

Edward H. Angle Society

39th Biennial Meeting Program

**CELEBRATED
TRADITION WITH A
TOUCH OF SOUTHERN
CHARM**

Charleston, SC

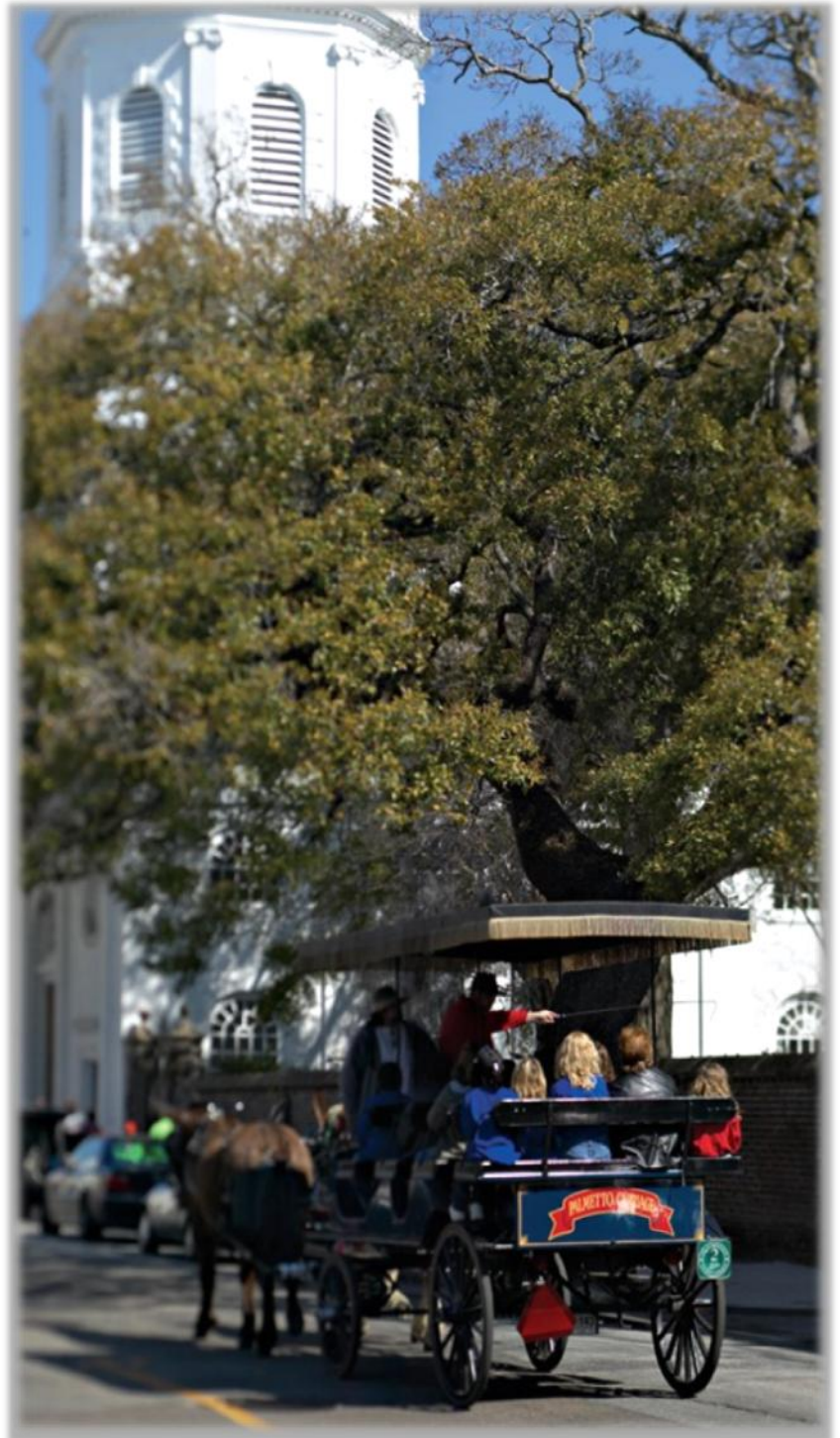
September 18-22, 2011

Hosted by:

Angle

North Atlantic

Sponsored in Part by: **3M** Unitek



A Welcome Message from Angle North Atlantic

Welcome to Charleston! The organizing committee and the members of Angle North Atlantic are excited to be your host at the 39th Biennial Meeting of the Edward H. Angle Society!

The framework of our scientific program is based solidly on the contributions from the seven components of the Angle Society, each putting forth their two finest speakers for this purpose. **The Angle Memorial Speaker** is Sheldon Peck, the Society's Secretary Emeritus and Historian. Sheldon will inspire us with his discussion of "The Confluence of Art and Orthodontics".

Two new Honorary members will be inducted into the Angle Society at this Biennial Meeting. Both have contributed significantly to the advancement of the science of orthodontics: Dr. Ceib Phillips and Dr. Daniel Laskin. Their presentations are demonstrative of their unique areas of expertise. We are proud to welcome them to Honorary Membership.

One of the most coveted privileges of the host component is our ability to **honor distinguished members** who have had a significant impact on the society, the specialty, and the lives of others. There were so many excellent prospects that it was difficult to choose only one, or two, or even six – but we held ourselves to six. The theme we chose was to honor those members of Angle North Atlantic who have made a major impact on orthodontic education and also who we felt were essential personalities making up the historical fabric of our component.

The **Honoree presentations** will be made during the opening ceremonies and Len Rothenberg will also give an introductory history of our component. Angle North Atlantic is unique among the Angle components in that we were born out of Angle East nearly 50 years ago, holding our first meeting in Philadelphia in 1964. That history is commemorated in the Honoree Program.

Also special to Angle North Atlantic are our numerous members from Japan and several other countries on five continents who make the long journey regularly to attend our annual component meetings. This year, just six months ago, Japan suffered a devastating earthquake, tsunami, and nuclear disaster. Members from our component and other Angle components survived the crisis and remained to aid in recovery and rebuilding efforts. Angle North Atlantic contributed through fundraising efforts and, here in Charleston, **we would like to recognize our Japanese and other International members**, showing our solidarity with them.

Finally, an essential part, and some might say the best part, of every Angle Biennial is the opportunity to **share special moments** with other members and guests during organized social activities. There is a laid back BBQ planned at the Boone Hall Plantation and an exciting and elegant gala event at the Riviera Theatre. The spouse's program includes a choice of tours and activities highlighting Charleston's rich cultural and historical heritage.

Tim Wheeler expresses his gratitude for the opportunity to serve the Angle Society, "an organization of wonderful people," as your President during the past two years. **All of us from Angle North Atlantic hope you enjoy and remember fondly your time here in Charleston!**



Thank You to 3M Unitek for Their Generosity

3M Unitek

Angle North Atlantic would like to express sincere appreciation to 3M Unitek for providing substantial monetary support that enabled enhancement of this Biennial experience for all Angle members. 3M Unitek's generous contribution was made without any expectations that the Angle Society or any of its components would provide any services or favors in return. We would like members of the Angle Society to recognize 3M Unitek for their supportive donation to the 2011 Biennial Meeting.



2011 Biennial Meeting Committee

Angle North Atlantic



President
Dr. Timothy Wheeler



General Chair
Dr. Steven Lindauer



Program Chair
Dr. Bhavna Shroff



Honoree Program Chair
Dr. Len Rothenberg



Registration Chair
Dr. Ronald Bellohusen



Website Chair
Ms. Darlene Johnson



Entertainment Co-Chair
Dr. Cindy Beeman



Entertainment Co-Chair
Dr. Scott Jenkins



Entertainment Co-Chair
Dr. Dianne Rekow



Audio Visual Co-Chair
Dr. Scott Conley



Audio Visual Co-Chair
Dr. Gary Opin



Spouse/Guest Event Chair
Dr. Fran Butterfoss



Golf Chair
Dr. Zachary Faber



Photographic Historian
Dr. Yukio Kitafusa



Board of Directors

Edward H. Angle Society of Orthodontists 2010 - 2012

Timothy M. Wheeler	President	Angle North Atlantic
Dale V. Rhoney	Vice President	Angle Northwest
Bhavna Shroff	Secretary	EHASO
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Richard P. McLaughlin	Director	Angle Southern California
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Tucker Haltom	Director	Angle Southwest
Phillip M. Campbell	Treasurer	EH Angle Education and Research Foundation
Robert J. Isaacson	Editor-in-Chief	<i>The Angle Orthodontist</i>
Blaine S. Clements	Secretary Emeritus (ex officio)	EHASO
Sheldon Peck	Secretary Emeritus and Historian (ex officio)	EHASO
Nick Dormer	Association Manager	EHASO



Angle Memorial Speaker

The Confluence of Art and Orthodontics

By: Dr. Sheldon Peck



Art has played an essential role in the historic development of modern orthodontics. Over a century ago, Edward Angle made facial art an important subject in his textbook and in the study of orthodontics. His friend, artist Edmund Wuerpel, gave many inspiring lectures at Angle School courses and early Angle Society meetings. This entertaining presentation will explore the beautiful interdependence of art and orthodontics, how art has impacted the world of orthodontics and how orthodontists have enlightened the world of art.

Angle Honorary Members

Dr. Daniel Laskin

Lecture Title: Common Errors in the Management of Temporomandibular Disorders



Dr. Ceib Phillips

Lecture Title: Orthognathic Surgery: Patient Recovery and the Effect of Non-Invasive Therapies on Altered Sensation



EDWARD H. ANGLE SOCIETY OF ORTHODONTISTS
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Schedule of Events

Saturday, September 17th

Time	Room Location	Event
6:30 – 7:30 pm	Flag Terrace	President's Appreciation Reception – EHASO Board of Directors
7:30 – 9:30 pm	Charleston Grill	President's Appreciation Dinner – EHASO Board of Directors

Sunday, September 18th

Time	Room Location	Event
7:30 am – 4:00 pm	Riley Board Room	Board Meeting – EHASO, Board of Directors <i>Continental Breakfast 7:30 – 8:00 am</i> <i>Lunch 12:30 – 1:30 pm</i> <i>Morning and Afternoon Refreshments Available</i>
5:00 – 7:30 pm	Palmetto Café Foyer	MEETING REGISTRATION
6:30 – 7:30 pm	Palmetto Café	Welcome Reception <i>Light Hors d'oeuvres, Wine and Beer</i>
7:30 pm		ENJOY DINNER ON YOUR OWN <i>A list of recommended restaurants suggested by Charleston Place Hotel is provided in the back of this program.</i>

Monday, September 19th



Opening Ceremonies Speaker

Linda Wohlfeil-Jones is a native of Charleston and a member of a well-known family whose local origins reach back through the ages.

A professional receptive operator and City of Charleston-licensed guide since 1983, Ms. Wohlfeil-Jones is the founding principal of Absolutely Charleston, a locally-based receptive operator, owner-operated transportation provider, and destination management company that provides comprehensive services to the Charleston area's hotels, resorts, and historic inns as well as to other meeting and conference professionals on the national and international levels.

Highly respected and much sought-after as a speaker to the myriad of corporations and organizations that elect to convene in the Carolina Lowcountry, Ms. Wohlfeil-Jones paints for visitors to Charleston a colorful canvas of the area's foundation and expansion, utilizing not only architectural, cultural, and religious facts, but also that always-entertaining information available only to those who are from here.

Media features include "Good Morning America," WGBH {public television} in Boston; the London Times; British BBC; and Southern Living magazine, amongst many others.

A graduate of Sacred Heart College {B.A.} and a member of the Arts and History Commission of the City of Charleston, Ms. Wohlfeil-Jones also serves a number of other organizations, including the Charleston Tourism Council, the Charleston Area Convention and Visitors Bureau, the Charleston Chamber of Commerce, the National Association of Catering Executives, the National Tour Association, and the Charleston Hoteliers Exchange Club.

Ms. Wohlfeil-Jones's love, enthusiasm, and protection of Charleston brings history to life in an educational, informative, and entertaining fashion, and she views her work as an opportunity to share her home with the countless visitors to Charleston "America's Best-kept Secret."

EDWARD H. ANGLE SOCIETY OF ORTHODONTISTS
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Schedule of Events

Monday, September 19th *continued*

Time	Room Location	Event
7:00 am	Magnolia Foyer	MEETING REGISTRATION
7:30 – 9:15 am	Magnolia Room	Opening Ceremonies (<i>guests/spouses are invited to join members</i>) <i>Full Breakfast Buffet</i> Welcome, Recognitions and Introductions – President Tim Wheeler Charleston Historian Speaker Linda Wohlfeil-Jones
9:15 – 9:45 am	Willow Foyer	Break for a Meet and Greet
9:45 – 11:15 am	Willow Room	Presentation of Honorary Members (<i>guests/spouses are invited</i>) Recognition of Corporate Sponsor (<i>guests/spouses are invited</i>) Presentation of Honorees (<i>guests/spouses are invited</i>)
11:15 am – 12:15 pm	Willow Room	Angle Memorial Lecture (<i>guests/spouses are invited</i>) <i>The Confluence of Art and Orthodontics</i> Dr. Sheldon Peck
12:15– 1:15 pm	Magnolia Room	<i>Luncheon for Members</i>
1:15 – 4:15 pm	SCIENTIFIC SESSION Willow Room	Session Chair: Dr. Robyn Silberstein (<i>Midwest</i>)

Time	Component Speaker	Topic
1:15 – 1:55 pm	Dr. Jim Boley (<i>Southwest</i>)	<i>The Esthetic Impact of Extracting Four 2nd Premolars in Borderline Patients</i>
1:55 – 2:10 pm	Dr. David Musich (<i>East</i>)	Discusser
2:15 – 2:55 pm	Dr. Robert C. Frantz (<i>Northern California</i>)	<i>A Strategy for Simplifying Treatment</i>
2:55 - 3:10 pm	Dr. Anthony Puntillo (<i>Midwest</i>)	Discusser
3:15 – 3:55 pm	Dr. Ron Snyder (<i>Midwest</i>)	<i>SureSmile: An Eight Year Perspective</i>
3:55 – 4:10 pm	Dr. Jeryl English (<i>Southwest</i>)	Discusser
4:15 – 4:45 pm		Group Photograph
5:50 pm	Meet in Hotel Lobby	BLUES, BREWS & BBQ at Boone Hall Plantation (Buses depart lobby at 6:00 pm)



Guest/Spouse Special Events Schedule for Monday 9/19

1:30– 3:30 pm	Low Country Cooking School	Registered Guests Meet in Hotel Lobby at 1:10
1:00 – 4:00 pm	Historic Downtown Walking Tour	Registered Guests Meet in Hotel Lobby at 12:50

EDWARD H. ANGLE SOCIETY OF ORTHODONTISTS
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Schedule of Events

Tuesday, September 20th

Time	Room Location	Event
7:30 – 8:15 am	Willow Foyer	<i>Continental Breakfast for Members and Spouses/Guests</i>
8:15 am – 10:15 am	SCIENTIFIC SESSION – Willow	Session Chair: Dr. Michael Sheets (<i>Northwest</i>)
Time	Component Speaker	Topic
8:15 – 8:55 am	Dr. David Briss (<i>East</i>)	<i>Spectrographic Changes in Speech Parameters with Rapid Palatal Expansion: Preliminary Findings</i>
8:55 – 9:10 am	Dr. Maryse Aubert (<i>Northern California</i>)	Discusser
9:15 – 9:55 am	Dr. Heesoo Oh (<i>Northern California</i>)	<i>Growth Changes in Early Treatment: A Cephalometric Evaluation</i>
9:55 – 10:10 am	Dr. Bruce Haskell (<i>North Atlantic</i>)	Discusser
10:15 – 10:30 am	Willow Foyer	<i>Break with Beverages</i>
10:30 am – 12:30 pm	SCIENTIFIC SESSION - Willow	Session Chair: Dr. Milton Chan (<i>Southern California</i>)
10:30 – 11:10 am	Dr. Doug Klein (<i>Northwest</i>)	<i>Product Manufacturers, Conflicts with Health Care and the Orthodontist</i>
11:10 – 11:25 am	Dr. Dianne Rekow (<i>North Atlantic</i>)	Discusser
11:30 am -12:30 pm	President Tim Wheeler	EHASO BUSINESS MEETING #1



**Your afternoon
and evening are
free to enjoy all
that is Charleston!**

*A listing of local
restaurants has been
provided in the back of
this program.*



Optional Special Events Schedule for Tuesday 9/20

10:00 am – 12:00 pm	Low Country Cooking School	Registered Guests Meet in Hotel Lobby at 9:40
12:15 pm	Golf Outing: Wild Dunes	Registered Guests/Attendees Meet Dr. Faber at the Bell Stand at 12:10 pm (<i>boxed lunch provided</i>)
1:45 – 5:00 pm	Fort Sumter Tour	Registered Guests/Attendees Meet at the Bell Stand at 1:40 pm

EDWARD H. ANGLE SOCIETY OF ORTHODONTISTS
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Schedule of Events

Wednesday, September 21st

Time	Room Location	Event
8:00 – 10:45 am	SCIENTIFIC SESSION – Willow	Session Chair: Dr. Donald Taylor (East)
Time	Component Speaker	Topic
8:00 – 8:40 am	Dr. Roy Gunsolus (Northwest)	<i>How Technology Enhances Communication, Diagnosis and Treatment Planning for Multidisciplinary Dentistry</i>
8:40 – 8:55 am	Dr. Leena Peck (East)	Discusser
9:00 – 9:40 am	Dr. Ray Lubberts (Southern California)	<i>A Technique for Correcting a 'Bear of a Crossbite Bite'</i>
9:40 – 9:55 am	Dr. Scott Conley (North Atlantic)	Discusser
10:00 – 10:45 am	Dr. Daniel Laskin (Honorary Member)	<i>Common Errors in the Management of Temporomandibular Disorders</i>
10:45 – 11:45 am	Magnolia Room	<i>Brunch for Members</i>
12:00 – 2:00 pm	SCIENTIFIC SESSION - Willow	Session Chair: Dr. Douglas Jaul (Northern California)
12:00 – 12:40 pm	Dr. Ravi Nanda (North Atlantic)	<i>Stability of Class II Correction with Intermaxillary Fixed Device: Long Term Prospective Study</i>
12:40 – 12:55 pm		Discussion
1:00 – 1:40 pm	Dr. Ute Schneider-Moser (East)	<i>Is the Cant of the Occlusal Plane Significant in the Soft-Tissue Outcome of Class II Surgical Treatment?</i>
1:40 – 1:55 pm	Dr. Harry Legan (North Atlantic)	Discusser
2:00 – 2:15 pm	Willow Foyer	<i>Break - Refreshments Available</i>
2:15 – 5:00 pm	SCIENTIFIC SESSION - Willow	Session Chair: Dr. Marvin Stephens (Southwest)
2:15 – 2:55 pm	Dr. Donald Burden (North Atlantic)	<i>The Evidence Base for Orthognathic Surgery</i>
2:55 – 3:10 pm	Dr. Neal Wells (Northern California)	Discusser
3:15 – 4:00 pm	Dr. Ceib Phillips (Honorary Member)	<i>Orthognathic Surgery: Patient Recovery and the Effect of Non-Invasive Therapies on Altered Sensation</i>
4:00 – 4:40 pm	Dr. Jim Zahrowski (Southern California)	<i>An Orthodontic Emergency Kit</i>
4:40 – 4:55 pm	Dr. Calogero Dolce (North Atlantic)	Discusser
6:00 – 9:00 pm	Riviera Theatre (Next to Hotel)	GALA EVENT RECEPTION & DINNER



Guest/Spouse Special Events Schedule for Wednesday 9/21

9:00 am – 12:00 pm	Classic Colonial Charleston Walking Tour	Registered Guests Meet in the lobby at 8:50
1:15 – 4:15 pm	Charleston Renaissance Art Tour	Registered Guests Meet in the lobby at 1:10

EDWARD H. ANGLE SOCIETY OF ORTHODONTISTS
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September 18-22, 2011

Schedule of Events

Thursday, September 22nd

Time	Room Location	Event
7:30 – 8:30 am	Willow Foyer	<i>Continental Breakfast for Members and Spouses/Guests</i>
8:30 am – 12:00 pm	SCIENTIFIC SESSION – Willow	Session Chair: Dr. Bhavna Shroff (North Atlantic)
Time	Component Speaker	Topic
8:30 – 9:10 am	Dr. Huja Sarandeep (Midwest)	<i>The Effect of Zoledronic Acid Bone Healing Subsequent to Mini Implant Insertion</i>
9:10 – 9:25 am	Dr. David Covell (Northwest)	Discusser
9:30 – 10:10 am	Dr. Jason Cope (Southwest)	<i>I May Have a Few Loose Screws, but My Patients Don't: Keys to MiniScrew Success While Minimizing Failures</i>
10:10 – 10:25 am	Dr. Eugene Roberts (Midwest)	Discusser
10:30 – 11:30 am	Willow Room	EHASO Business Meeting #2
11:30 am	Willow Room	Adjournment and Farewell



The Angle North Atlantic Component wishes you a fond farewell as our 2011 Biennial Meeting comes to a close. We hope you will agree that our theme for this meeting proved to be extremely true:

***Celebrated Tradition with a Touch of
Southern Charm***

Until we have the pleasure of meeting again, safe travels!

A heartfelt thank you again to 3M Unitek for their monetary support of the EHASO 2011 Biennial Meeting. With their generous donation we were able to offer our attendees the 5-star experience Angle Members have come to expect without a heavy increase to registration fees. 3M Unitek has definitely enhanced this Biennial experience for all Angle Members.

Sincerely,
Angle North Atlantic

3M Unitek



The Edward H. Angle Society of Orthodontists
Biennial Meetings 1930 – 2011

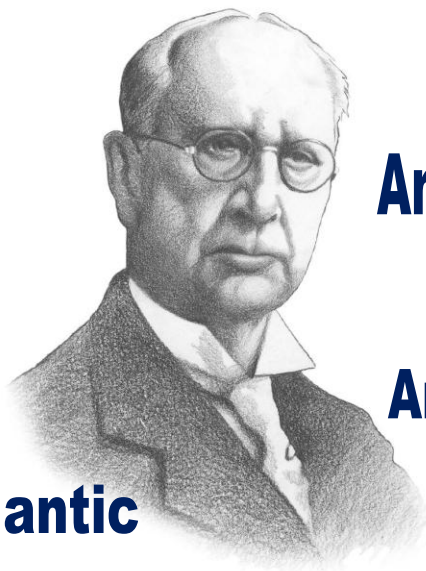
Year	City	Location	Host Component	Chair or President
1930	Chicago, IL	<i>Lake Shore Athletic Club</i>		Dr. Frank Gough, Chairperson
1932	Pasadena, CA	<i>Angle College of Orthodontics</i>	Southern CA	Mrs. E. H. Angle, Chairperson
1933	Chicago, IL	<i>Edgewater Beach Hotel</i>	Midwest	Mrs. E. H. Angle, Chairperson
1936	Del Monte, CA	<i>Del Monte Hotel</i>	Northern CA	Mrs. E. H. Angle, Chairperson
1938	New York City, NY	<i>Waldorf Astoria</i>	Eastern	Mrs. E. H. Angle, Chairperson
1939	Chicago, IL	<i>Lake Shore Athletic Club</i>	Midwest	Mrs. E. H. Angle, Chairperson
1947	Santa Barbara, CA	<i>Biltmore Hotel</i>	Northern CA	Mrs. E. H. Angle, Chairperson
1949	French Lick, IN	<i>French Lick Resort</i>	Midwest	Mrs. E. H. Angle, Chairperson
1951	Skytop, PA	<i>Skytop Lodge</i>	Eastern	Dr. W. B. Downs, Chairperson
1953	Victoria, BC	<i>Empress Hotel</i>	Northwest	Dr. H. B. Noyes, Chairperson
1955	Chicago, IL	<i>Drake Hotel</i>	Midwest	Dr. W. B. Downs, Chairperson
1957	Washington, DC	<i>Shoreham Hotel</i>	Eastern	Dr. W. Thompson, Chairperson
1959	Colorado Springs, CO	<i>Broadmoor Hotel</i>	Midwest	Dr. J. R. Thompson, Chairperson
1961	Palm Springs, CA	<i>El Mirador Hotel</i>	Northern CA	Dr. T. H. Terwilliger, Chairperson
1963	Phoenix, AZ	<i>Camelback Inn</i>	Southern CA	Dr. Jack Rathbone, Chairperson
1965	Boston, MA	<i>Sheraton Boston Hotel</i>	Eastern	Dr. Paul Hoffman, Chairperson
1967	New Orleans, LA	<i>Roosevelt Hotel</i>	Midwest	Dr. Morse Newcomb, Chairperson
1969	Denver, CO	<i>Brown Palace</i>	Southwest	Dr. R. D. Payne, Chairperson
1971	Seattle, WA	<i>Washington Plaza Hotel</i>	Northwest	Dr. Richard Riedel, President
1973	Boca Raton, FL	<i>Boca Raton Hotel & CC</i>	North Atlantic	Dr. R. B. Hedges, President
1975	Maui, HI	<i>Royal Lahaina Resort</i>	Northern/Southern CA	Dr. R. W. Campbell, President
1977	Lake of the Ozarks, MO	<i>Tam-Tar-A Resort</i>	Midwest	Dr. J. T. Lindquist, President
1979	Hilton Head, SC	<i>Hilton Head Inn</i>	North Atlantic	Dr. N. A. DiSalvo, President
1981	Durango, CO	<i>Tamarron Resort</i>	Southwest	Dr. Elbert King, President
1983	Hot Springs, VA	<i>The Homestead</i>	North Atlantic	Dr. R. W. Baker, President
1985	Vancouver, BC	<i>The Four Season Hotel</i>	Northwest	Dr. J. G. Ryan, President
1987	Newport Beach, CA	<i>The Four Season Hotel</i>	Southern CA	Dr. Lee Logan, President
1989	Chicago, IL	<i>Drake Hotel</i>	Midwest	Dr. James Baldwin, President
1991	Sun Valley, ID	<i>Sun Valley Lodge</i>	Northern CA	Dr. Lee R. Boese, President
1993	Asheville, NC	<i>Grove Park Inn</i>	Eastern	Dr. Theodore Adler, President
1995	Aspen, CO	<i>The Ritz-Carlton</i>	Southwest	Dr. Robert L. Orr, President
1997	Williamsburg, VA	<i>Kingsmill Resort</i>	North Atlantic	Dr. Robert M. Rubin, President
1999	Sunriver, OR	<i>Sunriver Resort</i>	Northwest	Dr. Laurel E. Brown, President
2001	Maui, HI	<i>Kapalua Bay Resort</i>	Southern CA	Dr. Donald Tuverson, President
2003	Ridgedale, MO	<i>Big Cedar Lodge</i>	Midwest	Dr. Paul Castelein, President
2005	Incline Village, NV	<i>Hyatt Regency Lake Tahoe Resort</i>	Northern CA	Dr. Gary Baughman, President
2007	Québec City, Canada	<i>Fairmont Le Château Frontenac</i>	Eastern	Dr. David Musich, President
2009	San Antonio, TX	<i>Marriott Riverwalk Hotel</i>	Southwest	Dr. Jim Boley, President
2011	Charleston, SC	<i>Charleston Place Hotel</i>	North Atlantic	Dr. Timothy Wheeler, President



Angle East

Angle Midwest

Angle North Atlantic



Angle Northern California

Angle Northwest

Angle Southern California

Angle Southwest

Experience the Great Northwest

Edward H. Angle Society

40th Biennial Meeting

September 6-10, 2013

Vancouver, BC

**Angle Northwest
Invites You on the
Trip of
A Lifetime!**

