



Edward H. Angle

# Angle Newsletter

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## PRESIDENT'S MESSAGE- FALL 2015

Whenever I return from an Angle Biennial meeting, I feel anew with emotions that come from sharing special moments with special friends and colleagues. The 2015 41<sup>st</sup> International Biennial Meeting in Pasadena was no different. The beauty of the surroundings helped to establish a bond among members that came from close and very far to share not only what we do best-orthodontics-but also, to renew friendship and enjoy the camaraderie that is the trade mark of the Angle Society.

I want to take this opportunity to congratulate Rick McLaughlin and his team lead by the General Chair Milton Chan, for providing the venue, the science and the friendship during a wonderful and memorable Biennial Meeting.

As I start the presidency in our esteemed Angle Society, I am humbled by the honor that you the members, have bestowed upon me to lead the Society for the next two years. These are concerning times for our profession. The delivery of orthodontic care is changing rapidly from private practices to corporate settings. Quality of care as we know it in the Angle Society, may be compromised by claims of faster, invisible, painless, cheaper or do it yourself treatments among others. Young practitioners are struggling with student's loans, that are their main concern upon graduation. So, with so many distractors, how do we attract the young, energetic, well trained orthodontists to become members of the Angle Society, to experience what quality orthodontics is all about? I feel that it is up to us to take the lead in this task. Lets develop an advocacy program that will be charged with visiting orthodontic programs around the country to educate the orthodontic residents about the value of becoming a member of the Angle Society. Also we can become mentors to the new and young orthodontic colleagues in our neighborhoods. We, the "seasoned" orthodontists, should set the example by providing high quality orthodontic care and by sharing our experiences on how the Angle Society has helped us to continuously strive for excellence in orthodontic care delivery. It is up to us to work together to preserve our specialty, as we know it. The Angle Society provides high quality education through the Angle



Orthodontist Journal and through the component study clubs as well as annual and biennial meetings. Besides, the learning and exchange of ideas that occur in the hotel lobbies, at the dinner tables or during the golf outings, are invaluable. Let our guests and candidates see these values.

Let's pledge to grow our membership by each of us committing to identify a candidate that may be in search of betterment. Let's show our young orthodontists that quality still counts and invite them to our meetings to experience quality treatment. Let's work together for a better future for our specialty and our patients. This is what we should stand for as members of the Angle Society.

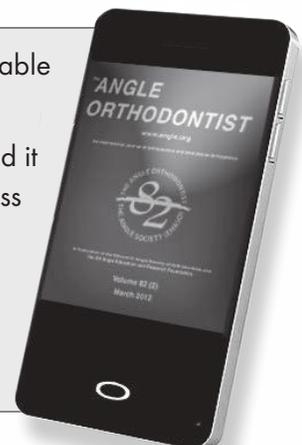
The Angle Midwest is already working diligently preparing for the next 42<sup>nd</sup> International Biennial Meeting in Chicago. This meeting will be a historical one since it will be the First meeting chaired by a woman since Anna Angle chaired the previous one in this city in 1933. The Angle Midwest is happy to be your host and to show you a wonderful time in a great and fun city.

We hope that you will join us for the good times. ■

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*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*

## 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 Rachel Schwien, 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.

## ANGLE HERITAGE CAMPAIGN UPDATE – SEPT 2015

The Angle Heritage Campaign, established in 2005, continues to strive to reach our \$2million goal! The continued support of the Component Directors and AHC Component Chairpersons is greatly appreciated in encouraging new members to make a pledge as well as following up any outstanding pledges within your Component. For our member's convenience, there are several pledge options to choose from: case pledge, cash pledge, or estate pledge. To make a pledge, please contact Dr Phil Campbell at pmccampbell@bcd.tamhsc.edu.

Here are the current figures as of our Biennial Meeting in Pasadena, California:

Component & AHC Chairpersons:	Pledges:	Donations:	Total # Pledges/ Paid/Not Paid	% of Paid Pledges
East – D. Musich	\$348,540.00	\$326,863.26	70/60/10	86%
Midwest – J. Hicken	\$ 73,375.00	\$ 71,475.00	45/43/2	96%
No. Atlantic – B. Haskell	\$212,407.29	\$201,967.29	75/67/8	90%
No. Calif – R. Champion	\$185,555.00	\$137,867.00	34/26/8	76%
No. West – M. Wainwright, C. Matthews, J. Moore	\$167,906.56	\$157,356.56	46/40/6	87%
So. Calif – H. Dougherty, N. Sorenson	\$223,921.72	\$180,891.72	50/38/12	76%
So. West – R. Orr, C. Alexander	\$147,940.00	\$133,801.00	38/30/8	79%
Supporters:	\$193,212.00	\$192,212.00	82/81/1	99%
Corporate:	\$ 7,100.00	\$ 7,100.00	4/4/0	100%
Totals:	\$1,559,957.57	\$1,409,533.83	444/389/55	88%

Erratum: Dr David Musich is the current chairman of the Heritage Campaign for the Angle East Component. His name should appear as Chairman of the Heritage Campaign for the Angle East Component in the Angle Newsletter Spring 2015 Volume 25, no.1.

## 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 \$365, and a two-year subscription is \$675. Rates are slightly higher for subscribers outside the US and for institutions.

To give a gift subscription, write to: *The Angle Orthodontist*  
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## COMPONENT NEWS

### ANGLE MIDWEST

www.anglemidwest.org

#### Officers:

President	Roberto Lima
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Secretary-Treasurer	Ron Jacobson
Admissions Committee Chair	Chip Rigsbee
Study Committee Chair	Jim Hartsfield
Component representative	Valmy Kulbersh
Past President	Steve Marshall

#### 2015 E.H. Angle Society Biennial Meeting

Congratulations to Rick McLaughlin and the organizing Committee of the E.H. Angle Society of Orthodontists, Biennial Meeting in Pasadena. The meeting was a great success not only scientifically, but, also socially due to the high quality of the scientific presentations and excellent social events.

#### 2016 Angle Midwest Annual Meeting

The Naples Beach Hotel and Golf Club, will be again the venue for the 2016 meeting. The meeting will be held January 23-27. The program chair for this meeting is Dr Eustaquio Araujo and he promises an exciting scientific meeting and social events.

#### 2017 Angle Biennial Meeting

The 2017 Angle Biennial Meeting will be held in Chicago, Ill. on September 6-10 at the Drake Hotel. Please mark the dates in

your calendars!! The General Chair, Ron Snyder; Scientific Chair, Steve Marshall and Local arrangements Chair, Robyn Silberstein and Libby Graham, Promotion and Registration Chair, Mary Lou Whateley and Ron Jacobson are planning a one of a kind program to celebrate the influence of Anna Angle in the EHASO existence. Valmy will be the first woman president in the then 84 year history of the Angle Society. The Keynote speaker will be Dr Sheldon Peck – addressing to all in attendance, the “**Angle’s Women, their significant roles in his life and the life of the Angle Society.**”

The members of the Angle Midwest are looking forward to interact once more with their EHASO colleagues.

#### Members

Senior Active	9
Senior Retire	41
Active	46
Active at large	6

#### Affiliates

5 <sup>th</sup> Year:	4
4 <sup>th</sup> Year	1
3 <sup>rd</sup> Year	6
2 <sup>nd</sup> Year	8
1 <sup>st</sup> Year	4
Honorary	1
Total	126



*Dave Sarver and Michael Williams enjoying the evening affair.*



*President Roberto Lima celebrating the starting of his presidency with daughter Caroline and Russ and Jean Kittleson.*



*President Steve Marshall passing the leadership to Roberto Lima.*

This year the Angle Midwest is proud to report their potential membership growth by hosting eight candidates and three guests.

**Membership News**

The following candidates and members were approved by the members to change their membership status as follows:

Candidate to 1st year Affiliate:

- Dr Cristiana Araujo
- Dr Ignacio Biasi
- Dr Andrea Font



*Maryann Kriger celebrating her membership acceptance in the Angle Society with her sponsors Jim Vaden, Jim McNamara, and research advisor Jim Hartsfield.*



*Dave Sarver and Chris Chang .*

- Dr Vladimir Salazar
- Dr Greg Oppenhuisen
- Dr Gary Pool

5<sup>th</sup> year Affiliate to Active Membership

- Dr Chris Chang
- Dr Myung-Rip Kim
- Dr Maryann Kriger
- Dr Gilpatrick Schmidtke

Congratulations to all 5<sup>th</sup> year affiliates who will be inducted in the Angle Society at the next annual meeting of the Angle Midwest.



*Myung-Rip Kim, Vladimir Leon Salazar, Jim and Karen Hartsfield, Tom Bradley and Tom Kluemper having fun during the cocktail hour.*

**Active to Senior Active:**

Dr George Cisneros  
 Dr Jim Greer  
 Dr Elisha Richardson

**Members in the news**

Eugene Roberts will be the recipient of the 2016 ABO Ketcham Award.

The ABO awards this honor annually to an individual who, in the judgment of the award committee, has made a notable contribution to the science and art of orthodontics.

Steve Marshall will be the recipient of the 2016 American Board of Orthodontics, O.B. Vaughan Special Recognition Award.

This award is given to individuals who have significantly contributed to orthodontic education and furthered the ideals of The American Board of Orthodontics.

**Obituary**

**Dr, George Kottemann passed in June 2015. He will be missed by all who knew him in the Angle Society**



*Ray Tsou and daughters, Susan, Gianna, and Steve Marshall, Ron Jacobson, and Gilpatrick and Katie Schmidke.*

**Website**

Our website ([www.anglemidwest.org](http://www.anglemidwest.org)) is a great resource for our members. Our web master is John Conover and we are grateful for his work on this. He may be contacted at [johnpconover@me.com](mailto:johnpconover@me.com). ■

## 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. 12<sup>th</sup> Street, Box 980566, Richmond, VA 23298-0566. (804) 828-9326, phone; (804) 828 5789, fax; [bshroff@vcu.edu](mailto:bshroff@vcu.edu).

## ANGLE NORTH ATLANTIC

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

### Officers

President	Harry Legan
Vice President	E. Dianne Rekow
Secretary	Michael Spoon
Treasurer	Steven J. Lindauer
Program Director	Ronald Bellohusen
Editor	T. Scott Jenkins
Director to the Central Body	Scott Conley
Past President	Len Rothenberg

### Future Meetings

2016 – 52<sup>nd</sup> Annual Meeting, April 13-17, Windsor Barra Hotel, Rio de Janeiro, Brazil

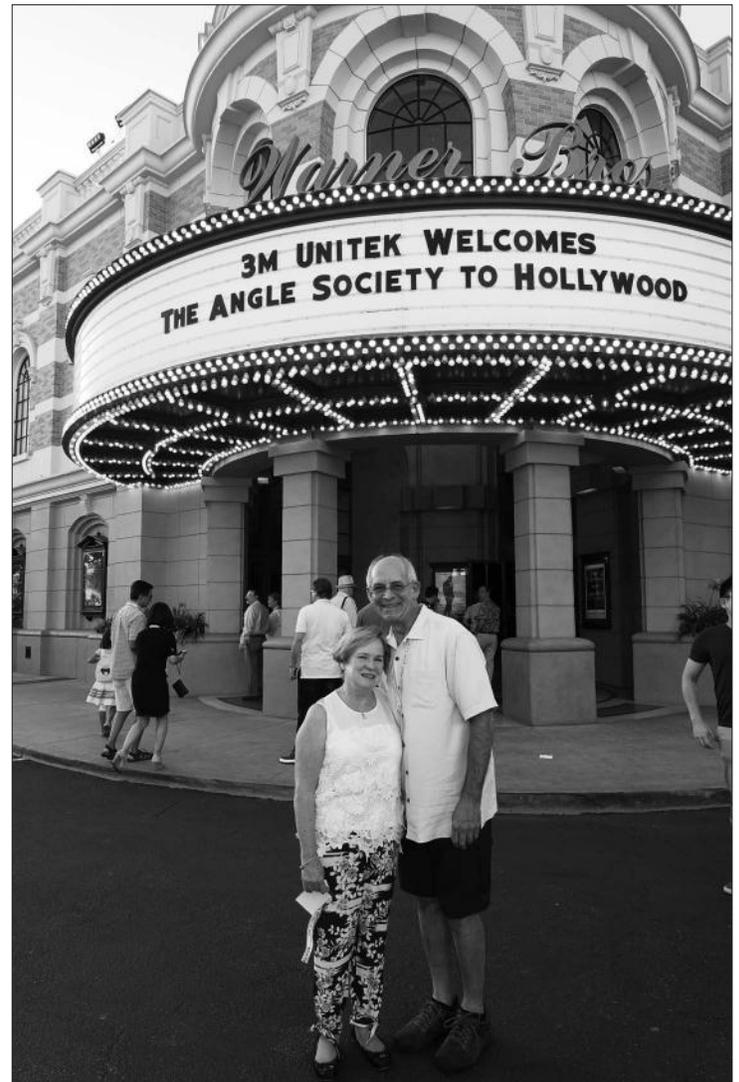
Our president, Dr Harry Legan, has coordinated with member Dr Alex Bottrel to arrange our meeting in Rio at the Windsor Barra hotel. Rio is located in the southeast region of Brazil and has a population of 6.5 million in the city proper and 12 million in the metropolitan area. The Carioca Landscapes of Rio were designated by UNESCO as a World Heritage Cultural Landscape in 2012. This area includes the Tijuca Mountains (largest urban forest in the world) down to the sea, the botanical gardens, Corcovado Mountain with its celebrated statue of Christ, the hills around Guanabara Bay, and the extensive landscapes along Copacabana Bay. Rio is Brazil's best known city and lays claim to Carnival, choro, samba & bossa nova (Brazilian musical genres), & world famous beaches such as Arpoador, Ipanema, and Copacabana. Rio is also home to numerous major works of art and public buildings, such as the National Museum of Fine Art, the Itamaraty Palace, National Museum at Quinta da Boa Vista, National History Museum and the National Library, as well as the Candelária (Roman Catholic Church) and the São Bento Monastery.

The Barra neighborhood, location of the Windsor Barra Hotel, is one of the most developed places in Brazil with a mix of modernity, sustainability and nature. It is considered a cultural, economic and administrative hub of the city and will play host to most of the venues of the 2016 Summer Olympics. The Windsor Barra is located across the street from the beach of Barra da Tijuca and is virtually oceanfront. International and regional restaurants are a couple minutes walk from the hotel, as well as shopping venues 2.5 miles away.

Members of course are looking forward to the scientific program (courtesy of Ron Bellohusen), the new member presentations, and meeting our invited guests.

### Member News

The biennial meeting was hosted by Angle Southern California this past September 25-29 in Pasadena, CA. The North Atlantic component was well represented by members Dr Cindy Beeman, Dr Ron Bellohusen, Dr Scott Conley, Dr Steven Lindauer, Dr Bhavna Shroff, Dr Michael Woods, and Dr Sunil Wadhwa. The component was also well represented by presentations from Michael Woods (An Assessment of 10 Year Vertical Changes following Class II and Class III Orthognathic Surgery), and Sunil Wadhwa (The Role of Estrogen in Mediating TMJ Disorders).



*Dr and Mrs Ron Bellohusen at the 41<sup>st</sup> Biennial Meeting in Pasadena during a visit of the Universal Studios.*



*Drs Woods, Beeman, Bellohusen, Lindauer and Shroff "selfying" at Universal Studios.*



*Dr Lindauer with Gayle Bellohusen and Drs Shroff and Bellohusen with Harry Potter!*



*Drs Shroff, Handelman, Conley, Covell and Wadhwa enjoying a walk through the gardens of the Langham Huntington at the break between lectures.*



*Dr Isaacson with Dr Hirohide Arimoto and Dr Rogelio Scougall-Vilchis at the Gala Dinner.*

The North Atlantic component's current vice president, Dr E. Dianne Rekow has been awarded University of Minnesota's highest alumni award. The Outstanding Achievement Award was announced this past July. The award recognizes Dr Rekow for her dedication to learning, teaching and science, and for her vast and significant accomplishments and contributions to the fields of dentistry, medical devices, technology and materials science. Dianne is most known for her

CAD/CAM work and is cited in over 100 peer reviewed articles. She holds five degrees and an orthodontic certificate from the University of Minnesota as well as an MBA from St. Thomas University and is currently Dean of the Dental Institute of King's College in London. Congratulations to Dianne on a well deserved award.

On a separate note, serendipity allowed for a convergence of North Atlantic members being present in Paris France at the same



*Dr Peter Bronsky visits Dr Aurelie Majoureau's practice in Boulogne, France.*



*Three Anglers meet in Paris to discuss a series of interesting scientific findings to be presented at the 2016 Component meeting.*



*Three Anglers meet in Paris: Drs Shroff and Jenkins visiting Dr Majoureau.*



*Drs Bronsky, Shroff and Jenkins meet in Paris to discuss Dr Bronsky's component presentation for 2016.*



*Drs Bronsky and Majoureau enjoying a day at Dr Majoureau's practice in Boulogne, France.*

at the beginning of September. Although Dr Aurélie Majourau-Bouriez, Dr Peter Bronsky, Dr T. Scott Jenkins, and Dr Bhavna Shroff weren't able to meet altogether, a lunch over a future presentation (Dr Bronsky, Jenkins, & Shroff), a dinner discussing

the practice of orthodontics in Paris (Dr Majourau, Jenkins, and Shroff), and a day at the office (Dr Bronsky & Majourau) were enjoyed by all (I hope Dr Majourau put Dr Bronsky to work!) All four were also looking forward to the Rio meeting. ■

## ANGLE EAST

www.angleeast.org

### 2015-2016 Officers

President	Carroll-Ann Trotman
President-Elect	Daniel Tanguay
Vice President	David De Franco
Secretary-Treasurer	Anne Todd
Editor	Margherita Santoro
Historian	Sheldon Peck
Director	Peter Greco

In addition to the listed Officers, Nicholas Barone is Director Emeritus, Kolman Apt is 1<sup>st</sup> Past President, Marcel Korn is 2<sup>nd</sup> Past President, William Cole is 3<sup>rd</sup> Past President.

### 2016 Committee Chairs

Examining Committee	Chung-Hsi Chung
Academic Committee	Kazuhito Arai
Membership Committee	Leslie Will
By-Laws Committee	Sylvain Chamberland
Nominations Committee	William Cole
Awards Committee	Paul Rigali
Communications/Website	Sylvain Chamberland
Parliamentarian	Hugh Phillis

### Next Meetings

2016. March 10-13. President: Carroll-Ann Trotman.  
Location: Boston, Massachusetts - The Langham Hotel

2017. President: Daniel Tanguay. Location: Montreal, Canada

President Carroll-Ann Trotman has sensibly chosen the Langham Hotel in Boston for **the 2016 Angle East Annual Meeting**. The Langham Hotel promises a phenomenal experience in a historic Boston landmark, which is located centrally in the Downtown and Financial District area. Formerly the Federal Reserve Bank of Boston, the building was designed by R. Clipston Sturgis and modeled after on the *Palazzo della Cancelleria*, in Rome. Home to several award-winning restaurants and bars and to the Chuan Spa (specializing in traditional Chinese Medicine), the hotel has a state-of-the-art Fitness Centre and more than 10,000 square feet of adaptable space for meetings, lectures and social events. Scientific presentations will be enriched by the light of opulent crystal chandeliers under a 25-foot vaulted ceiling.

### Membership News

Four additional candidates have completed the admission process, have been approved by membership ballot and have been

promoted to Active status. The Angle East warmly welcomes in its ranks:

Anthony Macari  
Mohammed Masoud  
Jean-Marc Retrouvey  
Michael Webb

Three more Guests had joined us at the 2015 Meeting in Washington, DC: Normand Boucher from Wayne, PA, Joseph Ghoubril from Beirut, Lebanon, and Blaine Langberg from Ridgefield, CT. All guests have been officially invited to initiate procedures for Affiliate Status.



*The Langham Hotel, Boston, MA.*



*The Pink Taxi drives guests in a two miles radius of the hotel.*

## News from the EHASO International Biennial- Pasadena, California, September 25-29, 2015

Report from Peter M. Greco - Director - Angle East

The 41<sup>st</sup> Biennial Meeting of the E.H. Angle Society of Orthodontists was hosted by the Southern California Component at the Langham Hotel in sunny Pasadena, California. There were more than 130 Active, Affiliate and Guest members of the Society in attendance, including 10 attendees from our Component.

A pre-meeting Board of Directors conference on Friday, September 25 was followed by a visit by the Executive Board and the Southern California's planning committee to the final home of Dr and Mrs Edward H. Angle in Pasadena. The property's owner graciously opened her home to welcome us. Dr Sheldon Peck was a most enthusiastic tour guide as the entourage viewed the actual sites where orthodontic greats such as Tweed, Steiner, Hahn, Begg, Brodie and many others received their orthodontic specialty education. We also walked the grounds of the last Angle School, which is adjacent to the Angles' home but serves as a family dwelling. Both structures bear remarkable resemblance to those depicted in century old photographs. Even the front steps, the front door and the house numbers on the home are original. The landscape of the home and school, as well as that of the neighborhood, retains its original grace and affluence of the early 1900s. Everyone who attended felt as if time had stood still as we pictured Dr and Mrs Angle soon to appear standing tall in their natty clothing of the early 1900s as we moved from room to room.

The Scientific Meeting began on Saturday, September 26, and opened with a keynote address by Mr Randy Shulman of the Huntington Library, Art and Gardens. Mr Shulman described the rise of Southern California as a haven for the wealthy of the East and Mid-West, and the region's subsequent boom to economic prosperity and cultural renown. He described the vast influence of Mr Henry E. Huntington, who was seminal in developing a viable railroad network in the region. This innovation greatly contributed to Southern California's financial development. The presentation described Mr Huntington's expansive estate in Pasadena, that same site which the attendees toured on Sunday afternoon. It is impossible to describe the magnitude and beauty of this estate, but try to picture a 50,000 square foot home with an adjacent (and comparably sized) library that resembles the Parthenon. There are also internationally-themed gardens (China and Japan, for example), a massive rose garden and flora from all corners of the globe, and more artwork than is found in some museums. A few minutes search on the Internet will give the reader a flavor of the expanse of the estate, but will not give it justice. There was also a golf tournament held at the Angeles



*Anglers were treated to a guided tour of The Warner Brother's Studio, with an on-site buffet dinner and drinks.*



*Sheldon Peck, Boston Orthodontist and Educator, EHASO Historian, World Class Art Collector.*



*The Executive Board and the Southern California's planning committee at the home of Dr and Mrs Edward H. Angle in Pasadena.*



*Takashi Yamashiro and Sylvain Chamberland finally relaxed at the reception after good work is done.*



*LEFT- Anne Todd, Angle East Secretary/Treasurer RIGHT- Carroll-Ann Trotman, Angle East President 2015-2016.*



*BACK. Inkwon Park, Samuel Chang FRONT. John Voudouris (discussor), Takashi Yamashiro (presenter), Sylvain Chamberland (presenter).*



*Sylvain Chamberland describing the effects of genioplasty in growing patients.*

National Golf Club. Several walking tours through Old Pasadena and the elegant neighborhood surrounding the hotel allowed the attendees to enjoy the California sunshine and the camaraderie that typifies our Angle family.

One of the outstanding highlights of the meeting was The Angle Memorial Lecture which was delivered by both Drs Patrick Turley and our own Sheldon Peck. This was an enthralling presentation comprised first of Dr Turley's review of Dr Angle's letters to Dr Albin Oppenheim and another colleague, Dr Rolf Grunberg. The account provided ample insight into the character and motivation of Dr Angle and his mutual respect of Drs Oppenheim and Rolf Grunberg. Dr Peck followed with an inspiring, pictorial look at Angle's migration throughout the United States. Dr Angle's motivation and impact on each community in which he lived and taught

was portrayed by an illustrative series of vignettes that only Sheldon could deliver. Both presentations delighted the members and well as their guests.

Drs Takashi Yamashiro and Sylvain Chamberlain represented our Component nobly in their scientific presentations, as did Dr Bill Cole and John Voudouris in leading discussions of speaker's presentations. As usual, the Scientific Program represented the "Crème de la Crème" of the Best Papers from our own and the nation's other components.

The Society was treated to a guided tour of The Warner Brothers' Studio, with an on-site buffet dinner and drinks, donated by 3M Unitek. Filming sites that are currently used for "The Big Bang Theory" and many other television and movie favorites were viewed.

The next Biennial Meeting will be hosted by Angle Midwest at The Drake Hotel in Chicago from September 6-10, 2017. The Drake Hotel is significant as it was the site of the First Angle Meeting held by widow of the late Dr Angle, Mrs Anna Hopkins Angle. You won't want to miss this one either!

## News

Sylvain Chamberland and Takashi Yamashiro were selected - respectively in 2014 and 2015- to be the recipients of the Brainerd "Barney" Swain Award of Excellence, and represented the Angle East at the EHASO International Biennial Meeting.

Takashi Yamashiro study was titled "Effects of Maxillary Anterior Segmental Distraction Osteogenesis in Patients with Cleft Lip and Palate". Patients with a cleft lip and palate (CLP) typically show a high incidence of Class III malocclusion and mid-facial retrusion. LeFort I osteotomies have conventionally been used to achieve maxillary advancement in CLP patients, and the procedures improve occlusal relationships, enhance speech articulation and favor nasal breathing. Yamashiro's paper described the recently developed technique of MASDO, which facilitates the forward advancement of the anterior maxillary segments without affecting the patient's velopharyngeal function. MASDO also corrects anteriorly-flattened dental arches that are characteristically observed in cleft palate patients with severely retruded maxillae. The purpose of the study was to evaluate the long-term effects of MASDO in CLP patients and identify risk factors for an increased relapse rate. The results show that MASDO is effective for correcting skeletal Class III problems with mid-facial deficiencies, and that an increased relapse rate is considered to be related to the counterclockwise rotation of the maxilla during surgery.

Sylvain Chamberland's paper was titled "Functional Genioplasty in Growing Patients", and evaluated the role of age as a moderator of bone regeneration patterns and symphysis remodeling after genioplasty. Symphysis thickness increased significantly during the 2-year postsurgery interval especially in patients younger than 15 y.o. Remodeling above and behind the repositioned chin also was greater in the younger patients. This was related to greater vertical growth of the dentoalveolar process in the younger patients. There was no evidence of a deleterious effect on mandibular growth. The paper concludes that when indications for this type of genioplasty are recognized, early surgical correction (before age 15) produces a better outcome in terms of bone remodeling.

Both papers were well received and are being submitted for publication in peer reviewed scientific journals.



*Takashi Yamashiro discussing distraction osteogenesis.*



*From Left to Right: Edmond Chaptini, Nayla Bassil-Nassif, Sheldon Peck, Chun-Hsi Chung.*

## Members News

The Angle East warmly congratulates Jean-Marc Retrouvey, who has become an Active member at the meeting in Washington, DC. Dr Retrouvey, Director of the Division of Orthodontics at McGill University in Montreal and examiner for the Royal College of Dentists Of Canada, is the new president of the Canadian Association of Orthodontists (CAO).

The Angle East society is deeply saddened by the recent loss of two esteemed colleagues and dear friends.

Howard Anstending's substantial contribution to the Angle East was greatly appreciated and will always be remembered. He served as a member of the Executive Committee for many

## ANGLE NORTHWEST

www.anglenorthwest.com

### Officers for 2014-2016

President Doug Klein  
 President-Elect/Program Chair Peter Shapiro  
 Past President Iain Allan  
 Secretary/Treasurer Hugh Lamont  
 Admissions Committee Tim Quinn  
 Study Committee Scot Burgess  
 Component Representative Bryan Hicks

### Upcoming Meetings

January 28 - 31, 2016  
 Benson Hotel  
 Portland, Oregon

February 2 - 5, 2017  
 Empress Hotel,  
 Victoria, BC

### Recent News and Events

Many of the NW Component members are still basking in the glory of being on the winning team from The Iron Chef competition in Seattle last January. I wish to take nothing away from those who participated and were on the winning team, but really, there was more to the meeting than winning that award. In the business section of the meeting, three minor changes to the by-laws were proposed and approved after being voted upon by the membership. The changes made it clear that members of the NW component must also be members of EHASO, that our meetings would take place early in the year in late January or early February, and that the President has the right to add non-voting members to the Board to assist with the functioning of the Component. All the changes were minor and were made to add clarity and avoid ambiguity in the wording of the previous bylaws.

Over the summer months there has been much activity behind the scenes in preparation for our next meeting in Portland. Peter Shapiro has arranged for Karen Brooks, food critic at Portland Monthly Magazine, to speak to all those attending the meeting, including spouses and guests, about the Portland food scene. Portland's food and wine scene as well as food carts are the talk and envy of the Northwest, so it promises to be an entertaining and informative session.

Later that first morning, Dr Pamela Hughes will present information on "Obstructive Sleep Apnea: Challenges in treatment for the surgical orthodontic team" in order to make us more aware

of many facets of treatment planning and treatment procedures in this ever growing and important field.

Drs Terry MacDonald, Tim Quinn, and Jennifer Crowe will discuss "Diagnosis and space planning using the visual treatment objective (VTO)" and we will also have presentations by Ross Drangsholt and Heather Woloshyn, Dan Phillips, Stephen Beadnell, Tae Woo Kim, and Doug Knight. In addition, our "model room" with Affiliate and Member case reviews will be open to promote discussion and differing points of view on what the appropriate and acceptable treatment procedures and results should look like. Are you ready for it?

Friday evening we will be sampling some of the famous Portland food and wine experience at the Uptown Billiards Club.



*Sandy Maduke receiving congratulations following her presentation.*



*Sandy Maduke giving her presentation.*



*Angle Society Goes Hollywood.*



*Warner Brothers back lot at night.*

Yes, that's right....Billiards Club. It promises to be an entertaining evening.

Over the summer, planning has been taking place with our NW Angle website. The rationale is to make it a "new and improved website" so it will be easier for all members in the North West Component to stay connected, print forms for case displays, pay their dues on time, and receive updates to events on-line. This version may already be functioning by the time you read this newsletter as the expected date for rollout is sometime this fall. Watch for it!

The Biennial Meeting was a great success and was enjoyed by many from the Northwest Component. Many thanks go to the organizing committee and members of the Southern California Component for their dedication and hard work in hosting another great meeting. Congratulations. ■



*Bryan Hicks and Dale Rhoney at E H Angle House.*



*National Board Members at house of E.H. Angle.*

## ANGLE NORTH CALIFORNIA

www.anglenortherncalifornia.org

President	Gregory Wadden
President Elect	Brian Payne
Secretary	Maryse Aubert
Treasurer	Ann Marie Gorczyca
Past President	Ken Kai

### Directors

<b>One Year Term</b>	Howard Hunt
<b>Two Year Term</b>	Paul Kasrovi
<b>Three Year Term</b>	William Green
<b>Four Year Term</b>	Ib Nielsen
<b>Five Year Term</b>	Patty Choi
<b>Central Body Director</b>	Ronald Champion

### 2015 Biennial Meeting Pasadena

Our Northern California members in attendance at the 2015 biennial meeting expressed their appreciation for a well-planned program. Our Southern California hosts presented a full program of relevant scientific sessions for our doctors as well as some unique activities for members and guests including visits to the Warner Brothers Studio, the Huntington Library, Art and Gardens, a Pasadena food tour, and the Gala event to name a few.

Robert Kelleher and Michael Payne were honored to serve as discussants for excellent presentations by Chester Handelman and Roberto Orsini both from the Midwest component. Hee Soo Oh and Jae Hyun Park represented us well with Dr Oh's presentation, Evaluation of Post-treatment Changes Following Orthodontic Treatment and Dr Park's presentation, Displacement and Stress Distribution by Different Bone-borne Palatal Expanders with Facemask: A three-dimensional finite element analysis.

### Future Meetings:

At the November 6, 2015 meeting in San Mateo, CA, our affiliates are continuing to fulfill their requirements for full membership. Eric Wu will be presenting his case report. Rebecca Keller has submitted her thesis: "A Systematic Review of the Use of Sealants in Orthodontics to Reduce the Risk of Demineralization" and will present at this meeting. Dr Denise Doan will present two case reports in the afternoon. We will all have the opportunity to see the History of the Angle Society Video. Oral B has graciously offered to sponsor this meeting.

Next year we have our two day away meeting scheduled for April 15 - 17, 2016 in Carmel, CA, at the Tally Ho and Pine Inn. Our keynote speaker will be Antonino Secchi DMD, MS



*Ken Kai, Kazuhiro Fukumachi, Jenny Chung, and Tae Kai.*



*NorCal President Gregory Wadden, Rosemary Wadden, Linda Worth, Peter Worth celebrating at the Gala.*



*Gala Attendees Ron Champion, Carol Baughman, Gary Baughman, and Hee Soo Oh.*

of Devon, PA sponsored by GAC. Dr Secchi is a Diplomate of the American Board of Orthodontics, a member of Angle East, a Clinical Assistant Professor at the University of Pennsylvania School of Dental Medicine as well as the former Clinical Director of the Department of Orthodontics. His title is "Leveraging Clinical Advancements in Treatment Mechanics. Dr Secchi is the founder of the Complete Clinical Orthodontics System and the Secchi Institute, which provides continuing education for orthodontics in the US and internationally.



*Warner Brothers Tour with movie fans Luminita Markham, Jessi Payne, Mike Payne, and Rebecca Keller.*

## 2019 Biennial Meeting Oct 31-Nov 4, 2019



*Napa Valley, California.*



For those of you planning ahead, the biennial for 2019, will be hosted by Northern California, in wine country, at the Meritage Resort and Spa, in Napa Valley, CA. Dr Ron Champion will be our president that year, Dr Paul Kasrovi, will serve as the general chair and Dr Steven Dugoni will serve as the doctor program chair. Our goal is to provide a program that is rich in content and offer activities that are fun and memorable for all doctors, spouses and guests in attendance. ■

Angle East continued from page 13

years and as President in 2008, when he brought our group to a superbly organized meeting in Charleston, South Carolina. An excellent and ethical orthodontist, loyal friend, affectionate father and grandfather figure, Howard was also a dedicated and most beloved instructor at the Division of Orthodontics of Columbia University, New York. His impeccable chair-side manners and clinical knowledge have inspired scores of young orthodontists, who could only hope to one day emulate his aplomb and solicitude. Howie was a true gentleman, and he is sorely missed. The Angle East has chosen him for the Distinguished Service Award in 2015, received by his loving wife Linda and daughter Karin in Washington, DC.

East Anglers were also gravely surprised by the sudden passing of Edmund Chaptini, one of the youngest Affiliate mem-

bers. Dr Chaptini, who practiced in Lebanon and held a hospital appointment at Notre Dame Hospital in Jounieh, had joined the Angle East group in 2013 and had successfully completed the initial part of the necessary procedures as an Affiliate. He passed away suddenly on August 15, 2015, leaving behind his wife Alexandra (also a dentist) and three wonderful children, 18, 15 and 12 years old. The Angle East Component has instituted a voluntary participation fund to honor Edmond's memory.

Sylvain Chamberland serves as the Communications and Website Committee Chair for the sincerely grateful Angle East component. Under his supervision and thanks to his efforts and attention to details the EEHASO website now appears in a new elegant and functional form. ■

## ANGLE SOUTHERN CALIFORNIA

www.anglesocal.org

### Board of Directors:

President:	Will Andrews
Immediate Past President	Robert Hambleton
Vice President:	Gary Kawata
Secretary:	Bob Bergman
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International Representative:	Masatada Koga
Editor:	Dave Rynearson
Historian:	Richard Mays
Program Chairperson:	Tina Siu

### Biennial Meeting

Angle Southern California were the hosts of our 41st Edward H Angle Society Biennial Meeting held at the Langham-Huntington Hotel in Pasadena, California, September 25 through Tuesday, September 29, 2015. Pasadena of course, was the home of Dr Angle's, Angle School of Orthodontics, circa 1916-1927. The Board of Directors, after their all-day meeting on Friday, the 25th visited Dr Angle's former home and school which are now the private residences of a very gracious owner who allowed the Board to see their well maintained property and take pictures.

The Opening Ceremonies, following a served breakfast was held on Saturday morning at the Langham Hotel. After Opening remarks from President Rick McLaughlin, the Vice-President for Advancement of the Huntington Library Art Collections and Botanical Gardens, Randy Shulman, spoke to members and guests

about its history and their recent art acquisitions. His slides and presentation was a precursor to our groups' optional tour of the Museum and grounds on our free afternoon on Sunday.

Meeting honorees, Wayne Watson, former AJO-DO Editor and Don Tuverson, Past President of the Edward H Angle Society were then introduced as well as a posthumous remembrance of Lee Logan, also Past President of Edward H Angle Society. This was followed by Pat Turley presenting his recent acquisition of Dr Angle's letters to Dr Albin Oppenheim of Prague, Angle, Oppenheim and the Southern California Experience: *Stories Gleaned from Letters Written to Albin Oppenheim from Edward Angle*. Sheldon Peck then discussed his very interesting paper: *Dr Edward H Angle and his Romance with California*. Dr and Mrs Angle had a cabin the San Gabriel mountains, visited the beaches from Laguna Beach to Santa Monica and also were intrigued by Navaho artifacts from the Southwest. Most of all, the Angle's enjoyed Southern California's beauty and climate.

After lunch for members, there was a Scientific Session until 5:00, when members and guests all boarded buses for a Warner Brothers Studio Tour and dinner sponsored by 3M Unitek. After the Scientific Session on Sunday morning, Dr Bill Arnett, Maxillo-Facial Surgeon from Santa Barbara was introduced as the New Honorary Member of the Edward H Angle Society. Bill then presented a comprehensive paper: *The Interdisciplinary Evolution of the Specialties of Orthognathic Surgery and Orthodontics*. His review of the various orthodontic-surgical treatment modalities from the 1970s, revealed the great progress made by both disciplines to the present time.

The afternoon was free for members and guests. The optional activities were: an Oak Knoll walking tour, Golf Tournament and



2015 Biennial Angle Soc. Attendees, Pasadena, CA



*Angle So meeting 1926 in front of the Angle School Building*



*Angle Board in Front of the Angle House*



*Dinner at Warner Brother Studio Drs Chan, Peck, Thomas, Peck, Christensen, Koda*



*Angle Southern California Board*

visit to the Huntington Library, Museum and Gardens. After a box lunch at the Museum, there was a lovely docent guided tour of the grounds, gardens and museum.

On Monday, there was again a Scientific Session in the morning and in the afternoon. At the break in the afternoon, Angle Midwest, who will sponsor the 42nd Biennial at the Drake Hotel, Chicago, September 6-10, provided the snacks: delicious Garrett popcorn, a Chicago specialty.

The special event for spouses and guests on Monday was a docent guided tour of the Norton Simon Museum.

In the evening we celebrated a Gala Dinner and Dancing; our entertainment was provided by Pat Turley's band: Tom Thumb and the Hitchhikers. Not only is Pat a well respected educator, researcher and international speaker, but he also is a very talented musician and entertainer.

There was a morning Scientific session on Tuesday, followed by a business meeting and adjournment. These five Scientific Sessions throughout the 4 days, provided by members of each of our seven components were stimulating and thought provoking. As an added feature, always at our Angle Biennial, there was a discussant



*Pat Turley and his band*



*Dr Champion and Greco discussing some board items while Dr Conley prepares for his presentation.*



*The board meeting at the Biennial meeting in Pasadena: Drs Conley and Rhoney with President Rick McLaughlin.*



*Dr Lindauer, Editor and Dr Isaacson Editor in Chief Emeritus discussing the bright future of the Angle Orthodontist.*



*Dr Campbell and President McLaughlin in discussion.*



*President Rick McLaughlin and honorary member Dr Bill Arnett*



*Dr Isaacson speaking with Dr Lindauer and Dr Kulbersh and Dr Haltom reviewing a report.*



*“A moment in history: Dr Shel Peck enters the Angle School in Pasadena, CA”*



*A true moment in history was made when Dr Sheldon Peck, Secretary Emeritus and Historian entered the Angle School.*



*A true moment in history was made when Dr Sheldon Peck, Secretary Emeritus and Historian entered the Angle School.*



*Dr Sheldon Peck in front of the Angle School in Pasadena. A Moment in history in the making.*



*Drs Greco and Peck in front of the Angle School*



*Drs Shroff, Campbell, Lindauer and Isaacson in front the Angle School.*

after each presentation followed by a question, answer and comment period.

Each morning, members and guests gathered for a continental breakfast on the outdoor patio of the Langham Hotel. Although Pasadena was unseasonably warm during the day, the cool mornings on the patio provided time for fellowship and to renew acquaintances.

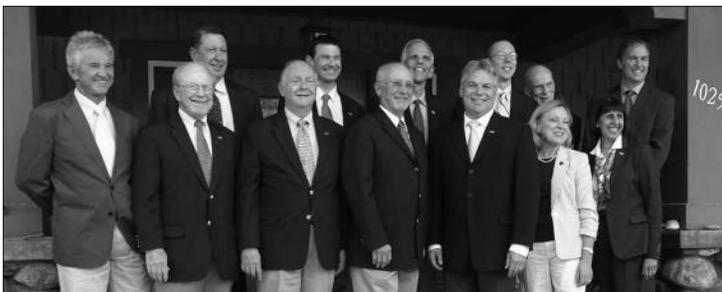
Angle Southern California also had recently treated cases from our component on display in one of the meeting rooms for members to study treatment plans and the results attained.



Also, 'Mother Angle's' Silver tea pitcher was on display. This pitcher was presented to Edward and Anna as a symbol of appreciation and friendship by their students and graduates in 1928. Anna Angle was affectionately called 'Mother Angle' by the students. Angle Southern California always has the Silver Tea Pitcher on display at our regular meetings. ■



*The Board of the Southern California Component in front of the Angle House.*



*The Angle Board of Directors in front of the Angle House.*



*Drs Lindauer, Conley, Champion and Shroff in front of the Angle House.*



*Tour and Dinner at Warner Brothers Studio in Burbank*



*Warren and Robert Schacter, Marck and Tina Wong, Tina Siu, Jim Zahrowski, Tom Rose*

## ANGLE SOUTHWEST

www.anglesouthwest.org

### Officers - 2015-2017

President	Dan Percy
President-Elect/Vice President	George Schudy
Treasurer	Mittida Raksanaves
Secretary	Seuss Kasssieh
Director to Central Body	Tucker Haltom
Director-At-Large	Hiro Arimoto
Director	Brad Edgren
Immediate Past President	S. Ed Owens

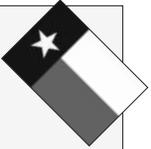


*Left to Right: Dan Percy, George Schudy, Mittida Raksanaves, Seuss Kasssieh, Brad Edgren.*

SAVE THE DATE

PLEASE JOIN US FOR THE 2016 ANNUAL MEETING — SOUTHWEST COMPONENT OF THE EDWARD H. ANGLE SOCIETY OF ORTHODONTISTS, APRIL 14-16, 2016

THE MEETING WILL BE AT THE BEAUTIFUL HILTON SOUTHLAKE, 1400 PLAZA PLACE | SOUTHLAKE TX 76092 | USA  
HILTONSOUTHLAKE.COM



### More fun for the golfers....Sky Creek Ranch Golf Club

Sky Creek Ranch Golf Club's magnificent Robert Trent Jones, Jr. designed championship golf course was carved from a pristine swath of land atop the highest point in Tarrant County. Jones took full advantage of the existing topography's sweeping panoramic vistas and bounty of lush foliage to create a compelling par-72, 6,953-yard test of golf that exhilarates and delights at every turn.

Rated 4 Stars by Golf Digest, <http://www.skycreekranch.com/>





Remember: Hilton Southlake  
Southlake, Texas  
April 14-16, 2016

See YA'LL in Texas in April!

## News from the Southwest:



*Member Dr Suess Kasssieh congratulates graduating residents from Arizona School of Dentistry and Oral Health (ASDOH) Graduate Orthodontic Department. He teaches evidence based orthodontics and is an advocate for the American Board of Orthodontics appointed by CDABO.*



*Dr Kasssieh Grading the Resident cases the College of Diplomats of the American Board of Orthodontics at the AAO in May 2015, San Francisco, CA.*



*A Natural Foursome playing Golf in Flagstaff, Arizona (Summer 2015). From Left to Right Nick age 6, Dr Seuss Kasssieh, Albert age 9, Joseph age 7.*

## New Addresses:

Dr P. Emile Rossouw  
Professor and Chairman  
Division of Orthodontics  
University of Rochester/EIOH  
625 Elmwood Avenue  
Rochester, NY 14620  
Email: emile\_rossouw@urmc.rochester.edu

Dr Joe Pearson  
**Pearson Orthodontics**  
Pecos Professional Plaza  
16611 S 40th St #110  
Phoenix, AZ 85048  
Ph 480 759-7575  
Email: DrJoe@bracedoc.com  
www.bracedoc.com

## ...More News from our Members:

Congratulations to:

"Member's Choice" Case Award winners - 2015 Southwest Component Annual meeting.

### Dr Phil Corbin and Dr Katie Julien.

Dr Corbin contributed his award winning case by following the 20 Principles and philosophy of the Alexander Discipline. ■



*CDABO meeting July 2015 in Beaver Creek, Colorado From Left to right Joseph 7, Adeline, Albert 9, Nick 6, Dr Kasssieh.*

## DR JAMES MORRIS REYNOLDS

by Larry W. White

Dr James Morris Reynolds, 97, of Lubbock passed away on October 14, 2015 after a brief illness following a fall. A resident of Lubbock for almost 70 years, Jim was orthodontist to legions of young people in West Texas, a civic leader and devoted husband and father.

His practice was also the basis for a life-long role in the profession, culminating in a trustee role and his election as President of the American Association of Orthodontists in 1981-1982. He was a founding member of the Angle Society Southwest and a lifelong member of the Tweed Foundation and other leading professional groups. Jim's professional skills extended to reconstructive orthodontics and patents with ceramic braces, widely adopted in the profession. He was an authority and active writer and speaker on practice management. He also founded orthodontic supply companies Zulauf, Inc., ClassOne Orthodontics and Element 34 Technologies.

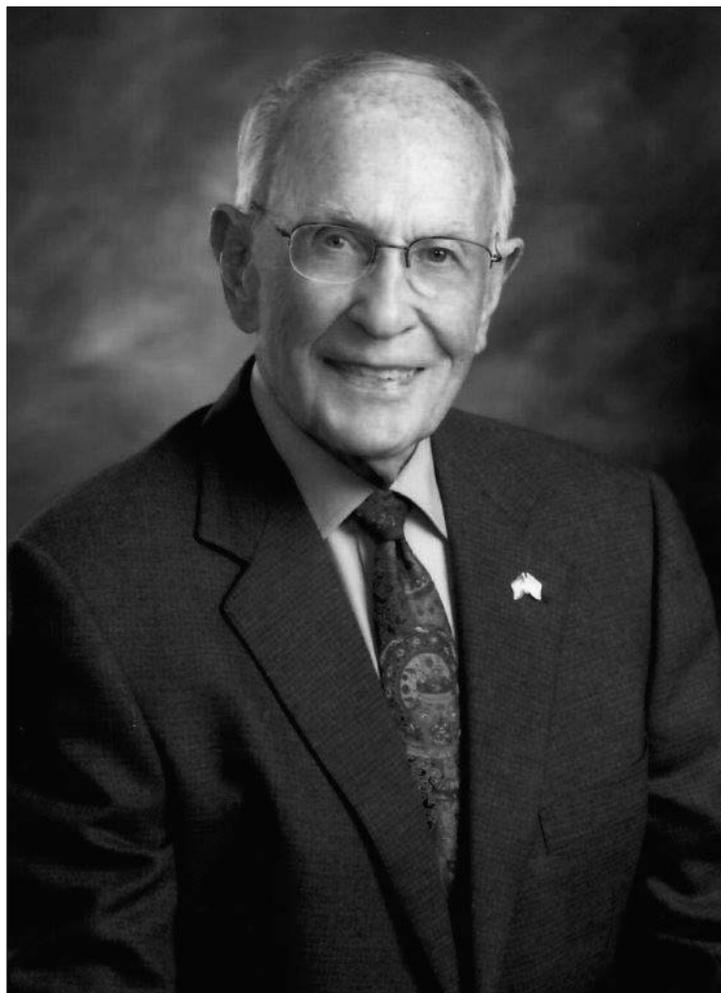
Jim was born in 1919 in Prairie Grove, Arkansas, the son of James Anderson Reynolds, a Methodist minister, and Lucy Wilborn Morris Reynolds, a teacher. He attended Hendrix College in Arkansas and graduated from Baylor College of Dentistry in 1944. During this period he met and married Elizabeth Keesling Eiffert, and served during WW II as a dentist in the Navy in California. He also served a similar role in the USAF in Amarillo during the Korean War.

Jim and Beth moved to Lubbock in 1945 where they became active in civic affairs. Among other roles, he served for 11 years on the Lubbock Independent School District Board of Education (three as president) and had a life-long affiliation with the First United Methodist Church, where he and Beth were church school teachers. Jim served as a scout master and maintained great respect for scouting. Jim and Beth were great hosts and made close friends wherever they travelled. He was active in Rotary International, leading a number of group study exchange programs, notably to London, a city that he and Beth loved and adopted as a second home over many years.

Jim was a committed sportsman with a love of skiing and tennis and was an avid fan of the Red Raiders. Jim and Beth remained in love for 67 years and his care and encouragement supported her following an untimely stroke until 2010, when she pre-deceased him. His later years were rejuvenated and enlightened by the affection and fun provided by Mrs Josie Sterling, a longtime friend. He was devoted to his children and passed his values and many enthusiasms on to them. He is survived by his

children: James Mikel, his wife Candi and children Ashley and Jonathan; Peter Rutledge, his wife Sandra and daughter Alex; Elizabeth Ann, her husband Tom Coleman and daughters Mary-Anna and Margaret; and Margaret Lea, her husband Bill Clark and children Matthew and Jane. He is also survived by 4 great grandchildren Max, Vivian, Cole and Elizabeth.

We seldom consider death as kind, but when it takes one so engaged and prolific, it seems unusually unkind even in the twilight of a splendid life. I first came to know Jim as an adolescent whose only dental experience heretofore had been the extraction of a tooth by a local dentist without benefit of anesthesia. I vowed never again to visit any dentist, but, of course, my mother had other ideas about that. She had heard good reports about a new dentist in Lubbock, TX, and I was soon sitting in Jim's treat-



ment chair. The experience was so pleasant and enjoyable that on the way home I told my mother, "When I grow up, I want to be like that man." I still aspire to that goal.

That was the beginning of a life-long friendship that has enriched my life since that first meeting. He was a personal never-seasonal North Star to whom all could turn for wise counsel, encouragement and knowledge, and he had the personality and generosity that could enlarge our victories and diminish our defeats. Jim could always bring a clarity and joy about dentistry and make one proud and anxious to participate in it to the fullest.

Jim literally transformed the esthetics of orthodontics with his invention of ceramic brackets and provided the profession with astute leadership as President of the American Association of Orthodontics. He recently submitted a paper to an orthodontic journal that will soon be published, which guaranteed that he would go out with a bang and not a whimper. His enduring and unselfish service made him an icon to his professional colleagues.

Of all his admirable traits, and there were many, his authenticity and fidelity to friends, family and colleagues had the biggest influence. His reliable and unpretentious personality made him a faithful and dependable source of support and sound advice, which continually nourished all who knew and depended on him.

In my own weak way, I have tried to capture what made Jim so special, but words can never capture the essence of what made Jim Reynolds so remarkable. Certainly his complete devotion to his wife, Beth, and the intense love for his family, his commitment to his patients, his generosity in service to his profession and fidelity to friends all collaborated to make him an extraordinary man whose friendship we cherished.

Jim was the pillar of fire before the camp, and now his family, friends and professional colleagues, chastened by the dimensions of the void that will replace him, stand bereaved and chilled in the dark - for awhile - but fully confident that his legacy of kindness, fidelity, high purpose and generosity will reignite our own personal commitments and enliven our service to others. ■

# The Edward H. Angle Research Prize

2015

**Farhan Bazargani** and co-authors **Anders Magnuson** and **Bertil Lennartsson**  
Effect of interceptive extraction of deciduous canine on  
palatally displaced maxillary canine:  
A prospective randomized controlled study.  
*The Angle Orthodontist*: 2014;84:3-10

2013

**Henrik Lund** co-authors **Kerstin Gröndahl**, **Ken Hansen**, and **Hans-Göran Gröndahl**  
Apical root resorption during orthodontic treatment: A  
prospective study using cone beam CT.  
*The Angle Orthodontist*: 2012;(82)3:480-487

2011

**Sheldon Peck**

A biographical portrait of Edward Hartley Angle,  
the first specialist in orthodontics, part 1, 2 and 3.  
*The Angle Orthodontist*: 2009;79(6)1021-1036

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 **Lysle E. Johnston, 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 **Leena 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



# THE EDWARD H. ANGLE SOCIETY

## 42nd INTERNATIONAL BIENNIAL MEETING

CHICAGO  
Drake Hotel  
September 6 – 10, 2017

*Sponsored by Angle Midwest*

***Making History with Angle Midwest!***