 36 copies was distributed in the following manner over the 2007-9 Biennium: sales, 28 copies; institutional gifts, 8 copies. Net profit from the 1st printing of Angle book project was \$17,338.

A proposal for a 2nd printing and further promotion is included in New Business.

The Secretary stated that the relationship between the EHASO and the Angle Society of Europe (ASE) is quiescent at the present time. In February 2009, Dr. Domingo Martin, Secretary of ASE, reported that the ASE membership voted unanimously to contribute \$1000 annually as a group donation to the Angle Heritage Campaign to support *The Angle Orthodontist*.

Contracts with Allen Press – our journal printers, website administrators and database managers – were renewed in the 2007-2009 Biennium. Our projections of total annual charges from Allen under the new contracts should be in the same range or less than recent previous years (2007, \$226,000; 2008, \$238,000).

The Secretary concluded his report to the Board with deep thanks for their wonderful support and inspiration since 1995. He is retiring as Secretary for the Society and Foundation at the end of this biennium, after a tenure of 14 years. He added gratitude for all the administrative assistance he has received from Mrs. Delores Isaacson, Ms. Janice Marie Wytrwal and Dr. Leena Peck.

EHASO Report from Allen Press Association Management – Rusty Wright, presented by Sheldon Peck

This report was submitted by Rusty Wright, representing Allen Press and their Association Management division, our journal printers, online administrators and managers of our subscription and member databases. The total membership in EHASO during the 2007-2009 Biennium has remained relatively stable at 615 members of which 396 are dues-paying, while 216 are Senior Retired and 3 are Honorary. The non-North-American EHASO membership is our fastest growing segment.

Nomination of EHASO Officers

The following officers were nominated for the 2009-2011 Biennium:

President	Timothy T. Wheeler
Vice-President	Dale V. Rhoney
Secretary	Bhavna Shroff
Treasurer	Ronald L. Champion

The following were appointed as ex officio EHASO Board members:

Editor	Robert J. Isaacson
Treasurer, Angle Foundation	Phillip M. Campbell
Secretary Emeritus	Blaine S. Clements
Secretary Emeritus and Historian	Sheldon Peck

Present and Future International Biennial Meetings

2011	North Atlantic	2025
2013	Northwest	2027
2015	Southern Calif.	2029
2017	Midwest	2031
2019	Northern Calif.	2033
2021	Eastern	2035
2023	Southwest	2037

2009 – The 38th International Biennial Meeting hosted by Angle Southwest in San Antonio, according to President Jimmy Boley, showed 134 registered members for a total attendance of 211, as of November 5. Board members remarked that the Biennial events and hospitality were exceptional. Dr. Boley reported that a Biennial speaker requested to allow orthodontist-residents at nearby Lackland Air Force Base to attend the 3 keynote lectures at the Biennial meeting. The Board voted to permit this special situation.

2011 – The 39th International Biennial Meeting will be hosted by Angle North Atlantic. EHASO Vice-President and Director Tim Wheeler reported that the 2011 Biennial is planned for Charleston, South Carolina, September 18-22, 2011, in the Charleston Place Hotel. Meeting planners have been enlisted to make sure it is a very memorable event. Dr. Wheeler led an open discussion on ways to reduce the registration costs, through increased corporate sponsorship or charging members a Biennial surcharge. For example, if all dues-paying Angle members paid \$75 as an annual Biennial fee, which could be applied to their attendance fees, we could expect more members to attend and at substantially reduced individual costs.

2013 – The 40th International Biennial Meeting will be hosted by Angle Northwest. Dr. Dale Rhoney, EHASO Director from Angle Northwest, reported that a 5- to 7-day cruise sailing the Inland Passage to Alaska departing from Seattle is being considered as the meeting venue. The time range being considered is from early July to late August 2013.

2015 – The 41st International Biennial Meeting will be hosted by Angle Southern California. EHASO Director Dr. Richard McLaughlin said that his Component is considering holding their Biennial in San Diego during September 2015.

Biennial Meeting Manual Update – Jimmy Boley

President Boley and Co-General Chair Sabrina Boley plan to work updating the Manual to include the San Antonio meeting. Several Board members indicated how helpful the Manual was in planning their Biennial meeting.

E. H. Angle Education and Research Foundation Board Meeting

Report of the Angle Foundation Treasurer – Phillip Campbell

Audited reports distributed by Treasurer Campbell showed The Angle Foundation, the non-profit business entity of The Angle Orthodontist, with net unrestricted current assets at the end of July 2009 of \$834,862, compared with \$744,695 at the same time in 2008. For further comparisons, the net unrestricted current assets in July 2007 were \$787,810, compared with \$624,801 at the same time in 2006. Prudent conservative investing of our assets has helped keep the Angle Foundation funds relatively safe during the recent poor economic conditions. The current liabilities on the balance sheet are zero. The audited report noted

that the separate Angle Foundation Endowment Fund as of July 31, 2009 had net assets in cash and certificates-of-deposit of \$919,455, compared with \$762,783 at the same time in 2008 and \$460,732 in July 2007. The Endowment Fund consists of permanently restricted monies raised through gifts to the ongoing Angle Heritage Campaign (AHC). The Endowment has grown substantially and the AHC will continue to solicit gifts from individuals and corporations to meet its fundraising goals of over \$2 million to support free, online access to *The Angle Orthodontist* in perpetuity.

Report of Editor – The Angle Orthodontist – Robert J. Isaacson

The Angle Orthodontist was bigger and better than ever in the 2007-2009 Biennium, reported Editor Bob Isaacson. Dr. Isaacson, however, reminded the Board of the significant changes that are occurring in technology and in the media business. He said *The Angle Orthodontist* is in a good position now, but we must keep looking ahead. How do we stay fluid and do what we want to do – what's our goal? Getting scientific information on orthodontics to the world is our agenda. The journal's Editorial Office will process around 740 original manuscripts for 2009. This year, we will be publishing 1 manuscript out of every 4 that go through the screening process. We are especially grateful to our reviewers for their work – some who have each reviewed 30 or so manuscripts in the past several years. We cannot continue to handle the large volume the way we are doing it. We need a reorganization of the Editor's Office. We are in the same league now as some of the big publishing houses. We need to look at how we are going to pay for this reorganization, said Dr. Isaacson. We have consistently had 3 million hits on the journal's web site for the past several years. Our table of contents reflects our globalization. We most recently received a manuscript from Inner Mongolia. Some countries with large numbers of manuscript submissions are China, Brazil and Turkey. During Dr. Isaacson's 9 years as Editor, *The Angle Orthodontist* has arguably become the most rapidly growing and most accessible orthodontic journal in the world, commented Dr. Peck.

Dr. Isaacson distributed a copy of the business plan that was given to the Board at the 2007 meeting. We have done what we had planned to do, he emphasized. How should the plan be modified at this time?

Library subscriptions are a large part of our current revenue, he noted. There is concern that in a few years libraries will no longer continue to order paper journals. Allen Press tells us that our decrease in subscriptions is pretty much what is happening

with other journals. At some point we may need to consider not printing paper issues, if and when online electronic distribution becomes the lingua franca of the library world. A question was raised regarding the rough costs to publish the journal, in print and online. Foundation Treasurer Campbell said that the entire publishing operation costs about \$365,000/year.

Dr. Isaacson recalled how he received paper manuscripts when he first became the Editor. The change to digital-formatted submissions was a great improvement. The electronic submission and review system has exponentially increased the volume of manuscripts. He reviewed the increase in manuscript numbers, and hits on the Web site. Dr. Peck noted that Dr. Isaacson was the person who put all the back issues online with the approval of the Board, and this resulted in a huge increase in hits on our web site. And for a clinically relevant journal like ours, hits on the web site are far more significant than the SCI Impact Factor.

The Editor's position is an ever increasing job – 7 days a week. The Editor's Office will have to change in order to find a replacement in the future. The software that the journal uses lends itself to having subject-editors who work with specific subject matters and this would be very helpful in reorganizing. Science expertise is important in identifying reviewers and Dr. Isaacson explained how reviewers for manuscripts are identified. Dr. Isaacson complimented the Board in increasing the subscription rates at the 2007 Biennial meeting. While subscription numbers are going down slightly, our revenues are increasing due to the increase in the subscription rates. Does the Board want to continue with the raising of subscription prices to cover future costs or go totally electronic online to reduce the costs of the journal? Since the paper journal subscriptions are covering their costs well, we have no need now to eliminate the paper publication, according to Dr. Peck.

As an extension to the Editor's Report, Dr. Bhavna Shroff, *Angle Newsletter* Editor, then was recognized by President Boley to report on the *Newsletter*. Dr. Shroff distributed a report and asked if the Board would like to fund color photos in the *Newsletter*. There was no consensus on the color issue. There was discussion regarding possibly putting the *Newsletter* online only or continuing to publish it as a paper newsletter. Dr. Peck said that he believes that the paper copy of the *Newsletter* tends to be appreciated by the members and binds the group together. It was moved, seconded that we should continue to publish a printed *Angle Newsletter* two times a year, separate from the journal and without a limit on the number of pages. After further discussion, the motion was voted and passed. Dr. Isaacson complimented Dr. Shroff on the great job she has done with the *Newsletter*.

Report from the Ad Hoc Angle Orthodontist Committee on the Future. May 2008 meeting summary – Steven Lindauer, facilitator

Dr. Lindauer distributed his written report, after he was introduced to the Board by Dr. Peck. He noted that the ad hoc committee of non-Board EHASO members which he led, commissioned at the 2007 Board meeting, looked at the financial health as well as the organization of *The Angle Orthodontist*. Members of the committee were very happy with the changes in the journal that Dr. Isaacson had instituted over the past few years. They concluded that additional sources of revenue may have to be found. All of the re-organizational changes the committee suggested would be costly. Future advertising revenue was discussed. Making it easier for readers to donate online would be very important. In the discussion, Dr. Barone enumerated some ideas as to how to solicit funding from orthodontic companies and manufacturers.

Dr. Peck moved that Dr. Barone chair an ad hoc committee to investigate corporate gifts or corporate advertising for *The Angle Orthodontist* online or in print and report to the Board at a conference call next year or at the Board meeting in 2011. Dr. Barone will work with the incoming Society President and Editor Isaacson as part of this ad hoc committee. He will invite contacts from Angle Society members who could help connect us to receptive company executives. The motion was seconded and passed.

The Angle Orthodontist Subscription Report from Allen Press Association Management – Rusty Wright, presented by Robert Isaacson

Allen Press, which serves as printer and subscription manager for *The Angle Orthodontist*, reported a drop of 26% in our journal subscription base during a 2-year period, 2007 to 2009, from 1676 subscribers in 2007 to 1246 subscribers in 2009. This is about in line with the downward trend seen in all print media today, given the pervasiveness of electronic alternatives. The annual subscription revenue for the first 10 months in 2009 was \$330,235, compared with a 12-month income in 2007 of \$362,857. Thus, it is likely that the full 12-month 2009 total will show slightly higher subscription income than in 2007, due largely to increases in subscription rates for institutions and individuals. It was noted during Board discussion that despite the decline in print subscriptions, the journal's influence, prestige and readership are now larger than ever, because of swelled worldwide usage and downloads of articles from our free web site.

**The Angle Heritage Campaign or AHC
(The Angle Foundation Endowment) –
Richard McLaughlin, Chair**

Dr. McLaughlin described progress with the Angle Heritage Campaign (AHC), to raise an endowment to support online open access for *The Angle Orthodontist* in perpetuity. He reported that an anonymous donor recently pledged a challenge matching grant of \$150,000 to match new donations dollar for dollar. Details of this wonderful gift, that can increase the Endowment by \$300,000, will be reported in the next *Angle Newsletter*. A copy of the AHC report was distributed and Dr. McLaughlin reviewed it with the Board. To date, \$1.25 million has been pledged and, of this, close to \$900,000 has been collected. Dr. Campbell said that, in general, the time line for payment of pledges is two years unless specifically noted by the donor. A listing of all donors is published in each issue of the journal on the inside front cover. Dr. McLaughlin reported that he and Dr. Bob Scholz would be working on getting an interactive page online, where readers could donate directly to the AHC. Dr. Isaacson reported that he has received many e-mails from all over the world thanking the journal for being free online to all, a rare phenomenon in medical publishing. Dr. Isaacson reported how important it is for EHASO members to understand the worldwide significance of what the journal does – it is our great contribution to our specialty and profession. Dr. McLaughlin emphasized in his report the many ways that members and others may contribute to this noble cause: direct cash, IRA or securities donations, orthodontic case pledges, honorarium donations, grateful-patient donations and estate bequests. Dr. Boley thanked Dr. McLaughlin for his great work on the AHC.

Nomination of Angle Foundation Officers

The following officers were nominated for the 2009-2011 Biennium:

President	Timothy T. Wheeler
Vice-President	Dale V. Rhoney
Secretary	Bhavna Shroff
Treasurer	Phillip M. Campbell

The following were appointed as ex officio Angle Foundation Board members:

Editor	Robert J. Isaacson
Secretary Emeritus	Blaine S. Clements
Secretary Emeritus and Historian	Sheldon Peck

Other Business:

**Proposed Publication Project:
2nd Printing of Angle Archives 4-Volume Book-Set –
Sheldon Peck**

Dr. Peck distributed a report outlining his proposal for a 2nd printing of *The World of Edward Hartley Angle*, a handsome 3400-pages 4-volume archival book set. The 1st printing of 36 copies in January 2007 sold out in May 2009. We already have 2 paid orders from libraries for a new printing. The 1st printing netted a profit of over \$17,000, after the significant costs of preserving, microfilming and preparing for publication Dr. Angle's original correspondence and documents (1899-1910) in the possession of the Angle Society. The 2nd printing would be 25 copies and would continue to be sold at \$2000 per 4-volume set. Since there would be minimal preparation costs, the publication would continue to be profitable for the EHASO. There was a motion to approve the 2nd printing, and it was seconded. Dr. Peck reported that the 2nd printing would likely be available for institutions and individual purchase in January 2010, if the Board approved this proposal. After further positive discussion, the 2nd printing publication project was approved unanimously.

**Editor-in-Chief designation for the Editor –
Sheldon Peck**

Given the expansion of duties and responsibilities and likely reorganization of the office of Editor of *The Angle Orthodontist*, Dr. Peck moved that Standing Rule number 2 in the Angle Foundation's bylaws be established to read: The Board-appointed Editor is entitled to the designation of Editor-in-Chief of *The Angle Orthodontist*. The Editor ("Editor-in-Chief") shall have the discretion to appoint or reappoint editorial associates in positions with compensation in amounts determined in consultation with the Treasurer of the Angle Foundation. Motion was seconded, discussion was positive and it was approved unanimously.

**Editor's Home-Office Expenses–
Phillip Campbell and Valmy Kulbersh**

Dr. Campbell noted that the journal's Editor and Editorial Assistant have been operating frugally in the confines of their home for nine years of surging growth in journal business. He suggested it would be appropriate to grant the Isaacsons a stipend to partially defray the costs of their home office. Dr. Kulbersh moved that a monthly stipend of \$1200 be paid towards the costs of the editorial office for *The Angle Orthodontist*. The motion was seconded. In discussion, it was noted that whenever a new editor/editor-in-chief is appointed, all compensations would be negotiated from a clean slate. The motion regarding the editorial home-office stipend was approved unanimously.

Bhavna Shroff elected EHASO Secretary

At its 2009 International Biennial Meeting in San Antonio, the Edward H. Angle Society of Orthodontists and its Foundation elected Bhavna Shroff as its 7th Secretary. Sheldon Peck retired as Secretary after 14 years in that capacity. Shel has been appointed to continue his service on the Angle Board in an *ex officio* role as Secretary *Emeritus* and Historian.

Bhavna brings to the Angle Secretariat and Board a wide-ranging experience and many valuable skills. She is currently President of Angle North Atlantic and is Professor and Graduate Program Director in Orthodontics at Virginia Commonwealth University in Richmond. Bhavna received her dental degree in France, her birthplace, and earned her master's degree in orthodontics from the University of Connecticut. Recently, she was awarded a second master's degree, one in public administration. An active Angle Society member since 1996, Bhavna for the past several years has been Editor of the *Angle Newsletter*, refining that magazine into an enjoyable and informative resource for EHASO members and prospective members.

We are proud to welcome Dr. Shroff as Secretary and know she will serve our Society in the grand traditions of that office:

Allen G. Brodie	1930 – 1953
George W. Hahn	1953 – 1961
Wendell L. Wylie	1961 – 1964
Alton W. Moore	1965 – 1985
Blaine S. Clements	1985 – 1995
Sheldon Peck	1995 – 2009
Bhavna Shroff	2009

– S. Peck



38TH INTERNATIONAL BIENNIAL MEETING RECAP

A clanking cowbell welcomed everyone to the first Biennial held in “THE LONE STAR STATE”.

The social events gave our Yankee and International friends a taste of the Southwest while the scientific sessions encouraged members to rededicate themselves to the EHASO ideals and excellence that benefit our patients. The SW goal was to show some ‘own home Texas hospitality’ with a fun and affordable event. A yellow rose for the ladies, a little sangria for all, a smiling face with a red bandana guiding to events; these were just a few of the special things Angle Southwest did to welcome attendees. Warm weather and beautiful sunsets

We chose the Biennial to recognize Dr. George Hahn’s classic paper, “The History and Philosophy of the Edward H. Angle Society of Orthodontia” read at the 25th Anniversary Meeting of

the Society in Chicago on November 6th, 1955. The Opening Ceremony featured a reading by Sheldon Peck from this historical paper, setting the theme of the meeting. Drs. Jim Reynolds, Robert Orr, and Phil Campbell were honored by Angle Southwest and Dr. Peter Buschang was inducted into EHASO as only the 7th honorary member. Finally, Dr. Bruce Winters recounted the story of The Alamo and how it influenced the growth of the U.S.

In addition to 14 interesting and varied papers, two of the best selected by each component, there were four special lecturers. Drs. Peter Buschang and Roberto Carrillo started the scientific session with the Angle Memorial Lecture titled, “Orthopedic

changes in growing hyperdivergent, retrognathic patients using mini-screw implants". Their lecture provided the theoretical background, promising clinical evidence and treatment planning and mechanics for these most difficult patients.

Our special guest speaker was Dr. Hugo DeClerck from Brussels. In his presentation titled, "Skeletal Anchorage Utilizing Mini-plates", he discussed their fixation at a distance from the dental arch making them very suitable for 'en masse' distal movement of the complete upper arch in Class II treatment without the extraction of teeth. By showing amazing skeletal changes in young Class III patients, he reinforced that new vistas are being opened in orthodontics with mini-plates and mini-screws.

Two orthodontic icons, Drs. Bill Proffit and Lysle Johnston, rounded out the special speaker portion of the meeting. Bill discussed New Methods/New Technology of diagnosis and treatment planning. These include (1) greater emphasis on tooth-lip relationships; (2) digital video and/or 3-D photography (3) cone-beam CT scans, and (4) genetic analysis.

Dr. Lysle Johnston wrapped up the program with a very thought provoking critique of "The Crisis in Orthodontic Education". He argued that the shortage of teachers is due to our distorted view of the role of orthodontics in the university. It isn't just to produce more orthodontists. We must also generate new knowledge through research. If the specialty truly values what academics do, an adequate number will emerge. It is not just imbalance of financial reward. A simple, but not an easy solution.

A trip through the Texas hill country took members to the Knibbe Ranch for hayrides, line dancing, a BBQ buffet, and pictures with "Oreo", a real longhorn steer. Bob Isaacson and Shel Peck were surprised as they received recognition for their unprecedented service to the Angle Society. Each was presented with a Texas Flag that had flown over The Alamo in their honor. The evening climaxed with an amazing fireworks display and patriotic music. Angle Southwest was thrilled to see members come out in true western wear for the event.

To close out the meeting, attendees enjoyed a river cruise to the Buckhorn Saloon and Museum. A Texas Chic buffet and some good 'ole country tunes gave members one last taste of the Southwest. The bash ended with Texas, Canadian, and Japanese member serenades, the "hoodie" hokey pokey, and one last classic with everyone on stage. Who knew Anglers could sing so well! For many of the Southwest, it was a celebration party for a successful event.

Hosting the Biennial was a huge and gratifying task. I want to recognize and thank my wife, Sabrina, and her indispensable assistant, Lexine Perez, for their tireless efforts and devotion to this event.

Special thanks to my planning committee: General Chairman, Wick Alexander; Program Chairmen, Ed Owens & Tucker Haltom; Local Arrangements, George & Judy Schudy; A/V Chairmen, Larry Tadlock & Shannon Owens; Archivist, Darrell Havener, Executive Secretary, Becky Davis, and other members who ensured a successful meeting.

Serving as President of the EHASO has been an honor and a privilege I will never forget. I wish the best for Tim Wheeler as he takes the reins and know he will be an excellent leader.

As my good friend and co-chairman, Wick Alexander, so eloquently stated in our program ...

This organization stands for quality! Let us never forget those who pioneered our specialty, beginning with our founder's name..... Edward H. Angle. We are standing on the shoulders of giants. May we maintain that quality and attitude created by our predecessors! May your efforts be the guiding lights for future generations.

THANK YOU FOR COMING TO TEXAS!! WE HOPE THAT YOU HAD AS MUCH FUN AS WE DID!

"Happy Trails" to you 'til we meet again in South Carolina.

Jim Boley, Immediate Past President

HONORARY MEMBERS shall consist of those who have contributed to the advancement of the science of Orthodontics or to the welfare of the members of this Society and have been duly elected according to the provisions of the bylaws.

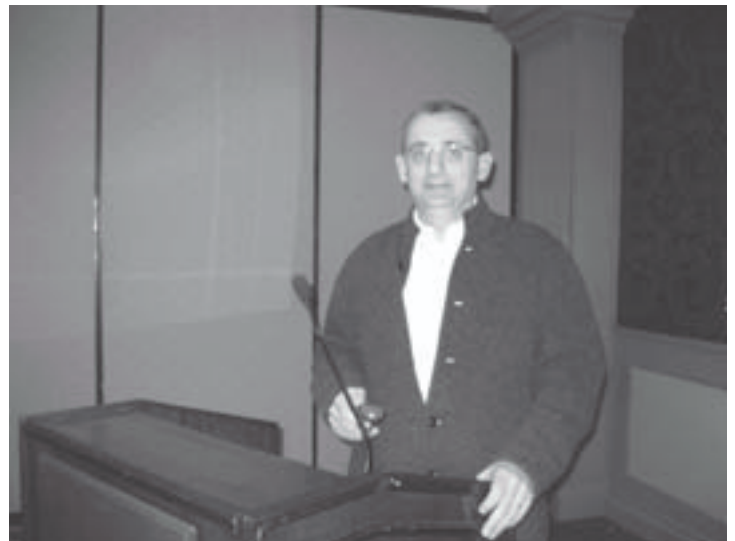
Honorary Members 1931-2009

Frances P. Bolton	1957
Charles B. Bolton	1957
Wilton M. Krogman	1957
Frederick T. West	1965
Donald W. Warren	1999
Norman Wahl	1999
Peter H. Buschang	2009

**Thanks to the Corporate Sponsors
Who Supported the Biennial**

"Oreo" Longhorn Steer photos	American Orthodontics
Gift Bags	Imaging Sciences
Meeting Folders	DENTSPLY GAC, Int'l.
DJ at Knibbe Ranch	Suresmile
Program Printing	3M Unitek
Coffee Breaks	Opal Orthodontics

Oreo photos from Knibbe Ranch Event are available on the AngleSouthwest website.





38th International Biennial Meeting of the Edward H. Angle Society of Orthodontists— San Antonio, TX, November 5–9, 2009





Honorary Member Peter Buschang and Phil Campbell



2011 CREW!



Dr. Jim Reynolds, Honoree



Business Lunch



Michael Spoon, Peter Buschang, Bob Isaacson, Reva





Knibbe Ranch



The Perfect Team



Line Dancing





Buckhorn Saloon



Hokie Pokie



Japanese & Texas Cowboys



Canadian Cowboy



Serenade



Amarillo Cowboy



Biennial Finale



Asian members, Shel & Wick



Announcing a new publication from The Angle Society

**The World of Edward Hartley Angle, MD, DDS:
His Letters, Accounts and Patents**

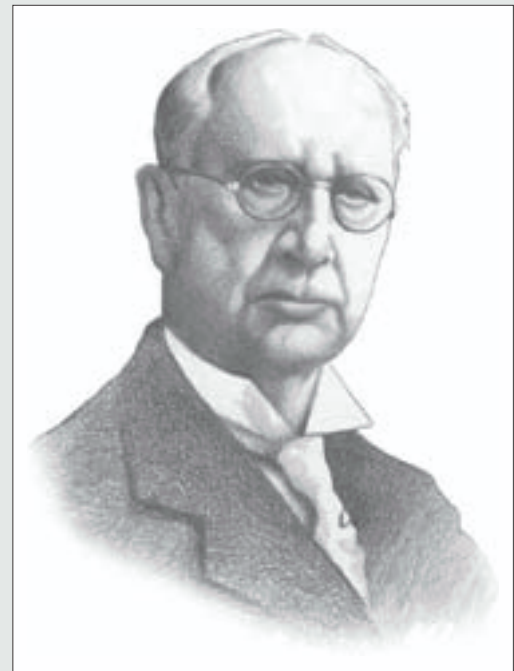
compiled and edited by
Sheldon Peck

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!



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In Memoriam

It is with sadness that we report the passing of Robert E. Rosenblum, DMD, MS in late October, 2009.

Bob (as everyone called him) was born in Manchester, NH to Dr. David S. and Natalie (Goldberg) Rosenblum. He received his undergraduate degree from Tufts University in 1948. His studies were interrupted to serve in the US Navy from 1945 to 1946. While commissioned in the South Pacific, he served as an electronics and communications specialist—where he received the Asiatic Pacific Area Medal, the World War II Victory Medal, and an American Area Medal.

He then attended Tufts Dental School, graduating in the Class of 1952. Following that, he practiced general dentistry with his father until 1956. In 1953 he married his perfect match and soul mate—the late Harriet Susskind. (Harriet was a nationally recognized editor and organized a book club for the “Mother Angle” group.) They were wed for 49 years until her passing in 2002.

In 1957, they moved to Rochester, NY so Bob could study orthodontics under Dr. J. Daniel Subtelny. He graduated in 1959, with the third graduating class of Eastman Dental Center’s orthodontic program. In 1961 he received a Masters in Dental Science from the University of Rochester, and became board certified in Orthodontics in 1972. Bob treated patients in the Rochester area for 42 years, before retiring in 2001. Over the years, he was active in several dental and orthodontic organizations including: EHASO; the ABO; the AAO; the ADA; the NY State Dental Association and it’s local 7th District Dental Association; and; the Alpha Omega Dental Fraternity. Moreover, he took on leadership roles in these organizations, serving terms as president of: the Eastman Orthodontic Alumni Association, the North Atlantic Component of the EH Angle Society of Orthodontists, and the Rochester Gilead Chapter of the Alpha Omega Dental Fraternity.

From 1959 to 2006, Bob taught in the orthodontic program at the EDC. He was a pioneer in the use of computers (we’re talking pre-Apple II even) to analyze facial relations. And he continued to teach a course on the application of computers in the field of orthodontics until 2006. He took over the task of organizing the Craniofacial Growth and Development seminar series after Dr. Ed Gilda’s death in 2000. In that same year, he received the Eastman Dental Center Part-Time Faculty Award for Excellence in Teaching.

His publications span the time period from 1963 to 2001. And in 1997, he received the Edward H. Angle Research Prize for his article entitled “Class II Malocclusion: Mandibular retrusion or maxillary protrusion?” published in the *Angle Orthodontist* 65(1):49-62, 1995.



Bob and Harriet were both patrons and benefactors of the George Eastman House International Museum of Photography and Film, the Eastman Theater, the Memorial Art Gallery of the University of Rochester, and the Rochester Museum & Science Center. Bob was an avid photographer throughout his life. He also enjoyed sailing, rowing, running, swimming, biking, and scuba diving. Bob took up downhill skiing when he was 12 years old. On his last skiing trip, Bob, at age 79, took his grandson skiing in the Austrian Alps.

Bob is survived by four grandchildren and his three children: Melinda, Mark, and Andrea. He is fondly remembered by many more people as an unselfish and unassuming friend. He was one of my co-sponsors for the EHASO, so I think it’s fitting to close with the thank you I wrote him then:

“Your genuine modesty prescribes an abridged note of thanks for sponsoring my Angle Society membership. I admire the balance your bicameral investigation of emerging technologies and the arts brings to your orthodontic endeavors—the papers you write, the classes you teach, the questions you ask. I am inspired by your example and I aspire to conduct myself with the same *savoir-vivre*.

For these (and other) reasons, I am particularly grateful for your endorsement. Thank you.”

Michael E. Spoon, DDS

OBITUARIES

George S. Payne DDS

Dr. Payne was an orthodontist, teacher and CDA president. Past CDA president George S. Payne DDS, passed away September 12 after a battle with cancer. He was 79. Dr. Payne served in many areas of organized dentistry, including as CDA president for 1988-1989, ADA 13th District trustee, president of the California State Society of Orthodontists and president of the Northern California Component of the Edward H. Angle Society. A Korean war veteran, Dr. Payne served in the U.S. army. Upon his return, he continued his education at U.C. Berkeley where he met his wife. After they were married, they both attended UCSF, where Dr. Payne graduated with a DDS and specialty in Orthodontics

and his wife graduated with a degree in dental hygiene. In 1959, they started a private practice in Santa Rosa. Dr. Payne taught at UCSF from 1959 to 1970. Dr. Payne is survived by his wife Marilyn; children, Warren (Sharon), Janice (Mark), John Payne PhD, and Brian Payne DDS, (Leslie); and nine grandchildren.

Dr. Fred F. Crutcher

Fred F. Crutcher, DDS, passed away at the age of 90 on August 20. He graduated in 1944 from UCSF and was a life-retired member of the Contra Costa Dental Society, CDA and ADA.

FROM THE ARCHIVE



Dr. and Mrs. Angle relaxing on a June 1919 camping trip in Palm Canyon, a few miles south of Palm Springs, California. They visited the area often from Pasadena in their chauffeur-driven touring car. With his cigar and libations at hand, EHA is seen reveling in this recreational trip, probably meant to celebrate his 64th birthday on June 1. Angle, who suffered most of his life from a tubercular respiratory ailment, was always invigorated by the clean air of the mountains and desert. (From the Milo Hellman Collection in the Angle Archives of the EHASO, accessioned 2005)

