2014 COMBINED ANNUAL SESSION

Orthodontics & All That Jazz

SEPTEMBER 11-13 - HILTON CHICAGO - CHICAGO, IL

PROGRAM
THANKS TO OUR SPONSORS

Platinum Level
3M Unitek

Silver Level
American Orthodontics
Ormco

Bronze Level
Ortho2
Reliance Orthodontic Products, Inc.
Wisconsin Society of Orthodontists

Refer to the exhibit hall floorplan on page 16 to visit these sponsors and all exhibitors listed on pages 17–22 in this book to thank them for their support!
On behalf of the Great Lakes Association of Orthodontists (GLAO) and Midwestern Society of Orthodontists (MSO) we would like to welcome you to the 2014 combined GLAO-MSO Annual Session, “Orthodontics & All That Jazz!”

The Hilton Chicago is a great location and within walking distance to many Chicago attractions. Take some time and walk through Grant Park to Chicago’s Lakefront, Field Museum, Shedd Aquarium, Adler Planetarium or Soldier Field and experience this beautiful city.

A special thanks to our 2014 Planning Committee who has planned a premier program for both doctors and staff. The profession’s most respected and renown speakers have gathered here to share new and innovative information that will benefit your entire staff team.

Be sure to thank your supporting exhibitors and sponsors by visiting the exhibit hall. Refer to your name badge for exhibit hall complimentary food/beverage event tickets. Don’t miss networking at the Friday evening Welcome Reception in the exhibit hall where MSO’s President Dr. John Crawford and wife Sue will provide some “All That Jazz” tunes.

Registered doctors, staff and family members have tickets for the Friday and Saturday morning complimentary light continental breakfast and Friday reception while doctors, staff, and exhibitors also have tickets for a complimentary lunch in the exhibit hall Friday and Saturday. Refreshment breaks as noted in the doctor and staff schedule are complimentary in the hall.

Thank you for tuning into this meeting and please let us know how we can “Jazz Up” your experience in Chicago!

Sincerely,

Dr. Phil Beckwith
GLAO 2013 – 2014 President

Dr. John Crawford
MSO 2013 – 2014 President
Thanks to the 2014 GLAO-MSO Annual Session Planning Committee for putting together an “All that Jazz” program in Chicago!
Please note that the International Ballroom and Foyer are accessed through the Lobby Level.

Hilton Chicago Third Floor

Stairs to International Ballroom

GLAO Business Mtg. IN Business Mtg.

OH Business Mtg.
The GLAO Distinguished Service Award recognizes a GLAO member who has served the GLAO in various capacities through the years in an exemplary manner. The Great Lakes Association of Orthodontists is proud to present this year’s award to Dr. Douglas Beaton of London, Ontario. This award is presented in recognition and grateful appreciation for his contributions – both to the GLAO as an organization, and to the orthodontic profession in general. His efforts are deeply appreciated by his GLAO friends and colleagues.

This award will be presented to Dr. Beaton during the GLAO Business Meeting on Friday from 11:15 a.m. – Noon in the Waldorf Room. Please plan to join us in recognizing Dr. Beaton for his contributions to the GLAO and the orthodontic profession!

Dr. Doug Beaton received his DDS degree from the Faculty of Dentistry, University of Toronto and MSc degree, Orthodontics, from the Faculty of Dentistry, University of Manitoba. Following graduation from the University of Toronto, Doug and his wife Linda traveled to Gowganda and Temagami in Northern Ontario. While there in a dental outfitted 37 foot trailer they lived and provided dental treatment to Native children. This treatment was sponsored by the Canadian Junior Red Cross. After a year of northern living they returned to Toronto where Doug practiced general dentistry for nine years before entering the orthodontic program at the University of Manitoba.

Dr. Beaton practiced orthodontics in London ON from 1973 to 2001. During that time he has been past president of the London District Dental Society, the Ontario Association of Orthodontists, the Great Lakes Association of Orthodontists and the Canadian Foundation for the Advancement of Orthodontics. He has been a member from the GLAO to the Council on Library Resources of the AAO, and the
AAO subcommittee on Ethics. He is a Fellow of the Royal College of Dentists (Canada), the International College of Dentists, the American College of Dentists, and the Pierre Fauchard Academy. He has been an Adjunct Professor in the graduate orthodontic department at Western University in London ON from 1978 to the present. Dr. Beaton has been honored with the Robert Brandon London District Dental Society Service Award and the Ontario Association of Orthodontists Distinguished Service Award. He is past Chairman of the United Way for the London and District Dental Society and past Chairman of the Board of Stewards of Metropolitan United Church, London Ontario.

Dr. Beaton and his wife Linda have four children: Doug Jr. is a dentist; Lesley and Heather are lawyers; and Iain is a Technology Project Manager. They are the proud grandparents of ten grandchildren. Dr. Beaton resides with his wife Linda in London Ontario, where he remains active in the community.

GLAO Distinguished Service Award Winners

<table>
<thead>
<tr>
<th>Award Winner</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eli Berger</td>
<td>2000</td>
</tr>
<tr>
<td>George Eastman</td>
<td>2003</td>
</tr>
<tr>
<td>David Haas</td>
<td>2004</td>
</tr>
<tr>
<td>Walter Buchsieb</td>
<td>2005</td>
</tr>
<tr>
<td>John Barbour</td>
<td>2008</td>
</tr>
<tr>
<td>Jeffrey Gilmore</td>
<td>2010</td>
</tr>
<tr>
<td>Valmy Pangrazio-Kulbersh</td>
<td>2011</td>
</tr>
<tr>
<td>Robert Brown</td>
<td>2012</td>
</tr>
<tr>
<td>Scott Jamieson</td>
<td>2013</td>
</tr>
<tr>
<td>Douglas Beaton</td>
<td>2014</td>
</tr>
</tbody>
</table>
Join colleagues at the MSO Annual Business Meeting Friday at 11:15 a.m. in honoring Dr. Arnie Hill as the 2014 MSO Earl E. Shepard Distinguished Service Award winner. The Midwestern Society of Orthodontists Board of Directors unanimously selected Dr. Arnold J. Hill of St. Paul, Minnesota, as the recipient of the 2014 Earl E. Shepard Distinguished Service Award. This award recognizes a member of the MSO who exemplifies the ideals of the orthodontic profession, community and family.

Raised in Minneapolis, Arnie attended the University of Minnesota for his undergraduate, dental school and orthodontic training, graduating with a MSD degree in 1965. He was in private practice in Rochester for five years, then Staff Consultant and Professor at Mayo Clinic for 30 years. He returned to private practice with the late Dr. Terry Guenthner and Dr. Brent Larson in Rochester, and then with Dr. Michelle Bergsrud in Minneapolis. While at Mayo, he was the Graduate Education Orthodontic Program Director for a number of years and had a special interest in patients with congenital anomalies as a member of the Craniofacial Disorders Team. He also was a member of the Sleep Disorders Team treating patients with sleep apnea. He is most proud to be among former orthodontic staff and residents from the Mayo program who have had successful professional lives and have made significant contributions to their communities. Giving back in time, talent, service and resources are hallmarks of the Mayo Legacy.

Arnie has held top leadership positions in the Minnesota Dental Association, the Minnesota Association of Orthodontists, and the Midwestern Society of Orthodontists. He was selected by the American Dental Association (ADA) to chair the national Special Committee on Fragmentation of the Association and Profession. Their findings and recommendations helped shape future goals and activities of the ADA. He was a member of the ADA House of Delegates for many years and a member and chairman of the Council on Dental Care Programs. With the American Association of Orthodontists (AAO), he served a number of years in the House of Delegates, as chairman of the Council on Scientific Affairs and as part of the group that developed the first Guidelines for Orthodontic Practice. In 2003 he was General Chair for the AAO Annual Session in Hawaii. He is a Diplomate of the American Board of Orthodontics and a retired member of the Edward H. Angle Society. For eight years Dr. Hill was a member of the Minnesota Board of Dentistry serving as president in 1991 to 1993.

Among his many honors, Arnie was chosen Teacher of the Year by the
Mayo Clinic Fellows Association and was the recipient of the A. B. Hall Distinguished Alumnus Award given by the University of Minnesota School of Dentistry; the Roger J. Fredsall Distinguished Service Award given by the Minnesota Association of Orthodontists; and the James E. Brophy Distinguished Service Award given by the American Association of Orthodontists. He was named the Guest of Honor by the Minnesota Dental Association and received the Alumni Service Award from the University of Minnesota Board of Regents.

For 18 years as a Rochester, Minnesota Police Commissioner Arnie took pride in helping develop a more educated and professional police force. He was active in his church and served on the boards of the United Way and the American Cancer Society, the latter as president. As a member of a southeastern Minnesota task force to assess the need for a dental assisting program in the area, he was instrumental in selecting the location for Rochester, developing the program and serving as a part-time volunteer instructor.

Professionally, Arnie currently occasionally helps cover orthodontic practices in the Twin Cities and Rochester. He provides orthodontic diagnosis and treatment planning, practice counseling and evaluations for a major Minnesota dental/orthodontic group. He helped develop Affordable Care Act orthodontic guidelines for a Minnesota-based insurance company.

Marriage to Shirley for over 50 years has added great dimension to Arnie’s life; she still tries to keep him diversified. Socializing remains high on their list as they enjoy fine food/beverage, travel, music, gardening and numerous projects around their homes at Spider Lake, Wisconsin and St. Paul, Minnesota. They have two daughters, Jennifer and Sara, and grandchildren Lydia, Alice, Price and Bart, ages 17-6, with sons-in-law William and Jonathan. The family is at the center of their lives and activities—whether in St. Paul, Spider Lake, Lake City, Edina, Hawaii or wherever.

Congratulations, Arnie, for all that you have done for orthodontics, the dental profession and your community. You are most deserving of this award.
THURSDAY, SEPTEMBER 11

8:00 a.m. – 12:30 p.m. Boulevard A/B  GLAO Board Meeting and Breakfast

10:00 a.m. – 11:45 a.m. Boulevard C  MSO Executive Committee

Noon – 5:00 p.m. Boulevard C  MSO Board Meeting and Lunch

1:00 p.m. – 5:00 p.m. Normandie Lounge  Registration Desk Open

1:30 p.m. – 5:00 p.m. Grand Ballroom/Foyer  Exhibitor Set-up

FRIDAY, SEPTEMBER 12

7:00 a.m. – 5:00 p.m. Normandie Lounge  Registration Desk Open

7:30 a.m. – 6:30 p.m. Grand Ballroom/Foyer  Exhibits Open

A name badge is required to enter the exhibit hall. Refer to today's schedule for times for the continental breakfast, refreshment breaks, lunch and reception offered in the exhibit hall. While all registrants have a drink ticket in name badge, only registered doctors, staff, and exhibitors have tickets for complimentary lunch in exhibit hall. No ticket required for continental breakfast.

7:30 a.m. – 8:30 a.m. Grand Ballroom/Foyer  Continental Breakfast in Exhibits

8:00 a.m. – 9:30 a.m. International Ballroom South

Moderator: Dr. Virginia Mennemeyer

Dr. Roberto Justus, MSD

Dr. Justus graduated from the University of Washington and is the current president of the World Federation of Orthodontists. He maintains a private practice in orthodontics in Mexico City, Mexico, serves as Research Director, Graduate Department of Orthodontics at Intercontinental University and is widely published, lecturing worldwide.
Deproteinization of Tooth Enamel Surfaces to Prevent White Spot Lesions and Bracket Bond Failure: A Revolution in Orthodontic Bonding

Orthodontic treatment success is jeopardized by the risk of development of white spot lesions (WSLs) around orthodontic brackets. It is the orthodontist’s responsibility to minimize the risk of patients having enamel decalcifications as a consequence of orthodontic treatment. This can be achieved by using fluoride-releasing, resin-modified glass ionomer cement (RMGIC) to bond brackets, with deproteination of the enamel surface prior to phosphoric acid etching. You will learn why:

• Enamel is protected from WSLs when brackets are bonded with RMGIC.
• Enamel deproteinization with Clorox (5.25% Sodium Hypochlorite), prior to etching, increases bracket SBS (Justus et al, Seminars in Orthodontics, March 2010), diminishing bracket bond failure incidence, both with composite resin and RMGIC.

8:30 a.m. – Noon  International Ballroom North
Moderator: Dr. Randy Wright
Mr. Bruce Manchion

Bruce Manchion is C.E.O. of Universal Training Concepts, Inc. (UTC), an international training and consulting company based in Las Vegas, NV. He is the author of “Getting To The Gut,” a DVD program on persuading others to do what you want them to do, as well as published articles.

Building Productivity of Putting Teamwork to Work

Teamwork is one means by which to increase effectiveness and efficiency without capital expenditures or increased staffing. This session builds skill in applying communication strategically, so that the desired behavior is achieved faster and more efficiently. This session will:

• Identify what true teams are and how to insure yours is a true team.
• Provide the personal and collective steps necessary for building and maintaining a true team.
• Establish the foundation for team leveraging to realize the average 40% increase in productivity enjoyed by true teams.
• Provide the four-step process that can reduce unnecessary rework by up to 40%.
• Explain how to achieve and maintain open communication.
• Show participants how to leverage active listening into actionable results.
• Identify listening styles and filters.
• Have participants learn and use key communication skills.
• Build skill in identifying, avoiding or recovering from barriers to open communication.
9:30 a.m. – 11:00 a.m. International Ballroom South

Moderator: Dr. Virginia Mennemeyer

Dr. Katherine Vig, BDS, MS, D. Orth, FDS (RCS)

Dr. Vig was born and educated in England and now resides in Boston. She served on the Orthodontic Faculty at the University of North Carolina, University of Michigan, The University of Pittsburgh (including Chair) and The Ohio State University (including Chair) until she retired as part-time OSU faculty in 2013.

Root Resorption and Orthodontic Tooth Movement

This session will provide an overview of apical root resorption and orthodontic tooth movement. With the current emphasis on making evidence-based decisions in clinical orthodontic practice a systematic review of the published scientific literature on root resorption will be presented. Objectives:

• Review our understanding of external apical root resorption.
• Understand if an association exists between root resorption and orthodontic tooth movement.
• Review the hierarchy and sources of evidence.
• Review the application of evidence from the published scientific literature to clinical decision-making.

10:00 a.m. – 10:30 a.m. Grand Ballroom/Foyer

STAFF Program Refreshment Break in Exhibits

11:15 a.m. – Noon Boulevard A-C

MSO Annual Business Meeting

MSO members and their families are invited to this annual meeting and presentation of the MSO 2014 Earl E. Shepard Distinguished Service Award to Dr. Arnold Hill (pictured, see page 6). Visit the exhibit hall afterwards for a complimentary lunch.

11:15 a.m. – 12:15 p.m. Waldorf – 3rd Floor

GLAO Annual Business Meeting

GLAO members and their families are invited to this annual meeting and presentation of the GLAO Distinguished Service Award to Dr. Douglas Beaton (pictured, see page 4). Visit the exhibit hall afterwards for a complimentary lunch.

Unused items from GLAO-MSO hosted food functions will be donated to a local food bank.
Noon – 1:30 p.m. Grand Ballroom/Foyer
Lunch in Exhibits
Doctor, staff and exhibitor registrants have ticket in name badge for complimentary lunch.

Noon – 12:30 p.m. Boulevard A-C
Missouri Society of Orthodontists Meeting
Missouri Society members may pick-up their lunch following the meeting in the exhibit hall.

12:15 p.m. – 1:15 p.m. Waldorf – 3rd Floor
Indiana Association of Orthodontists Meeting
Complimentary lunch will be provided in meeting room. Ticket in your name badge will be collected.

12:15 p.m. – 1:15 p.m. Astoria – 3rd Floor
Ohio Association of Orthodontists Meeting
Complimentary lunch will be provided in meeting room. Ticket in your name badge will be collected.

1:30 p.m. – 3:00 p.m. International Ballroom South
Moderator: Dr. John Kanyusik
Dr. Thomas Cangialosi, DDS

Dr. Cangialosi is Professor and Chair of the Orthodontic Department at the Rutgers University School of Dental Medicine. He has previously served as Chairman of the Section of Growth and Development and Director of the Division of Orthodontics at the Columbia University College of Dental Medicine.

Aspects of Vertical Dimension and Anterior Open Bite
Among the most challenging malocclusions are those with vertical discrepancy resulting in hyperdivergency and/or anterior open bite. Not all skeletal open bites are the same or have the same etiology, however, they are often treated with the same mechanics. This presentation will describe the differences between true skeletal and dentoalveolar open bite. The varieties of open bite patterns will be described and treatment options for different types of open bite will be suggested. The need for and efficacy of extraction of premolars or molars will be discussed. Objectives:

• To distinguish between skeletal and dentoalveolar open bite.
• To distinguish between the different types of skeletal anterior open bites.
• To be able to apply the appropriate treatment modality to a given high angle case.
1:30 p.m. – 5:00 p.m.  
International Ballroom South  
Moderator: Dr. Randy Wright  
Mr. Bruce Manchion  
Continued – Refer to morning lecture listing for details.

3:00 p.m. – 3:30 p.m.  
Grand Ballroom/Foyer  
Dr. and Staff Refreshment Break in Exhibits

Admittance to this lecture will be monitored for only Doctor name badges.

3:30 p.m. – 5:00 p.m.  
International Ballroom South  
Moderator: Dr. John Kanyusik  
Mr. Paul Zuelke*  
*Zuelke is president and founder of Zuelke & Associates, Inc., a management consulting firm specializing exclusively in teaching credit management and accounts receivable control techniques to health care practices.

Practice Security  
Twenty-five to thirty percent of all orthodontic offices will experience employee theft this year. It is likely that 100% of orthodontists in practice more than 10 years have been stolen from at least once. While embezzlement cannot be stopped, with common sense practice management “rules” in place, and a minor amount of doctor involvement in a routine review of practice statistics, instances of theft can be reduced and embezzlements can be caught early. Doctors will receive written guidelines and instructions and a list of rules/systems that must be in place in the practice to discourage embezzlement attempts and identify embezzlement when it occurs.

5:00 p.m. – 6:30 p.m.  
Grand Ballroom/Foyer  
“Orthodontics & All that Jazz” Reception in Exhibits  
Sponsored by 3M Unitek  
All registrants, including registered family members, are invited to use their one beverage ticket for a complimentary soft drink, bottled water, wine or beer. Join your colleagues for complimentary light appetizers and a jazz quartet featuring MSO President Dr. John Crawford (Wisconsin) and wife Sue.

Dinner on Your Own  
Make a dinner reservation in advance by reviewing a list of downtown restaurants provided at the Registration Desk or asking the Hilton Concierge for assistance.
SATURDAY, SEPTEMBER 13

7:30 a.m. – 4:30 p.m.  International Ballroom Foyer
Registration Desk Open

7:30 a.m. – 8:30 a.m.  Grand Ballroom/Foyer
Continental Breakfast in Exhibits

7:30 a.m. – 1:30 p.m.  Grand Ballroom/Foyer
Exhibits Open

A name badge is required to enter the exhibit hall. Refer to today’s schedule for the continental breakfast, morning refreshment break and lunch times in the exhibit hall. Only registered doctors, staff, and exhibitors have tickets for complimentary lunch in exhibit hall. No ticket required for continental breakfast.

7:35 a.m. – 8:20 a.m.  Boulevard B/C
ABO Informational Meeting – All invited

All attending orthodontists are invited to attend this NEW event format where ABO Directors Dr. Paul Castelein (MSO) and Dr. Valmy Kulbersh (GLAO) will share information and answer questions about the ABO. Note this FREE event does not require a separate advance registration. You may pick-up continental breakfast items in the exhibit hall in advance and bring with you to the ABO informational event.

8:30 a.m. – Noon  International Ballroom South

Moderator: Dr. Pat Foley

Dr. Eustáquio Araujo, MSD

Dr. Araujo received his Masters and Certificate in Orthodontics from the University of Pittsburgh. He is the Professor of Orthodontics and Clinic Director at the Center for Advanced Dental Education at Saint Louis University. Formerly he was President of the Pontifical Catholic University of Minas Gerais, PUCMinas, Belo Horizonte, Brazil.

Teeth and Ideas in Movement: A Potpourri of Orthodontic Pearls, Class II and Class III Controversies

With time comes change, and with change comes progress. Unquestionably, the achievements in our specialty have made our professional endeavors such a wonderful experience. Yes, Teeth and Ideas in Movement, has a lot to do with Dr. Araujo’s passion for orthodontics and academics. This program is a blend of old and new techniques with the objective to trigger a reflection on what we do and teach day in and day out. A Potpourri of Orthodontic Pearls including dilacerations, impactions and ankylosis as well as Class II and Class III controversies and treatment will be extensively addressed. This lecture will revisit the ideas and concepts clinicians execute.
8:30 a.m. – Noon  International Ballroom North
Moderator: Dr. Ross Crist
Ms. LeeAnn Peniche* and Mr. Paul Zuelke*
Sponsored by Ortho2
Refer to Friday 3:30 p.m. Doctor Lecture for Zuelke bio.

As the founder and president of Peniche & Associates, she has provided orthodontists and their offices for over 20 years with the tools and systems for their continued success through lectures, in-office training and her trademarked Treatment Coordinator Intensive™ workshop and Signature Marketing™ course and staff only Club Peniche.

**P.O.P. Culture: People, Operations and Production…in that Order**

A successful team builds their practice on People, Operations and Production…in that order. Peniche and Zuelke combine their expertise to focus on practice culture, operational systems and production for growth. Learn from Peniche how to take care of the person, not just the patient. Discover how to create practice culture that communicates what you stand for, and how to put in place the systems that support your practice’s short and long-term goals. Learn proven systems for case acceptance, how to focus on the uniqueness of each individual patient from the first call through the final days of retention and how to extend your culture into all of your marketing efforts. Discover proven tools to build team unity and create a successful culture. Zuelke will teach you how to successfully manage finances and payment systems. Learn how to build relationships with your patients through thoughtful and effective credit management that focuses on the person.

10:00 a.m. – 10:30 a.m.  Grand Ballroom/Foyer
Dr. and Staff Refreshment Break in Exhibits

Noon – 1:30 p.m.  Grand Ballroom/Foyer
Lunch in Exhibits
Doctor, staff and exhibitor registrants have ticket in name badge for complimentary luncheon.

Noon – 1:30 p.m.  Grand Tradition/Lobby Level
MSO Past Presidents Luncheon

Noon – 1:30 p.m.  Waldorf 3rd Floor
GLAO Past Presidents Luncheon

Noon – 1:30 p.m.  Boulevard A
Council on Orthodontic Education
Lunch will be served at the beginning of meeting.

* Indicates financial and/or beneficial interest.
Dr. Turley received his dental training from the UCLA School of Dentistry followed by the University of Washington where he was dual trained in both Pediatric Dentistry and Orthodontics. He was a full-time professor at UCLA, including Chairman of the Orthodontic Department, until 1997 when he entered private practice.

The Latest on Facemask/Palatal Expansion Therapy for the Growing Class III Patient

One of the most significant changes in early orthodontic treatment over recent decades has involved management of the Class III malocclusion. Facemask therapy has supplanted chin cup and other orthopedic/orthodontic methods as the most common and predictable early treatment procedure. This lecture will address how facemask therapy works, the benefits of palatal expansion, optimal treatment timing, what happens following phase I therapy, and the long term benefits of early treatment. Since successful orthopedic treatment requires excellent cooperation and optimal treatment timing, some patients however, may still require other forms of intervention. The use of TAD’s and miniplates for older patients will be discussed.

Attendees will be able to:

• Describe the mechanism by which the facemask corrects a Class III malocclusion.
• Determine the effectiveness of facemask therapy at different ages.
• Discuss the benefits of palatal expansion in early Class III treatment.
• Recognize patients less likely to be successful with facemask therapy.
Earn Up to 12 Continuing Education Units

The Great Lakes Association of Orthodontists and Midwestern Society of Orthodontists are CERP Recognized Providers approved by the American Association of Orthodontists. ADA CERP is a service of the American Dental Association to assist dental professionals in identifying quality providers of continuing dental education. ADA CERP does not approve or endorse individual courses or instructors, nor does it imply acceptance of credit hours by board of dentistry.

The Great Lakes Association of Orthodontists and Midwestern Society of Orthodontists designates this activity for up to 12 continuing education credits.

Concerns or complaints about a CE provider may be directed to the provider or to ADA CERP at www.ada.org/cerp.
3M Unitek  224, 226
3M Unitek is a leading certified manufacturer and worldwide supplier of innovative products to orthodontic professionals.
www.3Munitek.com  626-574-4441

AAO Foundation / AAO PAC  Table 3
The AAO Foundation, the charitable arm of the American Association of Orthodontists, provides support to orthodontic education programs and orthodontic research. The AAO’s Government Relations Program, which includes the AAO’s Political Action Committee, is dedicated to advancing the specialty of orthodontics. This includes advocating for laws that enable members to provide care to patients without unnecessary regulation.
www.AAOmembers.org  800-424-2841 X546

AAO Practice Management  Table 2
Stop by and view a full array of product and service samples available for your practice including brochures, practice management forms and DVDs.
www.AAOmembers.org  800-424-2841

Advantage Technologies  115
Hassle-free computer and network specialist focusing on technology integration for dentistry and dental specialties.
www.adv-tech.com  877-723-8832

American Board of Orthodontics  Table 4
The only orthodontic specialty board recognized by the ADA and sponsored by the AAO.
www.americanboardortho.com  314-432-6130

American Orthodontics  123, 125
American Orthodontics is the largest privately held orthodontic manufacturer in the world.
www.americanortho.com  920-457-5051

Apex Dental Milling & 3D Printing  309a
3D printing of orthodontic models.
www.apexdentalmilling.com  734-623-4236

AOA  425
A leading full service laboratory providing appliances that fit your patients and your practices needs.
www.aosalab.com  800-262-5221

Aurelle  109a
Toob™ Brushes for orthodontic marketing and improved oral hygiene.
www.yourhealthysmile.com  888-970-2001

Benco Dental  113
Dental merchandise and equipment
www.benco.com  800-Go-Benco

Boyd Industries  206
Boyd Industries designs and manufactures exam and treatment chairs, delivery systems and custom cabinetry.
www.boydindustries.com  800-255-2693
Carestream Dental/Ortho Trac  117, 119, 121
Carestream Dental provides a complete set of integrated solutions that are specifically designed for orthodontists.
www.carestreamdental.com  800-944-6365

ClearCorrect  316
ClearCorrect is a manufacturer of clear aligners, offering a more doctor-friendly approach.
www.clearcorrect.com  888-331-3323

Cloud9Ortho  207
Provides a browser-based cloud software for management and imaging
www.cloud9ortho.com  800-394-6050

Crest Oral-B  324
OrthoEssentials is a comprehensive program specifically designed to empower patients and build your practice.
www.dentalcare.com/ortho  800-543-2577

Dane Dental Laboratory, CDL  322
Wisconsin’s “largest” small ortho lab! Precision craftsmanship, fast turn time, free shipping.
www.DaneDentalLab.com  608-839-8800

Dentaurum  405
Dentaurum has provided innovation and quality to the orthodontic market for over 125 years.
www.dentaurum.com  800-523-3946

Dentronix Inc.  209
Pliers and sterilizer equipment
www.dentronix.com  800-523-5944

Dentsply GAC International  305
GAC offers a wide range of appliances to orthodontists including brackets, wires, lab products and services.
www.gacintl.com  800-645-5530

Dolphin Imaging & Management Solutions  423
Provides imaging, diagnostic, treatment planning, case presentation, practice management, and patient education software for orthodontists.
www.dolphinimaging.com  800-548-7241

DynaFlex  306
Your total orthodontic, digital and sleep solutions
www.dynaflex.com  1-800-489-4020

Focus Ortho  307
Developers of Focus Ortho a cloud based practice management software of orthodontists.
www.FocusOrtho.com  888-247-6360

Forestadent USA  320
Leading worldwide manufacturer of innovative, high-quality orthodontic products.
www.foresdentusa.com  800-721-4940

G & H Orthodontics  208
Manufacturer and worldwide supplier of high-quality orthodontic products.
www.ghortho.com  800-526-1026
Gaidge
Gaidge is an automated practice performance analysis tool that provides information needed to make informed decisions without complicated manual processes. Accelerate your practice.
www.gaidge.com

GC Orthodontics America Inc.
Full line distribution of orthodontic materials including Tomy Inc.
www.gcorthodontics.com 888-332-4883

Gendex, NOMAD, SOREDEX, Instrumentarium
Gendex, NOMAD, SOREDEX, and Instrumentarium manufacture and market a complete line of dental imaging solutions.

Henry Schein Orthodontics
Henry Schein Orthodontics™ provides innovative products and services to help build a successful orthodontic practice.
www.henryscheinortho.com 888-851-0533

i-CAT® Imaging Science
i-CAT® is internationally recognized for its award-winning 3D imaging systems that optimize clinical control over scan size, resolution, modality and dose.
www.i-cat.com 800-205-3570

Invisalign iTero
Align Technology manufacturers Invisalign and is a leader in digital dental solutions.

Lantern Creek Productions
We specialize in creating web videos and TV commercials for orthodontists and dentists.
www.lanterncreekproductions.com

Magnum Ortho
Magnum Ortho manufactures and distributes pliers, mathieus and scalers.
www.magnumortho.com 800-336-9710

Motion View Software, LLC
Ortho Insight creates 3D digital models, indirect bonding trays, aligner setups, and 3D facial scans.
www.motionview3d.com 423-475-6914

MyProViewer
Marketing and communication tool designed to educate, engage and entertain patients.
www.myproviewer.com 866-521-0555

Oasys Practice, LLC
Develops, markets and supports practice management software for orthodontists and pediatric dentists in both server and cloud environments.
www.oasys.us 800-528-2978

On Track Orthodontics
On Track Orthodontics produces high quality brackets that will keep your bottom line on track.
www.ontrackorthodontics.com 317-966-1950

= sponsor
Opal Orthodontics by Ultradent  105
Opal Orthodontics products include bands and brackets, archwires, adhesives and homecare products.
www.opalorthodontics.com  888-863-5883

OrchestratoOrthodontic Technologies  321
Design and create aligners, retainers, bonding setups, and more using the powerful CAD orthodontic system from Orchestrato—all in-house.
www.orchestrato3d.com  800-678-4644

Ormco  326
Orthodontic products, digital impression system.
www.ormco.com  800-854-1741

Ortho Classic  111
Ortho Classic carries a comprehensive line of orthodontic products; including the H4 self-ligating system.
www.orthoclassic.com  866-752-0065

Ortho Technology, Inc.  317
Manufacturers a complete line of orthodontic supplies, including but not limited to; Brackets, Bands, Wires and Adhesives.
www.orthotechnology.com  813-991-5896

Ortho2  323, 325
Ortho2’s Edge delivers all-encompassing practice management, imaging and communication solutions. Edge features Cloud Computing, imaging appointment reminders, patient education animations, web portal services and more.
www.ortho2.com  800-678-4644

OrthoAccel Technologies, Inc.  217, 219
AcceleDent Aura, developed by OrthoAccel Technologies is a device designed for faster orthodontic treatment.
www.acceledent.com  866-866-4919

OrthoBanc  221
ACH and credit card payments. Credit Report with Recommendation. Complete management of accounts.
www.orthobanc.com  888-758-0585

Orthodontic World, Inc.  210a
Brackets, buccal tubes, bands and accessories.
www.orthodontics-world.com  317-331-9938

Orthopli Corporation  222
Family owned and operated – manufacturer of orthodontic instruments and photographic mirrors.
www.orthopi.com  800-237-3737

OrthoSynetics  308
OrthoSynetics assists with the business, marketing, and administrative aspects of running a practice.
www.orthosynetics.com  877-0SI-1111

Pearl Insurance  Table 1
The AAOIC Professional Liability Insurance Program is administered by Pearl Insurance (endorsed by the AAO).
www.aaolic.com  800-622-0344
Philips Sonicare & Zoom Whitening  312
Philips provides advanced solutions to meet patients’ needs and empowers consumers to achieve superior oral healthcare.
www.philipsoralhealthcare.com  800-422-9448

Planmeca USA, Inc.  223
Digital x-rays.
www.planmecausa.com  630-529-2300

PNC Bank  310
Financial services.
www.pnc.com/hcprofessionals 877-566-1355

PracticeGenius  311
Rewards, kids club, social media, contests and mobile applications.
www.practicegenius.com  800-560-1469

Propel Orthodontics  413
Propel drivers create micro-osteoperforations, stimulating biology to accelerate tooth movement and reduce orthodontic treatment time.
www.propelortho.com 855-377-6735

Reliance Orthodontic Products, Inc.  216
Orthodontic adhesives, cements, sealants and bonding accessories
www.relianceorthodontics.com 800-323-4348

RMO, Inc.  421
Designs, engineers and manufactures premium quality products and services.
www.rmortho.com  800-525-6375

Solutionreach  107
Solutionreach is a cloud-based platform to easily acquire, retain, educate and reactivate patients.
www.solutionreach.com 866-605-6867

SPEED System Orthodontics  205
Displaying the Self-Ligating, SPEED Appliance and the complete line of SPEED Auxiliary products including Supercable, SPEED Convertible Tubes and SPEED Buccal Tubes.
www.speedsystem.com 519-658-2925

Summit Orthodontic Services, Inc.  218
Orthodontic supply company and laboratory; still family owned and operated for 52 years.
www.summitorthodontic.com 800-321-9124

SUPERscrew-SUPERrspring Co.  417
Manufacture and sells the Superscrew, telescopic expander.
www.superscrewsuperspring.com 800-494-7594

suresmile  315
New 7.0 suresmile on the cloud digital technology empowers planning of tooth movement and root position, achieving consistently superior outcomes.
www.suresmile.com  972-728-5500

Systemized Orthodontics Consulting Group  209a
SOCG provides customized consulting/coaching services for orthodontic practices, “a whole new approach.”
www.systemizedortho.com 937-581-1760
TeleVox 314
TeleVox provides technology for practices to attract new patients, build loyalty and manage the business.
www.televox.com 800-644-4266

tops Software 225
tops Software offers innovative, Mac-based software - management, imaging and cephalometrics – for orthodontic practices worldwide.
www.topsortho.com 770-627-2527

TP Orthodontics, Inc. 214
TP Orthodontics, Inc. supplies premier orthodontic products including an exclusive Personalized Color-Matching Technology®.
www.tportho.com 800-348-8856

Treloar & Heisel, Inc. 407
Professional insurance administrators.
www.th-online.net 800-345-6040

TruDenta 109
TruDenta is a unique system of care which empowers orthodontists to predictably and profitably treat patients with chronic headaches, migraines and TMJ/D without drugs, needles or a permanent orthotic.
www.drsdoctor.com 855-770-4002

Wells Fargo Practice Finance 210
Bank, financial services, practice sales/acquisition.
www.wellsfargo.com/practicefinance.com 800-326-0376

Yodle 220
Yodle, a leader in local online marketing, connects business to consumers.
www.yodle.com 877-276-5104

Disclaimer: The Great Lakes Association of Orthodontists and Midwestern Society of Orthodontists do not review or approve of or necessarily agree with the topics, speakers, and presentations set forth in this program. As such by virtue of your attendance at this program, you acknowledge that any and all actions taken by you based upon such topics, speakers and presentations are undertaken by you at your own risk and further agree to hold the GLAO and MSO harmless from any and all liability in relations to the same. The GLAO and MSO encourages you to make your own independent judgment as to the topics, speakers, and presentations, to rely on the advice of professionals, as appropriate, in making decisions in relation hereto.
1927  D.W.S. Sargeant
1928  Earl H. Teetzel
1929  George R. Moore
1930  Burt Abell
1931  Ernest N. Bach
1932  Harry L. Losmer
1933  James D. Locke
1934  S.A. MacKenzie
1935  Oliver W. White
1936  G. Vernon Fisk
1937  M.E. Barnes
1938  C.J. Vosmick
1939  I.A. Lehman
1940  Harvey G. Bean
1941  F.S. Carwright
1942  No Meeting
1943  No Meeting
1944  Henry D. Cossitt
1945  No Meeting
1946  Willard A. Gray
1947  Stuart S. Crouch
1948  E.F. Boester
1949  W.R. Flint
1950  C.E. Martinek
1951  R.E. Barnes
1952  Holly Halderson
1953  S.T. Holmes
1954  Robert E. Wade
1955  Louis Brown
1956  Carl R. Anderson
1957  Milton R. Culbert
1958  Harlow L. Sheehan
1959  Edwin G. Flint
1960  Richard Beatty
1961  H. Irving Miller
1962  Paul Ponitz
1963  George S. Harris
1964  J. Thomas Crouch
1965  Robert E. Coleman
1966  Joseph R. Gould
1967  David C. Hamilton
1968  Edward A. Cheney
1969  Charles J. Burstone
1970  James E. Teetzel
1971  Robert T. McGonagle
1972  John E. Aldrich
1973  James D. Happle
1974  Ross D. Fisk
1975  John T. Lindquist
1976  Charles K. Sawyer
1977  William J. Claus
1978  Morris M. Stoner
1979  Walter C. Buchsib
1980  Donald G. Woodside
1981  Arthur H. Craven
1982  Eugene L. Dellinger
1983  B. Holly Broadbent, Jr.
1984  Eric Luks
1985  David Hogan
1986  Richard G. Snyder
1987  Don E. Lahrmann
1988  G. David Haas
1989  Raymond G. Bozek
1990  George A. Eastman
1991  Dale B. Wade
1992  Charles M. Simons
1993  Malcolm Yarn
1994  Terry R. Pracht
1995  Jack Gorman
1996  Eli V. Berger
1997  W. Douglas Beaton
1998  Scott A. Jamieson
1999  John R. Barbour
2000  Paul C. Levin
2001  John F. Buzzatzo
2002  Thomas L. Ahiman
2003  Valmy Kulber
2004  O.H. Rigsbee, Ill
2005  Jeffrey L. Gilmore
2006  Robert J. Brown
2007  Christopher A. Roberts
2008  Robert S. Portenga
2009  Jeffrey Berger
2010  Mary K. Barkley
2011  Richard M. Marcus
2012  Ronald S. Good
2013  Robert F. Good, II
2014  Jerry Hickman
2015  Michael W. Sherman
Phillip Beckwith
President
Westerville, OH

John F. Monticello
Secretary Treasurer
Grand Rapids, MI

Christopher A. Roberts
Trustee
Findlay, OH

Gregory Oppenhuizen
President-Elect
Holland, MI

Go to www.glao.org for the latest news and information about GLAO.

Aron E. Dellinger
Vice President
Fort Wayne, IN
Directors
Ontario Jeff Berger
Ohio Jeffrey L. Gilmore
Indiana Anthony M. Puntillo
W. Pennsylvania Walter W. Schratz
Michigan Josephine Weeden

Editor & Immediate Past President
Michael W. Sherman

Delegates to 2014 AAO House
Phillip J. Beckwith
Aron E. Dellinger
Dale Anne Featheringham
Richard Kulbersh
Gregory Oppenhuizen
John F. Monticello
Michael W. Sherman

Alternate Delegates to 2014 AAO House
M. Donald Hayes
Richard M. Marcus (Delegation Chair)
Valerie D. Martone
Anthony M. Puntillo

GLAO Executive Director
Debbie Nunner

GLAO Representatives to AAO Councils and Related Organizations
Council on Communications Stephen J. Belli
Council on Governmental Affairs Phillip J. Beckwith
Council on Insurance Robert J. Brown
Council on Membership, Ethics, and Judicial Concerns Richard M. Marcus
Council on New and Younger Members Jason Charnley
Council on Orthodontic Education R. Scott Conley
Council on Orthodontic Health Care Gregory Oppenhuizen
Council on Orthodontic Practice Michael W. Sherman
Council on Scientific Affairs Nan Hatch

American Board of Orthodontics Valmy Pangrazio Kulbersh
AAOF W. Eugene Roberts
AAOPAC J. Richard Pfeffer
Go to www.msortho.org for the latest news and information about MSO.
Directors
Illinois  Spencer Pope
Iowa  David C. Gehring
Manitoba  Constantine Athanasopoulos
Minnesota  Kevin L. Denis
Missouri  Virginia A. Mennemeyer
Nebraska  Kimberley A. Stafford
North Dakota  Alison Fallgatter
South Dakota  Ryan K. VanLaecken
Wisconsin  Scott Arbit

MSO Editor
Stephen F. Litton

Delegates to 2014 AAO House
Ara C. Goshgarian, Chair
Michael G. Durbin, Vice Chair
Ross L. Crist
Deborah J. Lien
Virginia A. Mennemeyer
Dennis D. Sommers
Kimberley A. Stafford

Alternate Delegates to 2014 AAO House
John S. Kanyusik
Steven D. Marshall
Ryan VanLaecken

MSO Executive Director
Kristi S. Burmeister

MSO Representatives to AAO Councils and Related Organizations
Council on Communications  James G. Klarsch
Council on Governmental Affairs  Deborah J. Lien
Council on Insurance  Steven J. Henseler
Council on Membership, Ethics and Judicial Concerns  Dennis D. Sommers
Council on New and Younger Members  Rick W. Fuchs
Council on Orthodontic Education  William A. Wiltshire
Council on Orthodontic Health Care  Michael G. Durbin
Council on Orthodontic Practice  D. Spencer Pope
Council on Scientific Affairs  Jeffrey C. Nickel

American Board of Orthodontics  Paul T. Castelein
AAOF  Stephen C. Roehm
AAOPAC  Kevin D. Homer
1939    Max E. Ernst
1940    Max E. Ernst
1941    Harold J. Noyes
1942    Harold J. Noyes
1943    Charles R. Baker
1944    Charles R. Baker
1945    Arthur C. Rhode
1946    Arthur C. Rhode
1947    C. S. Foster
1948    Ralph G. Bengston
1949    Joseph H. Williams
1950    L. Bodine Highley
1951    P. M. Dunn
1952    Paul G. Ludwig
1953    Hewett Williams
1954    Earl E. Shepard
1955    Howard Yost
1956    Richard A. Smith
1957    Thomas D. Speidel
1958    Frederick B. Lehman
1959    John R. Thompson
1960    Leo B. Ludergan
1961    Henry E. Colby
1962    Elmer E. Bay
1963    William F. Ford
1964    John Abra
1965    Donald H. Ketterhagen
1966    Kenneth E. Holland
1967    Fred Fabric
1968    Raymond C. Thurow
1969    William H. Olin
1970    Karl von der Heydt
1971    Sidney Jaynes
1972    Allan G. Brodie, Jr.
1973    James W. Monson
1974    Robert L. Williams
1975    William F. Campbell
1976    James Jolly, Sr.

1977    Eugene S. Blair
1978    William S. Brandhorst
1979    James E. Weesner
1980    George J. Kottemann
1981    William H. DeKock
1982    Robert R. Etem
1983    Reed E. Sanford
1984    Robert E. Bedell
1985    Phillip J. Maschka
1986    Robert P. West
1987    James E. Gjerset
1988    John J. Byrne
1989    Robert S. Cornwell
1990    Darrel G. Moreland
1991    D. David Kinser
1992    Thomas H. Williams
1993    Francis J. Miller
1994    Lee W. Graber
1995    Michael A. Fuchs
1996    Jeffrey L. Schauder
1997    Arnold J. Hill
1998    James R. Hugg
1999    James W. Osborne
2000    Keith Levin
2001    Brian R. Jesperson
2002    Douglas K. Eversoll
2002 – 2003    Thomas M. Stark
2004    Stephen C. Roehm
2005    Michael J. Inda
2006    James G. Klarisch
2007    Stephen F. Litton
2008    Michael S. Hipp
2009    Brent E. Larson
2010    John S. Kanyusik
2011    Jacqueline M. Miller
2012    Babette Cohen
2013    Ross Crist
AAO CE Manager
You may now log onto the AAO website (aaoinfo.org) to keep your CE credit history or print a CE certificate. Following log-in, there is a link directly to CE Manager. (Scroll down to the bottom of the page and click on CE Manager in the Tools column.) You may choose your sessions one at a time from a dropdown list. You can then print a certificate for the entire meeting. Anyone with an AAO account may enter CE credits during or after the GLAO-MSO Annual Session. For assistance with the AAO CE Manager, call AAO at 800-424-2841.

Plan to attend these Future Annual Sessions

**Great Lakes Association of Orthodontists**
- 2015: September 24–26, Grand Rapids, MI
- 2016: September 22–25, Phoenix, AZ

**Midwestern Society of Orthodontists**
- 2015: October 9–10, Rochester, MN
- 2016: November 4–5, Chicago, IL

**Great Lakes Association of Orthodontists**
- 17 South High Street, Suite 200
- Columbus, OH 43215
- Phone: 614-221-5720
- Fax: 614-221-1989
- www.glao.org
- e-mail: GLAO@AssnOffices.com

**Midwestern Society of Orthodontists**
- 3260 Upper Bottom Road
- St. Charles, MO 63303
- Phone 636-922-5551
- Fax 636-447-8060
- www.msortho.org
- e-mail: msortho@charter.net
Change my hair... that’s temporary
Change my smile... that’s forever

- Brilliant aesthetics
- Predictable consistent debonding with unique stress concentrator
- Trusted strength and small bracket design
- Enhanced patient comfort
- Available in MBT™ Appliance System and Roth™ prescriptions

Let your patient’s smile shine through in every way with Clarity™ ADVANCED Ceramic Brackets

Contact your 3M Unitek Sales Representative at (800) 423-4588 to help make that change

© 3M 2014. All rights reserved. 1409
*3M Unitek version of this prescription. No endorsement by the Doctor is implied. APC, Clarity and MBT are trademarks of 3M.