

MIDWESTERN SOCIETY OF ORTHODONTISTS (MSO)  
ROCKY MOUNTAIN SOCIETY OF ORTHODONTISTS (RMSO)



**OCT. 13-14, 2023 REGISTER NOW**  
**ROCHESTER, MINNESOTA**

## FRIDAY, OCTOBER 13

DOCTOR-STAFF LECTURE 8:30 a.m.–4:30 p.m.

8:30 a.m. – Noon



### Dr. Patrick Briscoe

*Dr. Briscoe received a B.S. in General Science from Harding University, while majoring in marketing, and both his D.D.S. degree and specialty certification in orthodontics and dentofacial orthopedics from the University of Missouri-Kansas City School of Dentistry. He is a partner at Sherman and Briscoe Orthodontics in Longview, Texas and also a partner in DevRight, a professional speaking development company.*

**Sponsored by American Orthodontics**

### Fuel Your Passion

Many orthodontic offices suffer from a narrative void, a vacant space that occurs inside an organization when there is no story, brand, or culture to keep them aligned. As an orthodontic team, you focus on brackets and bands and neglect the story that you present to your patients. To create a positive environment and keep your team aligned, you must identify who your patients are and their internal fears and desires. Knowing this, you can create a story, brand and culture that is easy for your team and patients to thrive in. Learning objectives:

- Learn who your patient really is, what their real problem is, and what they want
- Learn how you can be the guide for your patients, walking them through a journey to something better
- Learn how to develop and deliver a plan of action in a consistent and concise manner
- Learn how to develop and execute direct and transitional call to actions to prompt your patients to act on their desire
- Learn what failure and success look like in your patient's eyes
- Wrap all the above lessons into a cohesive brand that presents you as the guide and your patients as the hero, creating a story, brand, and culture that is clear, concise, and easy for your patients and team to thrive

1:00 p.m. – 1:45 p.m.



### Dr. Tom Salinas

*Dr. Salinas is Professor and Chair of Dentistry at Mayo Clinic, where his time is dedicated to rehabilitation of patients with complex care needs. He is a fellow of the American College of Prosthodontists, past president of the American Academy of Maxillofacial Prosthetics, Fellow of The Academy of Prosthodontics, and a Diplomate of the American Board of Prosthodontics.*

### The Role of the Orthodontist in Reconstruction of Tumor Ablative Defects of the Jaws

The increasing demand for surgical reconstruction of the jaws has prompted a heightened synergy between

prosthodontists, orthodontists, and surgical specialists. Although rooted in traditional concepts, the approach taken in recent years is of digital perspective with placing osseous flaps into optimal spatial orientation with the use of conventional and extended length dental implants. Outcomes of these patients will continue to serve as a reference to determine the efficacy of these modes of therapy. Learning objectives:

- Identify factors that are integral to reconstruction of the maxilla and mandible based on biomechanics/physiologic need
- Understand the rationale and advantages of using orthodontics reconstruction of maxillary and mandibular defects
- Understand the steps needed for imaging and spatial requirements to create surgical guides and specific products that facilitate orthognathic maxillofacial reconstruction
- Compare the advantages in using 3 dimensional reconstructive planning over traditional techniques for optimal outcomes

1:45 p.m. – 2:30 p.m.



### Dr. Kristen Lowe

*Dr. Lowe is a Board Certified craniofacial orthodontist. She graduated with honors from University of California, Los Angeles School of Dentistry. Thereafter, she completed her orthodontics residency and Master of Science degree at Columbia University. Following residency, she became one of the few orthodontists to complete a fellowship in Craniofacial and Special Care Orthodontics at NYU Langone Medical Center and was awarded the Craniofacial Anomalies and Special Care Training Award by the American Association of Orthodontists upon completion of her training. In 2018, she was recruited by the University of Colorado School of Medicine to establish the Craniofacial Orthodontics program at Children's Hospital Colorado and serves as an Assistant Professor in the Division of Plastic and Reconstructive Surgery. She also maintains a private practice in Denver, Colorado.*

**Sponsored by Partners Dental Studio**

### Orthodontic Management of Cleft Lip and Palate

Attendees of this lecture will gain a broad overview of the etiology and care for patients with cleft lip and palate. Emphasis will be placed on key considerations for the practicing orthodontist when managing this patient population and how digital techniques have increased the accuracy and efficiency of both surgical and orthodontic treatment planning and delivery. Learning objectives:

- Review the etiology of cleft lip and palate (CLP)
- Understand the surgical and orthodontic treatment timeline for patients with CLP
- Discuss how modern advances in orthodontics have improved treatment outcomes for patients with CLP

3:00 p.m. – 4:30 p.m.



### Dr. Derek Steinbacher

*Dr. Steinbacher is an Aesthetic Plastic Surgeon, Rhinoplasty, Craniofacial, and Oral/Maxillofacial Surgeon. He is author of the textbook "Aesthetic Orthognathic Surgery and Rhinoplasty." He has served as the Chief of Oral and Maxillofacial Surgery at Yale, Professor of Plastic Surgery, and Chair of Dentistry. Dr. Steinbacher obtained his MD from Harvard Medical School and his DMD from the University of Pennsylvania, both with honors. He received fellowship training in craniofacial surgery from Children's Hospital of Philadelphia, completed the plastic and reconstructive surgery program at Johns Hopkins Hospital, and trained in oral/maxillofacial and general surgery at Massachusetts General Hospital.*

### Aesthetic Optimization of Orthognathic Surgery

The lecture will focus on the aesthetic optimization of orthognathic surgery, and include comprehensive assessment of the face, facial bones, soft-tissue, nose, and TMJs. The orthodontic – orthognathic treatment protocols will also be discussed. Learning objectives:

- Better understand the contributors to facial imbalances, including dental, skeletal, and soft tissue
- Impart concepts relating to the repositioning of the maxillofacial skeleton to achieve the best functional and aesthetic results
- Have an appreciation for plastic surgery adjunct – used in conjunction with orthognathic surgery, to give outstanding aesthetic and functional results

## SATURDAY, OCTOBER 14

DOCTOR-STAFF LECTURE 9:00 a.m.–3:40 p.m.

9:00 a.m. – 9:50 a.m.



### Dr. Sherry Chesak

*Dr. Chesak is a Professor of Nursing at the University of Minnesota and a Nurse Scientist in the Division of Nursing Research at Mayo Clinic. Her program of research is centered on care for the caregiver, primarily focused on mindfulness-based interventions to enhance resilience among both professional, and family caregivers of patients with complex health needs.*

### A Mindful Approach to Building a Resilient Healthcare Workforce: Evidence Based Methods for Engendering Individual and Team Resilience

There are multiple contemporary factors that contribute to stress and burnout among healthcare providers, which have dire consequences at both the personal and professional level, as well as on safe, effective client care. This presentation will include a description of the lived experience of burnout; individual, team and system factors that contribute to burnout; and evidence-based methods



for engendering resilience in the face of adversity.  
Learning objectives:

- Describe the lived experience of burnout among healthcare workers
- Identify contemporary factors that contribute to burnout and its impact on professional practice
- Develop skills which enhance both individual and team resilience
- Reflect on the effectiveness of resilience-promoting practices for managing stress

#### 9:55 a.m. – 10:45 a.m.



##### Dr. S. John Weroha

*Dr. Weroha is a medical oncologist specializing in treating GYN oncology patients, running clinical trials, and developing new therapies in the lab for translation into clinical trials. He has 16 years of experience treating patients at Mayo Clinic and learning from treasured shared experiences.*

#### Cancer Patients and the Lessons They Taught Me

Over more than a decade as a medical oncologist, patients have been the best teachers of what it means to be a clinician. Some of the most important lessons involve topics such as happiness, compromise, and life. Although the patients seen in orthodontic and oncology practices may be markedly different, I hope our stories can bring new perspectives or shared experiences to your own practice, and life. Learning objectives:

- Learn how medical oncologists assist patients' needs by providing treatment and emotional support
- Discover what Dr. Weroha has learned from his patients
- Understand how the lessons that clinicians learn from patients will help live our lives to the fullest

#### 11:10 a.m. – Noon



##### Dr. Shelagh A. Cofer

*Dr. Cofer is a pediatric otolaryngologist with specialty interest in complex pediatric otolaryngology conditions and/or medically complex patients with common ORL problems.*

*She directs Mayo's Pediatric Otolaryngology Division, the Aerodigestive Clinic, and the Velopharyngeal Insufficiency Clinic. She received her MD from the University of Illinois College of Medicine at Chicago.*

#### Intersection of Dental Specialties with Surgical Care of Individuals with Oral Clefting

Learning Objectives:

- Learn about the ways that orthodontic and prosthodontic skills benefit patients and surgeons who care for individuals with cleft lip and/or palate
- Describe the stages of cleft care and how the needs of the collaboration among specialists changes longitudinally
- Review specific cases when dental specialty care improved patient outcome

#### 1:00 p.m. – 1:50 p.m.



##### Dr. Ki Beom Kim

*Dr. Kim is a Professor, Dr. Lysle Johnston Endowed Chair in Orthodontics, and the Program Director in the Orthodontic Department, Center for Advanced Dental Education at Saint Louis University. He is a Diplomate*

*of the American Board of Orthodontics and a Diplomate of the American Board of Orofacial Pain. He received his dental training in South Korea, finished three years of Oral Medicine training, received his Ph.D. in Orofacial Pain, and completed his orthodontic training at Vanderbilt University Medical Center. He has written three textbooks, two of them are related to OSA treatment.*

#### Maxillomandibular Expansion for Obstructive Sleep Apnea (OSA) Patients

Maxillomandibular Advancement (MMA) is considered the most effective surgical procedure for treating OSA in adults. Most of the patients who undergo MMA need maxillary expansion together. However, the amount of maxillary expansion is limited by the mandibular arch. Increasing mandibular inter-canine width by archwire expansion is considered not stable. Mandibular midline distraction osteogenesis (MSDO) is a surgical technique that widens the mandible by incremental traction and gradually separates the mandibular symphysis in patients with severe mandibular transverse discrepancies. MSDO along with MMA can be a solution to overcome obstacles related to severe transversal problems with OSA. This presentation will review the current evidence regarding the MMA and MSDO, and present the possibility to improve the treatment effect for adult OSA patients. Learning objectives:

- Understand the different types of mandibular midline distraction appliances
- Recognize the dental and skeletal treatment effects of maxillomandibular expansion
- Develop the treatment strategy to utilize maxillomandibular expansion for OSA adult patients

#### 1:55 p.m. – 2:45 p.m.



##### Dr. Robin Lloyd

*Dr. Lloyd is a Pediatric Sleep Medicine physician at Mayo Clinic. She enjoys caring for children with sleep disorders and believes orthodontic care can be integral to the management of obstructive sleep apnea.*

#### Pediatric Obstructive Sleep Apnea

Pediatric obstructive sleep apnea (OSA) is a significant clinical problem that is most likely underdiagnosed and undertreated. It is associated with behavioral, neurocognitive and cardiometabolic difficulties. Vigilance in screening and treatment of OSA is important, especially with increasing obesity rates in childhood. Orthodontists can play an important role in screening and treating OSA. Learning objectives:

- Describe general characteristics of pediatric obstructive sleep apnea (OSA)
- Identify physical and neurocognitive features associated with OSA
- Review appropriate screening, evaluation, and treatment of OSA in children

#### 2:50 p.m. – 3:40 p.m.



##### Dr. Brent Larson

*Dr. Larson serves as Professor and Director of the Orthodontic Division of University of Minnesota. He previously served in an academic position at Mayo Clinic and also spent many years as part of a private practice*

*group in Rochester, Minnesota. He is a dental graduate of the University of Minnesota and completed his orthodontic training at the University of North Carolina. He has lectured and published widely, is a co-author of the "Contemporary Orthodontics" textbook, and served as the 2009 president of the Midwestern Society of Orthodontists president and 2019 president of the American Association of Orthodontists.*

#### To Print or Not To Print: That is the Question

The rapid adoption of 3D printing in the orthodontic office has been driven by several technology advances and significant promotion by various individuals and companies. As orthodontic practice evolves with increased emphasis on aligner treatment, each practitioner, or office, is faced with the decision of whether to invest in 3D printing capability in their practice. The goal of this course is to provide insight and perspective into the benefits and challenges of in-office 3D printing so that an informed decision can be made. Learning objectives:

- Learn general concepts of 3D printing in the orthodontic office
- Gain an understanding of the digital workflow required, and the challenges involved in creating in-office aligners
- Identify the space and time commitment needed to implement in-office 3D printing

Go to  
**www.msortho.org**

for registration &  
hotel reservation link.

**636-745-3008**  
**association.info@icloud.com**

## NETWORKING EVENTS

### FRIDAY, OCTOBER 13

**EXHIBIT HALL** Connect with your reps and see the showcase of the latest technology, products, and services displayed in table top exhibits where complimentary breakfast, lunch, breaks, and a Friday night post-lecture reception will be hosted.



**WELCOMING DESSERTS RECEPTION** Network with your colleagues and experience the heart of the downtown Mayo Clinic campus with this after-dinner beverage and desserts reception held at the iconic Gonda Building's Nathan Lindow Atrium. Background music featuring the iconic grand piano in the lobby will be provided by MSO favorites **Dr. John Crawford, Sue Crawford, and Dr. Paul Hermanson**. Make a dinner reservation on your own to experience one of the many fine restaurants in downtown Mayo and join us afterward to experience more Midwest hospitality.

### SATURDAY, OCTOBER 14

**EXHIBIT HALL** The schedule includes more time to network and discover new products until the conclusion of the complimentary lunch in the hall.

**BREAKFAST WITH AAO** Members are invited to connect with your AAO staff and learn the latest professional updates with their sponsored continental breakfast.

*Sponsored by the American Association of Orthodontists*

#### MSO ANNUAL BUSINESS MEETING

MSO members and spouse/guests are encouraged to come to congratulate **Dr. Brian Jespersen** of North Dakota as he is presented the Earl E. Shepard Distinguished Service Award.

**RMSO ANNUAL BUSINESS MEETING** RMSO members will receive additional info later.

## SCHEDULE AT A GLANCE

### FRIDAY, OCTOBER 13

6:30 a.m. – 7:30 a.m. Exhibitor Set-up

7:00 a.m. – 4:30 p.m. Registration Open

#### 7:30 a.m. – 5:30 p.m. Exhibits Open

7:30 a.m. – 8:30 a.m. Continental Breakfast *Sponsored by MN Assoc. of Orthodontists*

10:00 a.m. – 10:30 a.m. Break in Exhibits *Sponsored by BOND Orthodontic Partners*

Noon – 1:00 p.m. Lunch in Exhibits

2:30 p.m. – 3:00 p.m. Break in Exhibits

4:30 p.m. – 5:30 p.m. Reception in Exhibits

8:15 a.m. – 8:25 a.m. American Board of Orthodontics Update

#### 8:30 a.m. – 4:30 p.m. DOCTOR/STAFF LECTURES

8:30 a.m. – 10:00 a.m. } **Dr. Patrick Briscoe** *Sponsored by American Orthodontics*

10:30 a.m. – Noon } **Dr. Tom Salinas**

1:00 p.m. – 1:45 p.m. **Dr. Kristen Lowe** *Sponsored by Partners Dental Studio*

1:45 p.m. – 2:30 p.m. **Dr. Derek Steinbacher**

3:00 p.m. – 4:30 p.m.

12:30 p.m. – 12:50 p.m. Missouri Society Meeting  
*Dinner on own*

8:00 p.m. – 10:00 p.m. **Welcoming Desserts Reception at Mayo Clinic**

### SATURDAY, OCTOBER 14

7:00 a.m. – 3:40 p.m. Registration Open

#### 7:00 a.m. – 7:50 a.m. Breakfast with AAO

*Sponsored by American Association of Orthodontists*

#### 8:00 a.m. – 1:00 p.m. Exhibits Open

8:00 a.m. – 8:45 a.m. Continental Breakfast

10:45 a.m. – 11:10 a.m. Break in Exhibits

Noon – 1:00 p.m. Lunch in Exhibits

8:00 a.m. – 8:45 a.m. MSO & RMSO Annual Business Meetings

9:00 a.m. – 11:00 a.m. MSO/RMSO Council on Orthodontic Education

#### 9:00 a.m. – 3:40 p.m. DOCTOR/STAFF LECTURES

9:00 a.m. – 9:50 a.m. **Dr. Sherry Chesak**

9:55 a.m. – 10:45 a.m. **Dr. John Weroha**

11:10 a.m. – Noon **Dr. Shelagh Cofer**

1:00 p.m. – 1:50 p.m. **Dr. Ki Beom Kim**

1:55 p.m. – 2:45 p.m. **Dr. Robin Lloyd**

2:50 p.m. – 3:40 p.m. **Dr. Brent Larson**

Noon – 1:00 p.m. MSO Past Presidents Lunch

1:00 p.m. – 3:00 p.m. Exhibitor Move-out

Events and times are subject to change.

**Bold** type indicates general events included in the full lecture registration package.

## THANK YOU SPONSORS! As of 5.1.2023

### SILVER SPONSORS



### BRONZE SPONSORS



## ADA CERP® Continuing Education Recognition Program

The Midwestern Society of Orthodontists is an ADA CERP Recognized Provider 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 Midwestern Society of Orthodontists designates this activity for up to 11 continuing education credits.**



**Drs. Nellie Kim-Weroha**, president of the Midwestern Society of Orthodontists (MSO), and **Kristen Lowe**, president of the Rocky Mountain Society of Orthodontists (RMSO), invite you to be a part of the first combined meeting of both AAO regional constituent organizations!

A special thanks to Planning Committee leaders **Drs. Deborah Lien**, MSO, and **John DuRussel**, RMSO, for putting together this unique meeting that includes a number of Mayo Clinic consultants presenting short lectures on a variety of healthcare issues to help your patients Discover Wellness Beyond Healthy Smiles.

**Take advantage of the Mayo Executive Health Program offered as a member benefit with this unique meeting by scheduling an appointment any time through 2023 by emailing [himle.alysa@mayo.edu](mailto:himle.alysa@mayo.edu) or call 507-284-8582.**

**Go to [www.msortho.org](http://www.msortho.org)  
for registration & hotel reservation link.**

**636-745-3008 / [association.info@icloud.com](mailto:association.info@icloud.com)**



**Take these easy steps to bring your staff team to this historic meeting during the peak of fall colors in Minnesota:**

### **1. RESERVE YOUR HOTEL at Hilton Rochester Mayo Clinic Area.**

10 East Center St., Rochester, Minnesota • 507-258-5757  
Use the online link posted on [www.msortho.org](http://www.msortho.org) or call the hotel using the code OAS to obtain the discounted MSO/RMSO group rate of \$199 (single/double/triple/quad plus applicable taxes) per room per night based on first-come, first-served availability by September 19, 2023. Reservations received after are on a space and rate available basis.

### **2. MAKE YOUR TRAVEL PLANS.**

If flying, you may choose to fly into Rochester International Airport (RST) (located seven miles from downtown) or Minneapolis/St. Paul International Airport (MSP) (located 90 miles away and serviced by a broader selection of airlines).

There are several convenient and cost-effective shuttle services that run to/from both airports and Mall of America. MSO members have successfully utilized the Rochester SHUTTLE Service that runs seven days a week. Contact 888-998-9098 or book online: <https://rochestershuttleservice.com>.

### **3. REGISTER YOUR STAFF TEAM**

Use the online registration link posted on [www.msortho.org](http://www.msortho.org) or for ?s: [www.msortho.org](http://www.msortho.org) • [association.info@icloud.com](mailto:association.info@icloud.com) • 636-745-3008

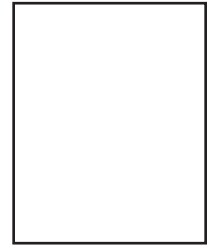
Registration Fees:	By 8/15	8/16-Onsite
MSO/RMSO/AAO/WFO Member	\$475	\$525
AAO Member Resident	\$200	\$225
Staff, Spouse/Guest (includes lectures)	\$295	\$345
Non-member	\$670	\$725

Registration Includes: 2 continental breakfasts, 2 lunches, 3 breaks, and 2 receptions Friday: exhibit hall reception after lectures and Welcoming Desserts Reception after dinner on your own.

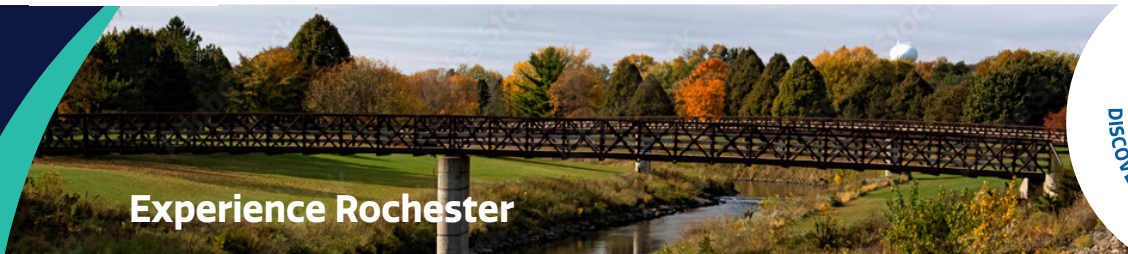
Registration Cancellation/Refund Policy: A full refund will be issued for cancellations received through September 14, 2023. A refund of 50% will be issued for cancellations received through October 2, 2023. No refunds after October 2, 2023.



Midwestern Society of Orthodontists  
2131 Meadow Valley Dr.  
Innsbrook, MO 63390



Go to [www.msortho.org](http://www.msortho.org) to register for the MSO–RMSO 2023 Annual Session today.



## Experience Rochester



Located 90 minutes south of the Twin Cities of Minneapolis and St. Paul, Rochester consistently rates as one of the best cities to live in the U.S. It is the site for the original and largest Mayo Clinic campus where patients have come for care from around the world for more than 100 years. Options to enjoy on your own include:

- **Mayo Art Tours** are led by volunteers at 2:00 p.m. Monday – Friday and last one hour. The tour is limited to six participants and starts and ends at Heritage Hall in the Mathews Grand Lobby of the Mayo Building. For info call 507-284-5520.

### Take self-guided tours of Mayo Clinic:

- See multimedia displays on Mayo's history and future plans in the Heritage Hall in the Mathews Grand Lobby of the Mayo Building (M-F 8:00 a.m. – 5:00 p.m.).
- Stop by the Plummer Building (M-F 9:00 a.m. – 4:00 p.m.), designated as a National Historic Landmark that serves as an iconic symbol of Mayo Clinic, to see the Mayo Historical Suite that includes the offices of Drs. William J. and Charles H. Mayo on the third floor.

- Tour brochures are available at the **Mayo Clinic Hospital, Saint Marys Campus** information desk from between 8:00 a.m. – 8:30 p.m. for a self-guided tour of the hospital.
- See displays highlighting Mayo research at the **Mayo Clinic Research Information Center** in the lobby of the Gonda Building (location for Friday evening's reception).

- Purchase tickets in advance for a guided tour of the **Mayowood Mansion** and walk around the **History Center of Olmsted County Museum** – go to [www.olmstedhistory.com](http://www.olmstedhistory.com).
- Hop on a **Rochester Trolley Tour** – Go to [www.rochestermtours.com](http://www.rochestermtours.com) for a wonderful way to experience the historic city and country winery tours.
- Visit the **Rochester Art Center** that is within walking distance of the hotel.
- Experience the **local flavor** with the city offering diverse local restaurants and 11 vineyards and wineries nearby.