

Connecting People; Enriching Lives



**Western
Orthopaedic
Association**

88th Annual Meeting

August 7-10, 2024

Hyatt Regency Huntington Beach
Huntington Beach, CA

Preliminary Program

Guest Speakers



PRESIDENTIAL GUEST SPEAKER
Milton "Chip" L. Routt, MD

Dr. Andrew R. Burgess Endowed Chair
and Professor in the Department of
Orthopedic Surgery, McGovern
Medical School at UTHealth



HOWARD STEEL LECTURER
David Logan, PhD

Co-founder and President of
CultureSync, adjunct professor at the
USC Marshall School of Business, and
New York Times bestselling author



Accreditation Information

PROGRAM COMMITTEE

The Western Orthopaedic Association gratefully acknowledges these orthopaedic surgeons for their contribution to the development of the Scientific Program:

Nathanael D. Heckmann, MD, Co-Chair
Eric W. Tan, MD, Co-Chair
Basil R. Besh, MD
David H. Chafey III, MD
Justin M. Haller, MD
Cynthia M. Kelly, MD
Kathryn Schabel, MD
John A. Scolaro, MD
Jennifer van Warmerdam, MD

MISSION

The Western Orthopaedic Association (WOA) is a physician organization composed of orthopaedic surgeons in practice in the western region of the United States. Its mission is to help ensure that people in the western region of the United States receive high quality ethical care by providing orthopaedists with educational programs, opportunities to foster collegiality and ways to influence health policy.

TARGET AUDIENCE

The 88th Annual Meeting of the Western Orthopaedic Association has been developed primarily for orthopaedic and trauma surgeons and allied health professionals with a practice profile that is exclusively musculoskeletal.

CME ACCREDITATION

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of the American Academy of Orthopaedic Surgeons and the Western Orthopaedic Association. The American Academy of Orthopaedic Surgeons is accredited by the ACCME to provide continuing medical education for physicians.

The American Academy of Orthopaedic Surgeons designates this WOA Annual Meeting, August 8-10, 2024 to be held in Huntington Beach, California for a maximum of 22.25 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

- * 15.25 CME Credits for Scientific Program
- * 7 CME Credits for Scientific E-Poster Sessions

CEC CREDIT

Physician's Assistants can receive up to 22.25 credit hours toward Continuing Education Credits. AAPA accepts American Medical Association Category 1, Level 1 CME credit for the Physician's Recognition Award from organizations accredited by the ACCME.

PURPOSE

Exchange of scientific information is vital to continuing professional development. The Program Committee of the WOA has selected multiple research papers and invited nationally respected speakers to present practice-related techniques and findings in orthopaedic surgery that cover a breadth of topics in a variety of orthopedic specialty areas.

OBJECTIVES

Educational objectives in multiple orthopaedic subfields including Hip and Knee Arthroplasty, Orthopaedic Trauma, Sports Medicine, Hand

continued on p. 3



President's Message Jay R. Lieberman, MD

Dear Colleagues,

It is my pleasure as President of the Western Orthopaedic Association to invite you and your family to join us for the WOA's 88th Annual Meeting, at the Hyatt Regency Huntington Beach Resort and Spa Hotel in Huntington Beach, California. This beautiful resort is just steps from the beach, with many rooms having direct ocean views. There are two swimming pools (including one with three slides for children of all ages), as well as a grotto with three different-sized jacuzzis for those 18 and older. We expect to see beautiful, early-August Southern California weather. This could be a great opportunity to learn more about orthopaedic surgery, mingle with old friends, make new ones, and have a wonderful family vacation.

We have completely revamped the Annual Meeting's Scientific Program under the leadership of Nathanael Heckmann, MD and Eric Tan, MD. Each morning, there will be subspecialty-oriented Instructional Course Lectures that will run as concurrent sessions, and you will be able to tailor your schedule based on your subspecialty interest. Symposia will focus on a variety of topics, including: biologic treatment of early knee osteoarthritis, infection prevention, enhancing revenue generation in your practice, creating sustained success in private or academic practice, and tips and tricks for successful management of hip fractures. In addition, we will have two sets of Rapid Fire presentation each day, which will allow residents and junior faculty to present their research in a small group atmosphere that fosters interaction.

Finally, this year we are fortunate to have a terrific Presidential Guest Speaker – Milton "Chip" Rountt, Jr., MD, Professor of Orthopaedic Surgery at UT Health Houston. Dr. Rountt will be giving a lecture that everyone will want to hear, entitled "What I've Learned in Having Cancer and 30 Years as a Trauma Surgeon." Our Howard Steel Lecturer will be Dr. David Logan, Professor at the USC Marshall School of Business, who will speak to us about his research related to tribalism, which is clearly a relevant topic today.

The resort is just a short ride from the John Wayne Airport. Disneyland is approximately 20 miles away, and the US Surfing Championships will be held just a few blocks from the hotel during the same weekend. We think this will be a terrific meeting for both you and your family, and I look forward to seeing you in Southern California in August.

Jay Lieberman

Jay R. Lieberman MD
President, Western Orthopaedic Association
Connecting people; Enriching lives





Presidential Guest Speaker Milton "Chip" L. Routt, MD

Dr. Andrew R. Burgess Endowed Chair and Professor in the Department of Orthopedic Surgery, McGovern Medical School at UTHealth

Dr. Milton (Chip) L. Routt, Jr, MD is the 2024 Presidential Guest Speaker. Dr. Routt is the Dr. Andrew R. Burgess

Endowed Chair and Professor in the Department of Orthopedic Surgery at McGovern Medical School at UTHealth Houston, The Texas Trauma Institute, and Memorial Hermann Hospital – Texas Medical Center. He currently serves as the President of the Surgeon's Council and Co-Chairman of the Quality Assurance Committee, and on the Medical Executive Committee at Memorial Hermann Hospital – Texas Medical Center.

Dr. Routt is a native of Chappell Hill, Texas, graduating Summa Cum Laude from Texas A&M University. Following medical school at the University of Texas Medical Branch in Galveston, he completed a Surgical Internship and Orthopaedic Residency at Vanderbilt University. His Orthopaedic Traumatology fellowship was at the University of Washington's Harborview Medical Center. He remained there as faculty from 1989 through 2012.

Dr. Routt has published over 100 peer-reviewed articles, as well as numerous other educational contributions including book chapters. He is best known as a tireless and devoted physician-surgeon, and passionate teacher.

Dr. Routt has received a variety of awards including the 2019 Leonard Tow Award for Humanism and Education, 2018 MHH Physician of the Year, Orthopedic Resident Teaching awards at UT Houston and the University of Washington, and the Jack McDaniels Traveling Fellowship. Dr. Routt is an Ashbel Smith Distinguished Alumnus of UTMB and a Distinguished Alumnus of Brenham High School. He has directly mentored, educated, and hosted 100s of orthopaedic traumatologists from the United States and Canada, and from across the globe. He is recognized nationally and internationally for his work with pelvic and acetabular injuries.



Howard Steel Lecturer David Logan, PhD

Co-founder and President of CultureSync, adjunct professor at the USC Marshall School of Business, and New York Times bestselling author

The WOA is pleased to have Dr. David Logan as the Howard Steel Lecturer for our 88th Annual Meeting. Co-founder and President of CultureSync, adjunct professor at the USC Marshall School of Business, and New York Times bestselling author.

CultureSync is a management consulting firm focused on the intersection of strategy and culture. CultureSync has consulted dozens of Fortune 500 companies, major nonprofits, and governments around the world. Dr. Logan has been on the USC faculty since 1996 and has a Ph.D. in Organizational Communication from the Annenberg School at USC.

Dr. Logan has authored or co-authored six books, including the bestsellers *Tribal Leadership* and *The Three Laws of Performance*.

Accreditation Information continued

Surgery, and Foot/Ankle Surgery will be addressed through a combination of symposia, research paper presentations, Poster and E-Posters. After reviewing the annual needs assessment, the Program Committee of the WOA has created a program for 2024 that will afford Orthopaedic Physicians and their Allied Health Professional Colleagues the opportunity to:

1. Foster a collegial and stimulating exchange of ideas between the research presenters, symposia faculty, and attendees through podium and rapid fire paper presentations, instructional symposia, case-based discussions, multimedia educational sessions, Poster and E-Poster exhibits.
2. Describe and employ an outcome-based rationale for the treatment of both common and complex orthopaedic conditions.
3. Discuss the current procedures and trends in the treatment of degenerative and traumatic musculoskeletal conditions with non-operative management or operative intervention, as required, be that using arthroscopic or open procedures.
4. Increase knowledge and facility in managing frequently encountered hand, foot, and ankle disorders.
5. Critically assess the utility of recently introduced orthopaedic procedures.
6. Describe and discuss methods to maximize patient safety and minimize complications.
7. Review current controversies in pain control for orthopedic conditions.

DISCLAIMER

The products, procedures, and opinions presented at this meeting reflect the viewpoint or approach of the presenter only and are not to be attributed to the Western Orthopaedic Association. The Western Orthopaedic Association presents such material for informational purposes only and does not endorse any such product or the content of any such presentation.

FORMAT

The educational sessions will be held Thursday, Friday and Saturday August 8-10, from approximately 7:25 am until 3:00 pm.

SCIENTIFIC POSTER/E-POSTER SESSIONS

Scientific Posters/E-Posters are an important feature of the WOA Annual Meeting. Posters/E-Posters will be on display each day of the Scientific Program and Poster/E-Poster presenters will be available to answer questions before and after the Scientific Program Sessions. Please note on the Scientific Program Schedule the designated times the Posters/E-Poster presenters will be available for discussion.

PHYSICIAN REGISTRATION FEE

Registration covers the Scientific Program Sessions, Syllabus, Daily Continental Breakfasts and Coffee Breaks, General Meeting Expenses, Scientific Poster/E-Poster Sessions, Welcome Dinner, Exhibitor Reception and Family Gala Dinner Dance.

- 6:30 am – 7:30 am **Scientific Poster/E-Poster Session**
(Presenters are available to answer questions)
- 7:15 am – 7:25 am **First Business Meeting**
Jay R. Lieberman, MD, President
- 7:25 am – 7:30 am **Welcome, Announcements & Overview**
Nathanael D. Heckmann, MD, Keck School of Medicine of USC
Eric W. Tan, MD, Keck School of Medicine of USC

Rapid Fire Sessions 1A-1E

- 7:35 am – 8:05 am Abstract Presentations
- 8:05 am – 8:25 am **Focused Breakfast Presentation**
*CME not available
- 8:35 am – 8:55 am **Break – Please Visit Exhibits**

Symposium 1 – Creating Sustained Success in Academic or Private Practice

- Moderator: Darrel S. Brodke, MD, University of Utah
- 8:55 am – 9:07 am Managing Up: Creating Synergy with the Health System
Jay R. Lieberman, MD, University of Southern California
- 9:07 am – 9:19 am Making the Health System Your Partner
Mark H. Getelman, MD, Southern California Orthopedic Institute
- 9:19 am – 9:31 am Recruitment, Retention, and Diversity: Keys to Long-Term Success
Paul Tornetta, MD, Boston Medical Center
- 9:31 am – 9:43 am Efficiency in Your ASC
William B. Stetson, MD
- 9:43 am – 9:55 am Discussion

Concurrent ICL 1A – Complex Shoulder Instability in the Young Athlete

- Moderator: Seth Gamradt, MD, Keck Medicine of USC
- 10:00 am – 10:10 am Remplissage – Evidence and Technique
Frank Petrigliano, MD, Keck Medicine of USC
- 10:10 am – 10:20 am Latarjet: Open vs. Arthroscopic
Michael B. Banffy, MD, Cedars Sinai Kerlan-Jobe Institute
- 10:20 am – 10:30 am Distal Tibial Allograft: When and How?
Seth Gamradt, MD, Keck Medicine of USC
- 10:30 am – 10:40 am Arthroscopic Bankart Repair: Tips and Tricks
Dean Wang, MD, University of California, Irvine
- 10:40 am – 11:00 am Discussion

Concurrent ICL 1B – Hot Topics in Hand Surgery

- Moderator: Fraser Leversedge, MD, University of Colorado
- 10:00 am – 10:10 am Wide Awake Hand Surgery
Luke T. Nicholson, MD, Keck Medicine of USC
- 10:10 am – 10:20 am Nerve Transfers in 2024
Fraser Leversedge, MD, University of Colorado
- 10:20 am – 10:30 am The Hand Surgeon's Role in Diagnosing Osteoporosis
Jeffrey Yao, MD, Stanford University
- 10:30 am – 10:40 am Cost-Effectiveness in Modern Hand Surgery
Brittany Garcia, MD, University of Utah

- 10:40 am – 11:00 am Discussion

Concurrent ICL 1C – Tibia Fracture Updates

- Moderator: Paul Tornetta, MD, Boston Medical Center
- 10:00 am – 10:10 am Is Suprapatellar the Best Way to Go?
Paul Tornetta, MD, Boston Medical Center
- 10:10 am – 10:20 am Metadiaphyseal Tibial Fractures: Nail, Plate, or Both?
Robert P. Dunbar Jr., MD, University of Washington
- 10:20 am – 10:30 am Timing of Open Fracture Fixation
John A. Scolaro, MD, University of California, Irvine
- 10:30 am – 10:40 am Management of Tibial Bone Defects
Julius A. Bishop, MD, Stanford University
- 10:40 am – 11:00 am Discussion
- 11:05 am – 11:25 am **Break – Please Visit Exhibits**
- General Session 1 – Presidential Guest Speaker** *CME not available
Moderator: Jay R. Lieberman, MD, University of Southern California
- 11:25 am – 11:30 am Introduction of the Presidential Guest Speaker
Jay R. Lieberman, MD, University of Southern California
- 11:30 am – 12:05 pm **What I've Learned in Having Cancer and 30 Years as a Trauma Surgeon**
Milton "Chip" L. Routt, MD, McGovern Medical School at UTHealth

- 12:05 pm – 12:35 pm **Focused Lunch Presentation** *CME not available

General Session 2 – Board Reports

- *CME not available
Moderator: Jay R. Lieberman, MD, University of Southern California
- 12:35 pm – 12:40 pm **OREF Report**
Lee Grossman, OREF
- 12:40 pm – 12:50 pm **ABOS Report**
Speaker TBD
- 12:50 pm – 1:05 pm **AAOS Report**
Paul Tornetta, MD, Boston Medical Center

Symposium 2 – Hip Fractures: Tips and Tricks for Successful Results

- Moderator: Milton "Chip" L. Routt, MD, McGovern Medical School at UTHealth
- 1:05 pm – 1:17 pm Management of Intertrochanteric Hip Fractures
Paul Tornetta, MD, Boston Medical Center
- 1:17 pm – 1:29 pm Displaced Femoral Neck Fractures
Joseph T. Patterson, MD, Keck School of Medicine of USC
- 1:29 pm – 1:41 pm Indications for Hemiarthroplasty in 2024
Derek Ward, MD, University of California, San Francisco
- 1:41 pm – 1:53 pm When and How to Do a Total Hip Arthroplasty
Matthew P. Abdel, MD, Mayo Clinic
- 1:53 pm – 2:05 pm Discussion

Rapid Fire Session 2A – 2E

- 2:10 pm – 3:10 pm Abstract Presentations
- 3:10 pm – 4:40 pm **Scientific Poster/E-Poster Session**
(Presenters are available to answer questions)



6:30 am – 7:30 am **Scientific Poster/E-Poster Session**
(Presenters are available to answer questions)

7:25 am – 7:30 am **Announcements**
Nathanael D. Heckmann, MD, Keck School of Medicine of USC
Eric W. Tan, MD, Keck School of Medicine of USC

Rapid Fire Session 3A – 4E

7:30 am – 8:00 am Abstract Presentations

8:05 am – 8:25 am **Focused Breakfast Presentation**
*CME not available

8:35 am – 8:55 am **Break – Please Visit Exhibits**

Symposium 3 – Preventing Infections in Orthopaedic Surgery

Moderator: Javad Parvizi, MD, FRCS, Acibadem University, Istanbul

8:55 am – 9:07 am Total Joint Arthroplasty: 10 Steps to Prevent Infection
Javad Parvizi, MD, FRCS, Acibadem University, Istanbul

9:07 am – 9:19 am Preventing Infection in the Trauma Patient: Open Fracture Management
Joshua Gary, MD, Keck School of Medicine of USC

9:19 am – 9:31 am Shoulder Infection Update: Preventing Deep Infection in TSA
Christopher D. Joyce, MD, University of Utah

9:31 am – 9:43 am Minimizing Risk of Infection in The Spine Patient: Long-Instrumented Fusion to Microdiscectomy
Raymond J. Hah, MD, Keck School of Medicine of USC

9:43 am – 9:55 am Discussion

Concurrent ICL 2A – Acetabular Fractures and Pelvic Ring Injuries

Moderator: Milton “Chip” L. Routt, MD, McGovern Medical School at UTHealth

10:00 am – 10:10 am Avoiding and Salvaging Problems in Acetabular and Pelvic Surgery
John M. Garlich, MD, Cedars Sinai Medical Center

10:10 am – 10:20 am Which Pelvic and Acetabular Injuries Warrant Urgent Surgery
Augustine M. Saiz, MD, University of California, Davis

10:20 am – 10:30 am Handling Complex Related/Associated Injuries in Patients with Pelvic and Acetabular Trauma
Milton “Chip” L. Routt, MD, McGovern Medical School at UTHealth

10:30 am – 10:40 am Pelvic and Acetabular Technology Updates and Recent Advances
Philip K. Lim, MD, University of California, Irvine

10:40 am – 11:00 am Discussion

Concurrent ICL 2B – Foot and Ankle

Moderator: Eric Giza, MD, University of California, Davis

10:00 am – 10:10 am Ankle Fusion: Old Faithful (Open, Arthroscopic, MIS)
Thomas G. Harris, MD, UCLA-Harbor Medical Center

10:10 am – 10:20 am Ankle Replacement: The New Gold Standard?
Eric W. Tan, MD, Keck School of Medicine of USC

10:20 am – 10:30 am If it Can't Be Fixed, Make a New One? (Total Talus, Patient Specific Hemi Talus/Tibia)
Eric Giza, MD, University of California, Davis

10:30 am – 10:40 am Hindfoot Fusion and Limb Salvage: 3D-Printed Cage
Christopher D. Kreulen, MD, MS, University of California, Davis

10:40 am – 11:00 am Discussion

Concurrent ICL 2C – Complications and THA: Management and Treatment

Moderator: Jay R. Lieberman, MD, University of Southern California

10:00 am – 10:10 am The Draining Wound: The First Week
Nathanael D. Heckmann, MD, Keck School of Medicine of USC

10:10 am – 10:20 am Chronic Periprosthetic Joint Infection
Javad Parvizi, MD, FRCS, Acibadem University, Istanbul

10:20 am – 10:30 am Periprosthetic Fracture
Matthew P. Abdel, MD, Mayo Clinic

10:30 am – 10:40 am Instability following THA: Work-Up and Management
James Huddleston, MD, Stanford University

10:40 am – 11:00 am Discussion

11:05 am – 11:25 am **Break – Please Visit Exhibits**

11:25 am – 11:35 am **Presentation of the Blair Filler Award**
*CME not available

11:35 am – 12:05 pm **Focused Lunch Presentation** *CME not available

General Session 3 – Howard Steel Lecturer

*CME not available

Moderator: Jay R. Lieberman, MD, University of Southern California

12:05 pm – 1:00 pm **Tribalism**
David Logan, PhD, USC Marshall School of Business

Symposium 4 – Enhancing Revenue Generation in Your Practice

Moderator: Basil R. Besh, MD, FORM Hand, Wrist & Elbow Institute

1:00 pm – 1:12 pm Maximizing Your Coding
Randy Kautz, MBA, MHA, CPC, COC, CPC-I, Keck Medicine of USC

1:12 pm – 1:24 pm Partnering with Insurance Companies, New Payment Methods (Cost Containment)
Basil R. Besh, MD, FORM Hand, Wrist & Elbow Institute

1:24 pm – 1:36 pm An Orthopaedic Medicolegal Practice
Alexis E. Dixon, MD, OrthoLegal

1:36 pm – 1:48 pm Ancillary Services (DME/Imaging/ASC)
Amir Mostofi, MD, Risser Orthopaedic Group

1:48 pm – 2:00 pm Discussion

Rapid Fire Sessions 4A – 4E

2:05 pm – 3:05 pm Abstract Presentations

3:05 pm – 4:35 pm **Scientific Poster/E-Poster Session**
(Presenters are available to answer questions)

6:30 am – 7:30 am **Scientific Poster/E-Poster Session**

(Presenters are available to answer questions)

7:15 am – 7:25 am **Second Business Meeting**

Jay R. Lieberman, MD, Keck School of Medicine of USC

7:25 am – 7:30 am **Announcements**

Nathanael D. Heckmann, MD, Keck School of Medicine of USC
Eric W. Tan, MD, Keck School of Medicine of USC

Rapid Fire Session 5A – 5E

7:35 am – 8:05 am Abstract Presentations

8:10 am – 8:30 am **Focused Breakfast Presentation**

*CME not available

8:40 am – 9:00 am **Break – Please Visit Exhibits**

Symposium 5 – Biologics: To Infinity and Beyond!

Moderator: Jay R. Lieberman, MD, Keck School of Medicine of USC

9:00 am – 9:12 am Biologics: What You Need to Know

Constance Chu, MD, Stanford University

9:12 am – 9:24 am Stem Cell Therapy for Knee OA

Don Buford, MD, Texas Orthobiologics

9:24 am – 9:36 am PRP: Ready for Prime Time?

Jason Dragoo, MD, University of Colorado

9:36 am – 9:48 am Biologics: I See the Potential But I Need Better Data

Brian Feeley, MD, University of California, San Francisco

9:48 am – 10:00 am Discussion

Concurrent ICL 3A – Sports Knee

Moderator: Jason Dragoo, MD, University of Colorado

10:05 am – 11:05 am Presentations & Discussion (TBD)

Concurrent ICL 3B – Advanced Technology and Surgical Technique Updates

Moderator: Jeffrey C. Wang, MD, Keck School of Medicine of USC

10:05 am – 10:15 am Enabling Technology in Spine

Ram Kiran Alluri, MD, Keck School of Medicine of USC

10:15 am – 10:25 am Disc Arthroplasty

Jean-Jacques Abitbol, MD, California Spine Group

10:25 am – 10:35 am Artificial Intelligence in Spine Surgery

Raymond J. Hah, MD, Keck School of Medicine of USC

10:35 am – 10:45 am Endoscopic Spine Surgery

Don Young Park, MD, University of California, Irvine

10:45 am – 11:05 am Discussion

Concurrent ICL 3C – Hot Topics in Knee Arthroplasty

Moderator: James Huddleston, MD, Stanford University

10:05 am – 10:15 am Cementless TKA: Tips and Tricks and Patient Selection

Speaker TBD

10:15 am – 10:25 am Patella Resurfacing: Is it Necessary?

Lucas A. Anderson, MD, University of Utah

10:25 am – 10:35 am Unicondylar Knee Arthroplasty: When and How?

Kathryn L. Schabel, MD, Oregon Health & Science University

10:35 am – 10:45 am Same Day TKA: Patient Selection is Key

Christopher E. Pelt, MD, University of Utah

10:45 am – 11:05 am Discussion

11:05 am – 11:35 am **Lunch with Exhibitors**

General Session 4 – WOF Endowed Resident and Fellows Awards

Moderators: Nathanael D. Heckmann, MD, Keck School of Medicine of USC
Eric W. Tan, MD, Keck School of Medicine of USC

11:35 am – 12:35 pm **TOP Abstract Presentations**

General Session 5 – OREF/WOF Young Investigator Awards

Moderators: Nathanael D. Heckmann, MD, Keck School of Medicine of USC
Eric W. Tan, MD, Keck School of Medicine of USC

12:35 pm – 1:05 pm Award Presentations

Symposium 6 – That's Why They Call It Practice: Lessons Learned

Moderator: Susan Bukata, MD University of California, San Diego

1:05 pm – 1:17 pm The First Five Years: Trial By Fire
Bradley C. Johnson, MD, Huntington Orthopedics

1:17 pm – 1:29 pm I Blinked and It Was Ten Years
Eric I. Ferkel, MD, Southern California Orthopedic Institute

1:29 pm – 1:41 pm Managing An Ever-Changing Landscape: 20 Years in Practice
Michael Shepard, MD, Orthopaedic Specialty Institute

1:41 pm – 1:53 pm Retirement: You Need to Prepare Now
Richard D. Ferkel, MD, Southern California Orthopedic Institute

1:53 pm – 2:05 pm Discussion

Rapid Fire Session 6A – 6E

2:10 pm – 3:35 pm Abstract Presentations

3:35 pm – 4:35 pm **Scientific Poster/E-Poster Session**
(Presenters are available to answer questions)



Hyatt Regency Huntington Beach

Relax amid Pacific Ocean views and Spanish-inspired architecture at the Hyatt Regency Huntington Beach. Elevate your pool day in a newly refurbished cabana or work or relax in oversized guest rooms and suites. Enjoy a prime beachfront location that is perfect for multi-generation family gatherings and features outdoor wellness facilities, award-winning restaurants, family suites and our own Pacific Waters Spa. Soak up the sun on your California getaway and stay within a five-minute walk of Ten-Mile Beach, Huntington Beach Pier, and Pacific City.

Hotel Room Reservation and Rates

The WOA has reserved a block of hotel rooms for your convenience while attending the Annual Meeting and will hold these rooms until **July 15, 2024**. To make a reservation at the Hyatt Regency Huntington Beach, go online to www.woa-assn.org/annual-meeting and click the **Online Reservations** link or call **714-698-1234**.

Space is limited, so make your reservation early! Please mention that you are with the Western Orthopaedic Association to get the discounted rate.

Hotel Cutoff Date: July 15, 2024

Room Category

Rates

Standard/Garden View	\$395 per night
Partial Ocean View	\$425 per night
Oversized King Rooms	\$445 per night
Ocean View	\$455 per night

Confirmation: A hotel confirmation will be sent to you upon receipt of your reservation request.

Guarantee Policy: All reservations require a credit card to guarantee your reservation.

Room Cancellations: Must cancel reservations 72 hours prior to arrival to avoid a room cancellation charge.

Travel Information

Los Angeles International Airport (LAX) is about 38 miles away from The Hyatt Regency Huntington Beach. Orange County/John Wayne Airport (SNA) is about 13 miles away, Long Beach Airport (LGB) is 17 miles away.

Valet parking is \$49 per night or \$29 daily (up to 12 hours). Self-beach parking is available across the street at Huntington Beach City Parking but drivers must obtain an overnight parking pass from the hotel valet.

Wednesday, August 7th

12:00 pm – 5:00 pm **WOA Board of Directors Meeting**

12:00 pm – 5:00 pm **Meeting Registration**

12:00 pm – 5:00 pm **Exhibitor Setup**

12:00 pm – 8:00 pm **Speaker Ready Area**



Thursday, August 8th

6:30 am – 3:10 pm **Meeting Registration**

6:30 am – 8:00 pm **Speaker Ready Area**

6:45 am – 3:10 pm **Technical Exhibits, Continental Breakfast, Coffee Breaks and Daily Drawing**

7:15 am – 7:25 am **First Business Meeting**

7:30 am – 8:30 am **Yoga on the Beach**

Practice calming and rejuvenating yoga poses and stretching on the shore as the ocean lifts your senses. The soothing sound of the waves and soft sand create a tranquil environment for participants to connect with their breath, improve flexibility, and find inner peace while surrounded by the natural beauty of the beach. Mats, towels, and water provided.

Price: Included in registration fee (Min 16/Max 20 participants)



8:05 am – 8:25 am **Focused Breakfast Presentation** *CME credit not available

Price: Included in your registration

8:30 am – 10:00 am **Spouse/Guest & Child Hospitality at Pete's Sunset Grille**

Enjoy a continental breakfast with old friends and new, and welcome a guest from the Reptile Zoo accompanied by some amazing creatures!

Price: Included in registration fee OR \$40 per unregistered adult guest, \$20 per unregistered child (5-17 years)

12:05 pm – 12:35 pm **Focused Lunch Presentation** *CME credit not available

Price: Included in your registration

1:15 pm – 5:00 pm **Mission San Juan Capistrano/ Los Rios**

A staple activity in Orange County is exploring the Mission in San Juan Capistrano as well as the Los Rios District. This tour allows guests to visit and learn about the beginning of California through its Mission system and enjoy the charming town. Once arriving to the Mission, docents will lead the group on a one-hour tour of a portion of the 10½ acre facility. Beautifully landscaped courtyards, old adobe buildings, and a chapel adorned with an ornate altar are just a few of the sights you will see! After the tour, guests can explore the Los Rios District at their leisure. The District lies directly across the railroad tracks from the Capistrano Depot and is the oldest neighborhood in California. The 40 homes that remain here include three original adobe structures. While most of the homes are private residences, there are many local businesses to explore. This tour provides a relaxing and enchanting experience for locals and tourists alike. To walk the streets of the Los Rios District is to recapture the tranquility of the slower pace of life that existed prior to the turn of the century and before!

Price: \$75 per person (Includes transportation, tour & fees) Min 20/Max 30 participants



4:00 pm – 5:00 pm **Resident Program: Applying for Orthopaedic Fellowship**

4:00 pm – 5:00 pm **Medical Student Program: Matching to an Orthopaedic Residency Program**

5:00 pm – 6:00 pm **Resident & Medical Student Networking Reception**

6:30 pm – 9:30 pm **Welcome Dinner**

Catch up with colleagues and their families at this year's Welcome Dinner. Enjoy wonderful food and your favorite drinks from the open bar.

Attire: Resort casual (No jacket required)

Price: Included in registration fee OR \$100 per unregistered adult guest, \$50 per unregistered child (5-17 years)

Friday, August 9th

6:30 am – 8:00 pm **Speaker Ready Area**

6:55 am – 3:05 pm **Meeting Registration**

6:55 am – 3:05 pm **Technical Exhibits, Continental Breakfast, Coffee Breaks and Daily Drawing**

7:30 am – 8:30 am **Yoga on the Beach**

Practice calming and rejuvenating yoga poses and stretching on the shore as the ocean lifts your senses. The soothing sound of the waves and soft sand create a tranquil environment for participants to connect with their breath, improve flexibility, and find inner peace while surrounded by the natural beauty of the beach. Mats, towels, and water provided.

Price: Included in registration fee (Min 16/Max 20 participants)

8:05 am – 8:25 am **Focused Breakfast Presentation** *CME credit not available

Price: Included in your registration

8:30 am – 10:00 am **Spouse/Guest & Child Hospitality**

Enjoy a continental breakfast with old friends and new, joined by our Howard Steel Lecturer and bestselling author David Logan, PhD.

Price: Included in registration fee OR \$40 per unregistered adult guest, \$20 per unregistered child (5-17 years)

11:35 am – 12:05 pm **Focused Lunch Presentation** *CME credit not available

Price: Included in your registration

12:15 pm – 5:00 pm **Outrigger Canoe**

Experience the joy of outrigger paddling in a relaxed and fun-filled atmosphere at the Newport Aquatic Center. A NAC staff person will guide you on this exciting adventure aboard a 12 or 18 person outrigger. **Min 20/Max 30 participants**

Price: \$30 WITHOUT Transportation (includes outrigger, guide and fees)

Price: \$75 WITH Transportation (includes transportation, outrigger, guide and fees)

1:00 pm – 7:30 pm **Golf Shotgun Tournament at Tustin Ranch Golf Club**

Tustin Ranch Golf Club is a picturesque facility secluded within the community of Tustin, CA. It features a signature Ted Robinson designed golf course that has been named California Golf Course Owner's Association "CGCOA Course of the Year" as well as having been consistently voted as a best "Orange County Golf Course and Driving Range" by readers of the *Orange County Register*. *Golf Digest Magazine* ranked the challenging Tustin Ranch Golf Club four-stars several years in a row. ***Eat at the Focused Lunch prior to the tournament.**

Price: \$245 per person (Includes transportation, green fees, beverage cart and prizes) Min 35/Max 40 participants

5:30 pm – 7:30 pm **Exhibitor Reception**

This is an opportunity to visit with the Exhibitors. Before you go to dinner, start your evening off with your favorite beverage!

Attire: Business Casual

Price: Free for Registered Guests or \$75 per Adult

5:30 pm – 7:30 pm **Kids' Movie Party with Arts & Crafts**

While parents are at the Exhibitor Reception, kids enjoy dinner, crafts and a movie with friends. Children younger than 5 **must** be accompanied by an adult. *This is not considered a babysitting service, and is provided **only** for parents attending the Exhibitor Reception. Children must be registered.

Price: Free for Registered Children or \$25 per unregistered child



6:00 am – 7:00 am

WOA Board of Directors Meeting

6:30 am – 3:35 pm

Speaker Ready Area

6:55 am – 3:35 pm

Meeting Registration

6:55 am – 3:35 pm

Technical Exhibits, Continental Breakfast, Coffee Breaks and Daily Drawing

7:30 am – 8:30 am

Yoga on the Beach

Practice calming and rejuvenating yoga poses and stretching on the shore as the ocean lifts your senses. The soothing sound of the waves and soft sand create a tranquil environment for participants to connect with their breath, improve flexibility, and find inner peace while surrounded by the natural beauty of the beach. Mats, towels, and water provided.

Price: Included in registration fee (Min 16/Max 20 participants)



7:15 am – 7:25 am

Second Business Meeting

8:10 am – 8:30 am

Focused Breakfast Presentation *CME credit not available

Price: Included in registration fee

8:30 am – 10:00 am

Spouse/Guest & Child Hospitality

Community social responsibility (CSR) project: Build Hygiene bags and hear from a representative from a local shelter where the bags will be donated.

Price: Free for Registered Guests and Children or \$40 per Adult / \$20 per Child (5-17 years old)

11:00 am – 1:00 pm

Surf Lessons with Rocky McKinnon of McKinnon Surf & Stand Up Paddleboard Lessons

McKinnon Surf & SUP Lessons provides premium surf and stand-up paddle board lessons from professionals. All who join the lesson are promised a successful, enjoyable experience as they're provided with ergonomically correct equipment fit for all body types and skill levels, surrounded by a team of professionals to guide them. No transportation required, as the lesson is held within walking distance of the hotel.

Price: \$115 per person



2:00 pm – 5:00 pm

Duffy Boat Ride

Relax and enjoy while your captain takes you on a two-hour cruise of Newport Bay aboard a 21' Duffy Electric. Dock at waterfront restaurants or bring your own snacks and drinks. All-around windows provide for option for fully enclosed boats with, built-in Bluetooth speakers. Free ice included. **Min 20/Max 30 participants**

Price: \$50 WITHOUT Transportation (Includes boat, captain, fees)

Price: \$95 WITH Transportation (Includes transportation, boat, captain, fees)

6:00 pm – 10:45 pm

Gala Dinner Dance

Dinner will be an event to remember with world-renowned cuisine, good company and plenty of dancing!

Attire: Jacket and tie

Price: Included in registration fee OR \$150 per unregistered adult guest; \$75 Surcharge per registered child (5-17 years)

6:00 pm – 10:45 pm

Kids' Movie Party with Arts & Crafts

While parents are at the Gala Dinner Dance, kids enjoy dinner, crafts and a movie with friends. Children younger than 5 **must** be accompanied by an adult. *This is not considered a babysitting service, and is provided **only** for parents attending the Gala Dinner Dance.

Price: Included in registration fee OR \$25 per unregistered child (5-17 years)





WOA's 88th Annual Meeting Registration

August 7-10, 2024 • Hyatt Regency Huntington Beach • Huntington Beach, CA

MAIL: Western Orthopaedic Association, 110 West Rd, Suite 227, Towson, MD 21204

PHONE: 866-962-1388 • FAX: 410-494-0515 • WEB: www.woa-assn.org

Name	Degree	Sub-Specialty			
Company/Institute			Department		
Address		City	State	ZIP Code	
Office Phone			Email Address		

Physician/Allied Health Registration Fee Includes: Scientific Sessions, Poster Sessions, Symposia, Continental Breakfasts, Workshops, Breaks, Welcome Dinner, Exhibitor Reception, and the Gala Dinner Dance.

Spouse/Guest Registration Fee Includes: Guest/Child Hospitality on Thursday, Friday and Saturday mornings, Yoga on Thursday, Friday and Saturday mornings, Welcome Dinner, Exhibitor Reception, and the Family Gala Dinner Dance.

Child Registration Fee Includes: Guest/Child Hospitality on Thursday, Friday and Saturday mornings, Welcome Dinner, Kids' Movie Night with Arts & Crafts and Dinner on Friday and Saturday nights.

#	REGISTRANT CATEGORY	FEE
	New 2024 WOA Physician Member	\$385
	WOA Member Physician	\$770
	Non Member Physician	\$1170
	Non Member Moderator/Presenter	\$770
	Senior Active Member	\$475
	Active Duty Military Physician	\$275
	Allied Health Professional Member	\$225
	Allied Health Professional Non Member	\$575
	Fellow	\$225
	Resident	\$225
	Medical Student	\$225
	Member Spouse/Guest (18+)	\$275
	Non Member Spouse/Guest (18+)	\$375
	Resident/Fellow/Student Spouse/Guest (18+)	\$150
	Child(ren) 5-17 years	\$35
	Child(ren) under 5 years	No Charge

Please provide the information below for each of your adult guests so we can put their name badges in your registration packet. Registered children (5-17) will receive a wristband.

Guest Name	City	State
Guest Name	City	State
Guest Name	City	State
Guest Name	City	State

CANCELLATION POLICY: Full refund (less \$50.00 administrative fee) will be granted if a cancellation is made prior to 10 business days before the meeting date; a 50% refund if canceled between 5 and 10 business days before the meeting date. No refund will be granted within 5 business days of the meeting, or anytime thereafter.

SPECIAL NEEDS: If you have hearing, vision or mobility impairment and need appropriate accommodations in order to participate fully in this activity, please notify us by July 15, 2024. You will be contacted by the WOA Management Company, DTMS, to discuss your needs.

I would like to opt out of receiving promotional emails.
Do not share my information with third party vendors.

Tour/Activity Ticket Cancellation Policy: Full refund will be granted if a cancellation is made prior to 30 business days before the meeting date. No refund will be guaranteed within 30 business days of the meeting. WOA will attempt to sell unwanted tickets on a first-come, first-serve basis. If WOA sells your unwanted ticket, you will receive a full refund of the ticket cost. WOA reserves the right to cancel an activity if the minimum number of participants has not purchased tickets prior to 30 business days before the meeting date.

#	TOURS/ACTIVITIES	FEE
	Yoga on the Beach - (Complimentary) - Thursday	
	Mission San Juan Capistrano/Los Rios - (\$75 per person) - Thursday	
	Yoga on the Beach - (Complimentary) - Friday	
	Outrigger Canoe with Transportation - (\$75 per person) - Friday	
	Outrigger Canoe NO Transportation - (\$30 per person) - Friday	
	Golf Tournament - (\$245 per person) - Friday	
	Yoga on the Beach - (Complimentary) - Saturday	
	Surf Lessons with Rocky McKinnon - (\$115 per person) - Saturday	
	Duffy Boat Ride with Transportation - (\$95 per person) - Saturday	
	Duffy Boat Ride NO Transportation - (\$50 per person) - Saturday	

ONLY **unregistered** guests, and children who wish to attend events should fill out the Events form below. These events are **included** for registered guests and children.

#	UNREGISTERED GUEST EVENTS	FEE
	Thursday Guest/Child Hospitality - Adult (\$40)	
	Thursday Guest/Child Hospitality - Child 5-17 (\$20)	
	Welcome Dinner - Adult (\$100)	
	Welcome Dinner - Child 5-17 (\$50)	
	Friday Guest/Child Hospitality - Adult (\$40)	
	Friday Guest/Child Hospitality - Child 5-17 (\$20)	
	Kids' Movie Night with Arts & Crafts - (\$25) - Friday	
	Exhibitor Reception - Adult (\$75)	
	Saturday Guest/Child Hospitality - Adult (\$40)	
	Saturday Guest/Child Hospitality - Child 5-17 (\$20)	
	Gala Dinner Dance - Adult (\$150)	
	Kids' Movie Night with Arts & Crafts - (\$25) - Saturday	
	Gala Dinner Dance - Child SURCHARGE - Child 5-17 (\$75)	

Physician/Allied Health Registration Fee \$ _____
Guest Registration Fees \$ _____
Tours/Activities Fees \$ _____
TOTAL \$ _____

Check Enclosed (payable to Western Orthopaedic Association)

Charge my: Visa MasterCard American Express

CARD NUMBER	EXP. DATE	CVV
NAME ON CARD		
BILLING ADDRESS		
CITY	STATE	ZIP CODE



Western
Orthopaedic
Association

110 West Rd, Suite 227
Towson, MD 21204



Scan for
meeting details

Western Orthopaedic Association
88th Annual Meeting
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www.woa-assn.org



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