

**Clinical Orthopaedic Society** 113th Annual Legacy Voyage:

Anchored in Tradition, Sailing Toward the Future

September 3-6, 2025 | Omni Amelia Island Resort | Amelia Island, FL

# **Orthopaedic Renaissance:** Continuing the Vision











**Presidential Guest** Speaker Rep. Neal Dunn, MD, FACS

**George Brindley** Lectureship Speaker Frederick C. Flandry, MD

Dr. & Mrs. J. Elmer Nix Award Recipient Joshua Jacobs, MD

**Lifetime Achievement Award Recipient** Raoul P. Rodriguez, MD









# President's Message Afshin E. Razi, MD

Dear Friends and Colleagues,

Welcome to the 113th Annual Meeting of the Clinical Orthopaedic Society, a legacy voyage anchored in tradition, now setting sail toward the future.

As I reflect on the legacy of COS, founded in 1912 as the very first clinical orthopaedic society, I'm both humbled and inspired by how far we've come. What began as a vision by a handful of passionate surgeons has now evolved into a growing, inclusive community of over 750 members, 950 abstract submissions, and more than 50 faculty adapted at this year's meeting. But COS isn't just about numbers, It's about neurosce. It's about neurosce.

sharing their knowledge at this year's meeting. But COS isn't just about numbers. It's about purpose. It's about people.

Over the past two years, we've breathed new life into this historic society, restoring its voice, rekindling its spirit, and re-imagining its future. This year's theme, "Orthopaedic Renaissance: Continuing the Vision," is a call to reconnect with our roots while embracing the innovations and challenges shaping modern orthopaedic care. It's about carrying forward the values of mentorship, hands-on learning, and clinical excellence, while inviting the next generation to help lead.

This past year, we've made remarkable strides:

- We revised the COS Bylaws, the first update in more than two decades, modernizing our structure for the years ahead.
- We launched a partnership with the AOA's Own the Bone program to promote osteoporosis education and awareness.
- We strengthened our academic collaboration with the Journal of Surgical Orthopaedic Advances (JSOA), encouraging scholarly publication from our presenters.
- We initiated exciting new collaborations with The Codman Group and OrthoAccess to enrich medical student education and engagement.

This meeting reflects that mission. From sunrise yoga to late-night mixers, from hands-on pinning competitions to expert panel debates, every session is designed to educate, inspire, and connect. And for the first time ever, we've extended our program through Saturday afternoon, with a celebratory "Bone Voyage" Beach Finale Saturday evening that we hope you and your families won't miss.

Speaking of families; **bring them.** COS is not just a meeting; it's a community. With daily family breakfasts, VIP beach day, pickleball tournaments, and a river cruise, this is your chance to grow professionally while making memories with the ones you love.

Whether you're a seasoned surgeon, a first-year resident, or a curious medical student, there's something here for you. There's a place for you at COS.

We are not just restoring the legacy of COS, we're shaping what it will become for the next 100 years. And that starts with you. Let's celebrate our past, embrace the present, and build a future worthy of our profession and those we serve.

See you in Amelia Island!

Afshin E. Razi, MD President, Clinical Orthopaedic Society



# Incoming President Marlene DeMaio, MD, EdD, CAPT, Medical Corps, U.S. Navy (Ret.)

Dr. Marlene DeMaio is a board-certified orthopaedic surgeon specializing in sports medicine, with a distinguished career in military, academic, and clinical leadership. As honors graduate of Brown University and Hahnemann Medical College (now Drexel), she completed her orthopaedic surgery residency at Yale-New Haven Hospital and a Sports Medicine Fellowship at the Cincinnati Sports Medicine and Orthopaedic Center. She then volunteered for active duty in the U.S. Navy, where she rose to the rank of Captain during her 20 years of service, later continuing her work in federal medicine and academics with

the VA. She recently earned her Doctorate in Education from Drexel University and was named the inaugural recipient of the School of Education's Impact Award.

Dr. DeMaio has held numerous high-impact leadership roles, including President of the Ruth Jackson Orthopaedic Society and the Association of Bone and Joint Surgery, Chief of Surgery for the Expeditionary Medical Force in Kuwait, and Chief of Orthopaedics at the U.S. Naval Academy. She also served as President of the Board of Trustees for Clinical Orthopaedics and Related Research and on the editorial board of the *American Journal of Sports Medicine*.

Her clinical and educational contributions include co-directing an Osteoarthritis Clinic, serving as an Oral Boards Examiner, chairing multiple AOSSM education committees, and mentoring residents as a GME Site Director. In research, she has received national recognition, including the U.S. Medicine and Delta Dental Berry Award and the AOSSM Excellence in Research Award.

Since speaking at the Clinical Orthopaedic Society Annual Meeting in 2019, Dr. DeMaio has served COS as Member-at-Large and Vice President, playing a vital role in strategic planning and the revision of bylaws. She remains committed to advancing COS, improving patient care, and supporting orthopaedic surgeons through mentorship, scholarship, and leadership.



# Presidential Guest Speaker Rep. Neal Dunn, MD, FACS

Dr. Neal Dunn is a board-certified urologic surgeon and a dedicated public servant representing Florida's 2nd Congressional District since 2017. With over 25 years of medical practice in Panama City, Florida, Dr. Dunn was the founding president of the Advanced Urology Institute, a 45-physician practice, and established the Bay Regional Cancer

Center, focusing on advanced prostate cancer care. His commitment to healthcare extends beyond his practice; he has served on the Governor's Prostate Cancer Advisory Council and the Florida Medical Association's Board of Governors.

Before his medical career, Dr. Dunn served over a decade in the U.S. Army Medical Corps, achieving the rank of Major. He completed his medical degree at George Washington University and his residency at Walter Reed Army Medical Center, followed by a surgical fellowship at Duke University.

In Congress, Dr. Dunn brings his medical expertise to the legislative process. He serves on the House Energy and Commerce Committee, including its Subcommittees on Health, Communications and Technology, and Innovation, Data, and Commerce. Additionally, he is a member of the House Select Committee on the Chinese Communist Party and the NATO Parliamentary Assembly, contributing to discussions on national security and international relations.

Dr. Dunn's unique blend of medical and military experience informs his approach to policy, particularly in healthcare reform, veterans' affairs, and national defense.

Join us for a compelling session with Congressman Dr. Neal Dunn, as he shares his unique insights at the intersection of clinical medicine and national healthcare policy. In a 10-minute address, Dr. Dunn will explore pressing issues impacting physicians and patients alike, including Medicare reform, physician workforce challenges, healthcare innovation, and legislative priorities that affect orthopaedic and surgical care. The address will be followed by a 20-minute open-mic session featuring pre-submitted audience questions, offering a rare opportunity for direct dialogue with a Congressional leader who understands the daily realities of practicing medicine.



# George W. Brindley, MD Lectureship Speaker Frederick C. Flandry, MD, FACS

Dr. Flandry graduated from Tulane University College of Arts and Sciences and earned his medical degree from Tulane University School of Medicine. He completed a flexible internship at Charity

Hospital in New Orleans and then a residency in Orthopaedic Surgery through Tulane University Affiliated Hospitals across the United States. Following his residency, he completed a fellowship in Sports Medicine and Arthroscopic Surgery at the Hughston Clinic. After entering practice, he continued his education by taking multiple sabbaticals to study Orthopaedic Traumatology at major academic centers in the United States, Canada, Germany, Switzerland, and Amsterdam.

Dr. Flandry's clinical practice focuses on Sports Medicine, treatment of fractures and musculoskeletal injuries, total joint replacement, deformity correction, amputee care, and treatment of non-healing fractures, Orthopaedic infections, and revision Orthopaedic operative procedures. Over the course of his career, he has served as team physician for numerous professional, collegiate, and high school athletic programs.

Dr. Flandry is a past president of the Southern Orthopaedic Association and the Clinical Orthopaedic Society, and has been inducted into the Georgia Southwestern Sports Hall of Fame as a team physician, honored by the Mayor of Columbus Georgia for his work for citizens with disabilities, and also honored by the government of Colombia for his teaching efforts to improve the delivery of Columbia's Orthopaedic healthcare.

His clinical practice focuses on Sports Medicine, treatment of fractures and musculoskeletal injuries, total joint replacement, deformity correction, amputee care, and treatment of non-healing fractures, Orthopaedic infections, and revision Orthopaedic operative procedures. In addition to his clinical practice, Dr. Flandry is deeply involved in the research and education efforts of the Hughston Foundation serving as the Designated Institutional Official (DIO) for the Fellowship in Sports Medicine, and the DIO and teaching faculty for the Orthopaedic Surgery Residency at Jack Hughston Memorial Hospital. He has published over thirty scientific journal articles, reviews, and textbook chapters.

## Accreditation Information

#### 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 Clinical Orthopaedic Society. 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 COS Annual Meeting, September 4-6, 2025 to be held in Amelia Island, FL for a maximum of 19.5 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

• 19.5 CME Credits for Scientific Program

#### CEC CREDIT

Physician Associates can receive up to 19.5 credit hours toward Continuing Education Credits. AAPA accepts American Medical Association Category I CME credit for the Physician's Recognition Award from organizations accredited by the ACCME.

#### PURPOSE

- To provide participants with an objective, unbiased educational experience that will enable them to remain current in both the knowledge and practical elements of contemporary orthopaedic surgery.
- To provide participants with a detailed, in-depth education of selected topics relevant to the practice of orthopaedic surgery.
- To allow participants to assess potential deficiencies in their knowledge base pertaining to the practice of orthopaedic surgery.
- 4. To present ample opportunities for participants to exchange ideas with the presenters, the faculty and other enrollees through paper presentations, guest lectureships, symposia, multimedia educational sessions and poster exhibits.

#### OBJECTIVES

Educational objectives will be met through a combination of paper presentations, lectures and workshops in plenary, concurrent and specialty sessions with ample time afforded for open discussion. The following objectives will be addressed during the Scientific Program, such that at the conclusion of this course the attendees will be expected to:

- Improve their diagnostic, treatment and technical skills in the management of orthopaedic afflictions by assimilation of scientific advances.
- 2. Discuss basic science paradigms as they relate to treatment advances.
- 3. Understand some of the basic principles in practice management.

Critically assess emerging trends in orthopaedic medicine and evaluate their evidence basis.

#### 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 Clinical Orthopaedic Society. The Clinical Orthopaedic Society 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 on Thursday, September 4, from 7:15 am – 5:00 pm, Friday, September 5, from 7:15 am – 3:00 pm, and Saturday, September 6, from 7:15 am – 3:00 pm.

#### SCIENTIFIC E-POSTER SESSIONS

Scientific E-Posters are an important feature of the COS Annual Meeting. E-Posters will be on display each day of the Scientific Program and 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 that the E-Poster presenters will be available for discussion.

#### PHYSICIAN REGISTRATION FEE

Registration covers the Scientific Program, syllabus, E-Poster sessions, daily continental breakfasts and coffee breaks, general meeting expenses, the Welcome Reception, and social events.



# Dr. & Mrs. J. Elmer Nix Award Recipient Joshua Jacobs, MD

Joshua J. Jacobs, M.D. received a Bachelor of Science degree in Materials Science and Engineering from Northwestern University and graduated from the University of Illinois Medical School. Dr. Jacobs completed his residency training at the Combined Harvard Orthopaedic Residency Program followed by a fellowship in Adult Reconstructive Orthopaedic Surgery at Rush University Medical Center under the direction of Dr. Jorge Galante. Dr. Jacobs has remained at Rush since his fellowship training and served as the William A. Hark, M.D./Susanne G. Swift Professor and Chair of the Department of Orthopaedic Surgery for 16 years until he recently stepped down to become the Grainger Director of the Rush Arthritis and Orthopaedics Institute.

Dr. Jacobs has published over 300 peer-reviewed manuscripts, most of which focus on the biological consequences of material degradation from joint replacement implants. He is a Multiple Principal Investigator on two large National Institutes of Health (NIH) awards including the University of Chicago/Rush University Clinical and Translational Science Award from the National Center for Advancing Translational Sciences (NCATS) and the Acute to Chronic Pain Signature (A2CPS) consortium of the NIH Common Fund's Helping End Addiction Long-term (HEAL) initiative. Dr. Jacobs has received several awards for his research and leadership including a Career Development Award from the Orthopaedic Research and Education Foundation (OREF), the Otto Aufranc Award from The Hip Society, the Ann Doner Vaughan Kappa Delta Award from the American Academy of Orthopaedic Surgeons (AAOS), the Mark Coventry Award from the Knee Society, the Orthopaedic Research Society (ORS)/OREF Distinguished Investigator Award, the William W. Tipton, Jr. MD, Leadership Award from the AAOS and the Nicolas Andry Lifetime Achievement Award from the Association of Bone and Joint Surgeons.

Dr. Jacobs has served in leadership positions in several professional organizations related to orthopaedic surgery. He is a Past President of the AAOS, ORS, the United States Bone and Joint Decade, and The Hip Society. He served as a Director of the American Board of Orthopaedic Surgery and is a Past Chairman of the Board of Trustees of the Journal of Bone and Joint Surgery. Dr. Jacobs currently serves as the President of the Board of Trustees of the OREF.

The Clinical Orthopaedic Society is honored to present the Dr. and Mrs. J. Elmer Nix Ethics Award to Dr. Joshua Jacobs. A world-renowned leader in orthopaedic research, education, and service, Dr. Jacobs exemplifies the highest standards of ethical conduct in both science and leadership. His lifelong commitment to advancing musculoskeletal care with integrity, transparency, and compassion reflects the true spirit of this award.



# Lifetime Achievement and Legacy Award Recipient Raoul P. Rodriguez, MD

Raoul P. Rodriguez, MD, a native of La Habana, Cuba, came to America in 1957. His father Raoul M Rodriguez, MD, an orthopaedic surgeon, oversaw the National Institute of Orthopaedic Surgery in La Habana, Cuba. As political unrest worsened in his homeland, he transferred from the University of Habana School of Medicine to Tulane University School of Medicine. He would graduate in 1960, marry his childhood sweetheart Marina E Valhonrat, and move to Ann Arbor, Michigan for two years of general surgery training followed by three years of orthopaedic surgery at the University of Michigan. Upon completing his residency, he took a clinical faculty position in the Orthopaedic Department at Tulane and entered private practice.

He eventually assumed a full-time position in the department at Tulane as full professor. There he would be instrumental in the teaching and training of hundreds of students and residents over the years. His

early career had him running the amputee clinic at New Orleans Children's Hospital, as well as, pioneering the treatment of children with osteogenesis imperfecta with a telescoping intramedullary rod. Later in his career, he would focus his attention on foot and ankle surgery. He has served as Vice-Chair and Chair of the Department of Orthopaedic Surgery at Tulane University. Presently, he serves as Chairman Emeritus.

He has been an active member of many orthopaedic societies, serving as president of the COS and the Louisiana Orthopaedic Association, and chaired the admissions committees for both the AAOS and AOA. He was awarded the J Elmer Nix Ethics Award by the COS in 2000; the Lifetime Achievement Award by the Tulane Medical Alumni Association in 2010 and LOA in 2015; and the Medical Role Model Award from Medical Association of Southeast Louisiana in 2024.

Raoul and Mari are the parents of five children, two of whom followed his footsteps into orthopaedic surgery. They are also devoted grandparents to 15 grandchildren, one of which is currently in medical school, and six great-grandchildren.

In proud recognition of a lifetime devoted to healing, teaching, and inspiring, the Clinical Orthopaedic Society presents Dr. Raoul P. Rodriguez with the Lifetime Achievement and Legacy Award. A visionary leader, cherished mentor, and past president of the Society, Dr. Rodriguez has shaped the field of orthopaedics not only through surgical innovation but through his enduring impact on generations of students, residents, and colleagues. His legacy is one of compassion, excellence, and steadfast dedication, a legacy that continues to guide and elevate the mission of our Society.

WEDNESDAY, SEPT	EMBER 3	12:15 pm – 1:00 pm	Focused Lunch Presentation *CME Credit not available	
11:00 am – 5:00 pm	Board of Directors Meeting	1:00 pm – 1:30 pm	Dessert Break with Exhibitors	
12:00 pm – 5:00 pm	Meeting Registration	General Session 3	Dessert broak with Exhibitors	
12:00 pm – 5:00 pm	Exhibitor Setup		azi, MD, Maimonides Medical Center	
THURSDAY, SEPTEM	IBER 4	1:30 pm – 2:00 pm	An Innovative Approach to Enhanced Personal and Professional Performance	
6:00 am – 7:00 am	Scientific Poster Session	с : <b>т</b>	Alan Friedman, MA, J3P Health	
( 00 7 00	Presenters are available to answer questions	Symposium 3 – Trauma Moderator: Michael Su	k, MD, Geisinger Commonwealth School of	
6:00 am – 7:00 am	E-Poster Session *CME Credit not available	Medicine		
7:00 am - 8:00 am	Rapid Fire Sessions 1A-1F	2:00 pm – 2:20 pm	Sacral Standoff: Debating the Best Path to Recovery	
8:10 am – 8:15 am	Welcome and Opening Remarks Afshin E. Razi, MD, Maimonides Medical Center James C. Wittig, MD		for Insufficiency Fractures – Surgery vs. Non-Operative Approaches Joshua Parry, MD, Emory University Lisa R. Blackrick, MD, Hughston Clinic	
8:15 am – 8:45 am	Focused Breakfast Presentation *CME Credit not available	2:20 pm – 2:40 pm	Critical Decisions in Periprosthetic Fractures: Timing and Techniques – ORIF vs. Distal Femoral Replacement	
General Session 1 – Soc Moderator: Afshin E. Rc	ciety Updates   *CME Credit not available ızi, MD, Maimonides Medical Center		(DFR) Frank Liporace, MD, RWJ Barnabas Health	
8:45 am – 9:00 am	AAOS Health Policy and Advocacy Update Wayne A. Johnson, MD, FAAOS, FACS, Oklahoma City	2:40 pm – 2:50 pm	Nicolas'S. Piuzzi, MD, Cleveland Clinic Updated Management of Open Fractures: A Guide	
9:00 am – 9:15 am	VAMC AAOS Update Annunziato (Ned) Amendola, MD, Duke University		for Non-Orthopaedic Trauma Surgeons Jonathan P. Yawman, MD, Orlando Health Jewett Orthopedic Institute	
Symposium 1 – Foot and Moderator: Cary B. Ch	d Ankle apman, MD, Baptist Health South Florida	2:50 pm – 3:40 pm	Trauma in Focus: Expert Reflections and Case-Based Debates in Orthopaedics	
9:15 am – 9:35 am	Nail vs. Plate for Fibula Fractures: The Ultimate Fixation Debate R. James Toussaint, MD, FAOA, University of Florida Lance Silverman, MD, FAAOS, Resurgens Orthopaedics		Moderator: Michael Suk, MD, Geisinger Commonwealth School of Medicine Niloofar Dehghan, MD, The CORE Institute AZ Frank Liporace, MD, RWJ Barnabas Health	
9:35 am – 9:50 am	Navigating Acute Weightbearing Protocols in Ankle Fracture Management Niloofar Dehghan, MD, The CORE Institute AZ		Philipp Leucht, MD, PhD, NYU Langone Health Joshua Parry, MD, Emory University Lisa R. Blackrick, MD, Hughston Clinic Jonathan P, Yawman, MD, Orlando Health Jewett	
9:50 am – 10:35 am	Ankle Disorders: Case Discussions and Debates on Controversies and Surgical Solutions <b>Moderator:</b> Cary B. Chapman, MD, Baptist Health South Florida Glenn G. G. Shi, MD, Mayo Clinic Jacksonville R. James Toussaint, MD, FAOA, University of Florida Lance Silverman, MD, FAAOS, Resurgens Orthopaedics	<ul><li>Preservation, and Fun</li><li>Distal Femur Fracture</li></ul>	s in Osteoporotic Patients: Locking Plates vs. Retrograde	
Case Discussions:		<ul> <li>Nails – The Art of Decision-Making</li> <li>Pilon Fractures: Early Fixation or Delayed Definitive Surgery? Navigating the</li> </ul>		
Innovative Solutions:	:: Managing Pilon Fractures The Role of Custom Talar Implants in Ankle Surgery	Timing and Techniques <ul> <li>Complex Humeral Shaft Fractures: Is There Still a Place for Functional Bracing</li> </ul>		
U U	th: Fusion vs. Total Ankle Replacement	or is Surgery King? 3:40 pm – 4:00 pm	BREAK — Please visit exhibits	
·	ew: Treatment Strategies for Ankle Fractures		ing Frontiers in Orthopaedics: The Power of	
10:35 am - 11:00 am	BREAK — Please visit exhibits	OrthoBiologics		
Moderator: Scott A. Sic	rative Optimization of Orthopaedic Patients man, MD, Orthopedic Surgical Associates of Lowell	C C	gman, MD, Orthopedic Surgical Associates of Lowell	
11:00 am – 11:15 am	Obesity – Addressing Weight Management Pre- Surgery John M. Guido, MD, MPH, DABOM, West Virginia University	4:00 pm – 4:15 pm	Regenerative Medicine: Harnessing Regeneration – Innovations in Orthopaedic Healing Michael R. Redler, MD, FAAOS, Connecticut Orthopaedics	
11:15 am – 11:30 am	Sarcopenia and Nutrition – Enhancing Muscle Mass and Nutritional Status Reza Jazayeri, MD, Southern California Permanente	4:15 pm – 4:30 pm	Bone Grafts: The Art of Mending Bones – Advances in Grafting Techniques Philipp Leucht, MD, PhD, NYU Langone Health	
11:30 am – 11:45 am	Medical Group Osteoporosis – Strengthening Bones for Surgical Success	Moderators: Afshin E. R	esidential Guest Speaker azi, MD, Maimonides Medical Center FAAOS, FACS, Oklahoma City VAMC	
	Colleen Watkins, MD, West Virginia University	4:30 pm – 5:00 pm	Navigating the Crossroads of Medicine and Policy:	
Presentations *CME Crea	edical Student/Resident Research Award dit not available lartley, MD, University of Michigan		Challenges and Opportunities in U.S. Healthcare Neal Dunn, MD, FACS, U.S. House of Representatives	
11:45 am – 12:15 pm	Abstract Presentations			
- T.				

## Scientific Program | Friday, September 5 Subject to change.

6:00 am – 7:00 am	Scientific Poster Session	General Session 7 - 1	Presidential Address  *CME Credit not available
	Presenters are available to answer questions		Razi, MD, Maimonides Medical Center
6:00 am – 7:00 am 7:00 am – 8:00 am	E-Poster Session  *CME Credit not available Rapid Fire Sessions 2A-2F	11:55 am – 12:15 pm	Presidential Address This Was My Dream—Now It's Our Voyage:
8:00 am – 8:05 am	Welcome and Opening Remarks Afshin E. Razi, MD, Maimonides Medical Center Jaimo Ahn, MD, PhD, Grady Memorial Hospital		From Exile to Anchor A journey sparked by a personal dream, built through grit and resilience. Now a shared mission, guiding our society into a bold new
8:05 am – 8:35 am	Focused Breakfast Presentation *CME Credit not available		chapter. Afshin E. Razi, MD, Maimonides Medical Center
General Session 5 – Me Moderator: Alfonso Me "CME Credit not available 8:35 am – 9:05 am	edical Student/Resident Research Award Presentations jia, MD, University of Illinois at Chicago Abstract Presentations	12:15 pm – 12:25 pm	COS Lifetime Achievement and Legacy Award Presented to Dr. Raoul P. Rodriguez In recognition of his decades of leadership, mentorship, and lasting contributions to the
Symposium 5 – Adult Madarator: Nicolas S	Reconstruction . Piuzzi, MD, Cleveland Clinic	10.05 10.70	Clinical Orthopaedic Society.
9:05 am – 9:25 am	Optimizing Total Hip Replacement: The Role of Pelvic Parameters in Achieving Superior Results Russell Bodner, MD, FAAOS, Northwestern University Kishwaukee Hospital	12:25 pm – 12:30 pm	Leadership Legacy: 114th COS Presidential Transition & Medallion Ceremony Honoring Legacy, Celebrating Leadership, Welcoming CAPT (ret) Marlene DeMaio, MD, EdD
	Bassel Diebo, MD, Warren Alpert Medical School, Brown University	12:30 pm – 1:00 pm	Focused Lunch Presentation *CME Credit not available
9:25 am – 9:40 am	Total Joint Infections: Cutting-Edge Updates and Game-Changing Strategies	1:00 pm – 1:30 pm	Dessert Break with Exhibitors
	Joshua Rozell, MD, NYU Langone Orthopedic Institute	Symposium 6 – Sports Moderator: Ryan P. R Florida	s Roach, MD, MS, FAAOS, FAOA, University of
9:40 am – 10:25 am	Advanced Decision-Making in Adult Reconstruction Surgery: Expert Debates and Case Reviews <b>Moderator</b> : Nicolas S. Piuzzi, MD, Cleveland Clinic Frank Liporace, MD, RWJ Barnabas Health Russell Bodner, MD, FAAOS, Northwestern University	1:30 pm – 1:45 pm	Optimal Treatment of OCD Lesions: Does Size and Location Determine the Best Approach? Brian J. Cole, MD, MBA, Midwest Orthopaedics at Rush
	Kishwaukee Hospital Mark H. Gonzalez, MD, PhD, University of Illinois Hospital Joshua J. Jacobs, MD, Midwest Orthopaedics at	1:45 pm – 2:00 pm	Revolutionizing Rotator Cuff Repair: Cutting- Edge Techniques and Breakthroughs Michael R. Redler, MD, FAAOS, Connecticut Orthopaedics
	Rush Joshua Rozell, MD, NYU Langone Orthopedic Institute Arturo Corces, MD, FAAOS, Miami Institute for Joint Reconstruction	2:00 pm – 2:45 pm	Frontiers in Sports Orthopedics: Innovative Management and Surgical Techniques Case Presentation <b>Moderator:</b> Ryan P. Roach, MD, MS, FAAOS, FAOA, University of Florida
	sions: Hemi vs. Total Hip Arthroplasty for Fractures in		Brian J. Cole, MD, MBA, Midwest Orthopaedics at Rush Michael R. Redler, MD, FAAOS, Connecticut
• Early Intervention: I with Hip Dysplasia?	lutions: Disasterplasty vs. 5th Revisionplasty s Arthroplasty Justifiable for a 38-Year-Old Woman entless: Choosing the Right Hip Arthroplasty		Orthopaedics Reza Jazayeri, MD, Southern California Permanente Medical Group Scott A. Sigman, MD, Orthopedic Surgical Associates of Lowell
Approach in Osteo	porotic Patients		Brian R. Wolf, MD, MS, University of Iowa
	BREAK — Please visit exhibits	Case Discussions:	
	Dr. and Mrs. J. Elmer Nix Presentation and Lecture Razi, MD, Maimonides Medical Center	Breakthroughs	anagement: A Look at New Industry
10:55 am – 11:25 am	Ethics in Motion: Advancing Orthopaedic Research with Integrity Joshua J. Jacobs, MD, Midwest Orthopaedics at Rush	Stages	Evaluating Treatment Options Across Different Grafts in Adolescents: Exploring Physical
11:25 am – 11:55 am	OREF Award Lectures: Excellence in Orthopaedic Advancement Brian J. Cole, MD, MBA, Midwest Orthopaedics at	Symposium 7 – Evolvi Enhancing Patient Co	ng Approaches in Pain Management:
	Rush Nicolas S. Piuzzi, MD, Cleveland Clinic	2:45 pm – 3:10 pm	Evolving Approaches in Pain Management: Enhancing Patient Comfort and Recovery Scott A. Sigman, MD, Orthopedic Surgical Associates of Lowell Michael R. Redler, MD, FAAOS, Connecticut Orthopaedics
		3:30 pm – 6:00 pm	Breakout Session for Medical Students

### Scientific Program | Saturday, September 6 Subject to change.

6:00 am – 7:00 am	Scientific Poster Session Presenters are available to answer questions		Lunch with Exhibitors
6:00 am – 7:00 am	E-Poster Session *CME Credit not available	Symposium 9 – Pedi   Moderator: Mara S	atrics Karamitopoulos, MD, MPH, NYU Langone Health
7:00 am – 7:15 am	Clinical Orthopaedic Society Annual Membership and Business Meeting		Latest Advances in Pediatric Femur Fracture Management
7:15 am – 8:00 am	Rapid Fire Sessions 3A-3E		Stephanie Ihnow, MD, MSEd, University of Florida
8:00 am – 8:05 am	Welcome and Opening Remarks Afshin E. Razi, MD, Maimonides Medical Center James C. Wittig, MD	12:25 pm – 12:40 pm	Advances in Pediatric ACL Injuries: Latest Insights and Treatment Strategies Sean Keyes, DO, AdventHealth for Children
8:05 am – 8:35 am	Focused Breakfast Presentation *CME Credit not available	12:40 pm – 1:25 pm	Controversies and Consensus in Lower Extremity Pediatric Orthopaedic Surgery: Expert Debates
Presentations *CME C Moderator: Afshin E.	Razi, MD, Maimonides Medical Center		and Case Reviews Moderator: Mara S. Karamitopoulos, MD, MPH, NYU Langone Health Stephanie Ihnow, MD, MSEd, University of Florida
	Abstract Presentations BREAK — Please visit exhibits		Kevin M. Neal, MD, MBA, Nemours Children's Health, Jacksonville
		Case Discussions:	
	lder, Hand and Elbow oueka, MD, Maimonides Medical Center		: Unraveling the Diagnostic Maze
	To Cast or to Cut: Does Fracture Pattern Trump Age		ctures: When to Refer and When to Manage
	in Distal Radius Management?		in Kids: From SCFE to Septic Arthritis
	Basil R. Besh, MD, FORM Hand, Wrist & Elbow Institute F. Thomas Kaplan, MD, Indiana Hand to Shoulder Center	General Session 10	– Awards Presentations <sup>*</sup> CME Credit not available . Razi, MD, Maimonides Medical Center
9:55 am – 10:15 am	Battle of Approaches for Proximal Humerus Fractures	1:25 pm – 1:45 pm	Awards Presentations
	in the Elderly: Non-Operative Treatment vs. Surgical Intervention – Determining Necessity and Timing	Symposium 10 – Ort Moderator: James C.	hopaedic Oncology Wittig, MD
10:15 am – 11:10 am	Thomas W. Wright, MD, University of Florida Gerson B. Florez, MD, Cleveland Clinic Martin Health Mastering the Complex Terrain Panel Discussion	1:45 pm – 2:00 pm	Critical Insights: Distinguishing between Benign and Malignant Tumors in Clinical Practice C. Parker Gibbs, MD, University of Florida
	Moderator: Jack Choueka, MD, Maimonides Medical Center Michael R. Redler, MD, FAAOS, Connecticut Orthopaedics	2:00 pm – 2:15 pm	Deceptive Appearances: Case Studies of Tumors Mimicking Scott E. Porter, MD, Prisma Health
	Lattisha L. Bilbrew, MD, Resurgens Orthopaedics Thomas W. Wright, MD, University of Florida	Symposium 11 – Spin Moderator: Ahmed Se	e aleh, MD, Southeast Orthopedic Specialists
	Gerson Florez, MD, Cleveland Clinic Florida Basil R. Besh, MD, FORM Hand, Wrist & Elbow Institute F. Thomas Kaplan, MD, Indiana Hand to Shoulder Center	2:15 pm – 2:30 pm	Contemporary Approaches in Management: Non- Operative vs. Operative Treatment of Compression Fractures Christopher A. Heck, MD, Southern Orthopaedic
Case Discussions:			Alliance
Impingemen't and	aches in Orthopaedics: Balloon Techniques for Intact Deltoid with No Subscapularis Injury	2:30 pm – 2:45 pm	Latest Advances in Diagnosis and Management of Cervical Myelopathy Brian C. Goh, MD, PhD, Emory University
<ul> <li>Allograft Procedu</li> </ul>	nes with Technology: The Role of Industry Integra in res	2:45 pm – 3:00 pm	Adult Spinal Deformity in 2025: What Every
<ul> <li>Optimal Strategie</li> <li>Older</li> </ul>	es for Rotator Cuff Repair in Patients Aged 60 and		Orthop'aedic Surgeon Should Know in 15 Minutes Bassel Diebo, MD, Warren Alpert Medical School, Brown University
<ul> <li>Advancements in</li> </ul>	Intramedullary Fixation for Distal Radius Fractures	3:00 pm	Closing Remarks
	George W. Brindley, MD Lectureship W. Brindley, MD, Texas Tech Orthopedics	3:30 PM	OPTIONAL SESSION: Beyond the Basics: Architecting Wealth for the Peak Years and
11:10 am – 11:40 am	Making the Diagnosis: A Reflection Frederick C. Flandry, MD, FACS, The Hughston Clinic		Beyond

#### **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 Clinical Orthopaedic Society. 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 live activity for a maximum of 19.5 AMA PRA Category 1 Credits<sup>™</sup>. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

#### WEDNESDAY, SEPTEMBER 3

11:00 am – 5:00 pm	Board Meeting
12:00 pm – 5:00 pm	Meeting Registration
12:00 pm – 5:00 pm	History Room
12:00 pm – 5:00 pm	Exhibitor Setup
12:00 pm – 8:00 pm	Speaker Ready Area

**Meeting Registration** 

Speaker Ready Area

**History Room** 

#### **THURSDAY, SEPTEMBER 4**

6:00 am - 5:00 pm

6:00 am - 5:00 pm

6:00 am - 8:00 pm

7:30 am - 8:00 am

8:30 am - 10:00 am

10:30 am - 12:00 pm

11:00 am – 1:30 pm

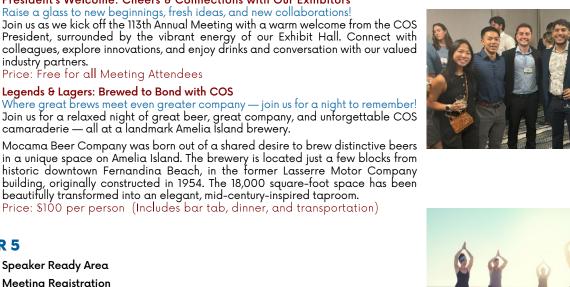
5:00 pm - 6:30 pm

7:30 pm - 10:00 pm





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## FRIDAY, SEPTEMBER 5

7:30 am - 8:00 am

6:00 am – 8:00 pm	Speaker Ready Area
6:30 am – 3:10 pm	Meeting Registration

6:30 am - 3:10 pm History Room

#### Morning Glow: Yoga by the Shore, Featuring Instructor Grey Hunt

Rise, stretch, and feel the island's natural energy prepare you for a day of inspiration Practice calming, rejuvenating yoga poses and stretching near the beach. Connect with your breath, improve flexibility, and find inner peace while surrounded by the beautiful Amelia Island white sandy beach. Mats, towels and water provided. Price: Included in Registration Fee





Join us as we kick off the 113th Annual Meeting with a warm welcome from the CC President, surrounded by the vibrant energy of our Exhibit Hall. Connect wi colleagues, explore innovations, and enjoy drinks and conversation with our value industry partners.

Price: Free for all Meeting Attendees

Paddle into Paradise: Guided Kayak Adventure

available. Introductory kayaking lessons provided. Price: \$100 per person (Min 5/Max 30 participants)

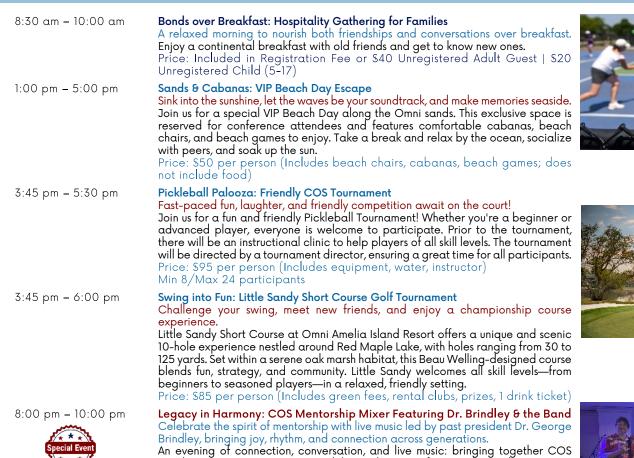
Tastes & Toasts: Downtown Fernandina Food & Booze Tour Savor the spirit and stories of Fernandina through every bite and sip.

## Legends & Lagers: Brewed to Bond with COS

Where great brews meet even greater company — join us for a night to remember Join us for a relaxed night of great beer, great company, and unforgettable CC camaraderie — all at a landmark Amelia Island brewery.

Mocama Beer Company was born out of a shared desire to brew distinctive beers in a unique space on Amelia Island. The brewery is located just a few blocks from historic downtown Fernandina Beach, in the former Lasserre Motor Company building, originally constructed in 1954. The 18,000 square-foot space has been beautifully transformed into an elegant, mid-century-inspired taproom. Price: \$100 per person (Includes bar tab, dinner, and transportation)





An evening of connection, conversation, and live music: bringing together COS members across generations to celebrate the spirit of mentorship and community. Price: Free for all Meeting Attendees







### SATURDAY, SEPTEMBER 6

6:00 am – 3:00 pm	Speaker Ready Area	
6:30 am – 3:00 pm	Meeting Registration	
6:30 am – 3:00 pm	History Room	
7:30 am – 8:00 am	Beachside Bliss: Morning Yoga and Meditation Awakening, Featuring Instructor Grey Hunt Greet your final COS Day with a wave of gratitude, mindfulness, and balance. Practice calming, rejuvenating yoga poses and stretching near the beach. Connect with your breath, improve flexibility, and find inner peace while surrounded by the beautiful Amelia Island white sandy beach. Mats, towels and water provided. Price: Included in Registration Fee	
8:30 am – 10:00 am	Final Morning Mingle: Family Breakfast Gathering Share one last laugh and smile before heading back home from an unforgettable week. Enjoy a continental breakfast with old friends and get to know new ones. Price: Included in Registration Fee or \$40 Unregistered Adult Guest   \$20 Unregistered Child (5-17)	
1:15 pm – 4:00 pm	Sails and Tales: Amelia Island River Cruise Adventure Sail through history and nature on a memorable coastal journey. Enjoy a professionally narrated cruise along the salt marshes, wilderness beaches and historic riverbanks of Amelia Island. Dolphins, sea turtles, egrets, herons, spoonbills and osprey meld with shrimp boats, luxury yachts and even a Civil War fort! Shuttle will pick up at the resort at the hotel at 1:15 pm for the 2:00 pm tour, and the tour is 1.5 hours. Price: \$85 per person (Includes transportation)	
6:30 pm – 9:00 pm	Bone Voyage: The COS Beach Finale Raise a final toast by the ocean and celebrate a week of lasting memories. Celebrate the close of the 113th Annual Meeting with a festive evening by the ocean. Enjoy coastal vibes, casual conversation, and lasting connections as we wrap up a memorable week with the COS community. Price: Included in Registration Fee or \$100 Unregistered Adult Guest   \$50 Unregistered Child (5-17)	





## Resident & Medical Student Breakout Programs



# Ortho Voyage: Empowering the Next Generation with Skill, Purpose & Legacy

Step into a weekend of discovery, mentorship, and hands-on training at one of the most dynamic orthopaedic gatherings of the year! Whether you're prepping for away rotations or mapping your future in orthopaedic surgery, this program is your launchpad.

Awards and prizes will be announced during the Saturday night Beach Party (Must be present to win)

## MEDICAL STUDENT EXPERIENCE

#### FRIDAY | 3:00 PM – 6:00 PM Rotation Ready: Skills, Smarts, & Strategy

A jam-packed bootcamp to help you shine on your sub-I and beyond. Learn the things that matter—because great impressions start with great preparation.

#### 3:00 – 3:10 PM | Kickoff Welcome

Meet your mentors and teammates. Let's set the tone!

### 3:10 – 4:00 PM | OrthoAccess: Consult Like a Pro

- How to write the perfect ortho consult note
- Reading and interpreting X-rays on the fly

#### 4:00 – 4:30 PM | Orthopaedia Live: The Exam Everyone Remembers

Master focused, hands-on musculoskeletal exam skills.

#### **4:30 – 5:00 PM | Splint Like a Surgeon** Practice real splinting techniques with guided feedback.

### 5:00 – 6:00 PM | Behaviors That Set You Apart

A Resident Panel Q&A on professionalism, attitude, and standing out.

#### SATURDAY | 1:00 PM – 5:00 PM From Practice to Match: Build Your Ortho Future

## 1:00 – 1:10 PM | Welcome Back & Team Huddle

## 1:10 – 3:15 PM | Skills Lab: Get Your Hands Dirty Interactive hands-on training at stations sponsored by Stryker.

## 3:15 – 3:30 PM | Snack & Stretch Break

**3:30 – 4:30 PM | How to Get into Ortho – The Ultimate Guide** Tips on building your CV, nailing interviews, and finding great mentors.

## **4:30 – 5:00 PM | Leadership Panel: Ask the PDs** Get insider insight from Program Directors and Associate PDs.

## **RESIDENT EXPERIENCE**

## FRIDAY NIGHT | 6:45 PM – 8:00 PM Fellowship Speed Mentoring: Fast Track Your Future

Engage in fast-paced, rotating mentorship with fellowship trained surgeons from:

- Sports
- Trauma
- Hand
- SpineJoints

Ask questions. Make connections. Discover your path.

#### SATURDAY | 1:00 PM – 5:00 PM Resident Leadership & Skills Accelerator

### 1:00 – 1:10 PM | Kickoff & Team Formation

1:10 – 1:40 PM | Lead Like a Surgeon Strategies to lead in the OR, on call, and in your career.

## 1:40 – 2:10 PM | Master the Transition: Financial Strategy for Residents on the Rise

Learn how to manage debt, plan, and build wealth.

### 2:10 – 2:45 PM | Conflict, Teams, & Tough Calls

Skills to navigate challenging professional situations.

### 2:45 – 3:00 PM | Quick Break & Strategy Time

# 3:00 – 5:00 PM | Hands-On Challenge: Pinning, Scoping, and Competition!

- Arthroscopy simulation
- Pinning stations
- Team competitions with real-time scoring



# **Annual Meeting Registration Form**

Clinical Orthopaedic Society's 113th Annual Meeting September 3-6, 2025 | Omni Amelia İsland Resort | Amelia Island, FL www.cosociety.org | Phone: 888-695-0515 | Fax: 410-494-0515

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

Physician/Allied Health Registration Fee Includes: Scientific Sessions, Scientific Poster & E-Poster Sessions, Symposia, Continental Breakfasts, Workshops, Breaks, the President's Welcome Reception on Thursday evening, the Friday Night Mixer, and the Beach Party Dinner.

#### Spouse/Guest Registration Fee Includes:

The President's Welcome Reception on Thursday evening, the Friday Night Mixer, daily Yoga, and Hospitality Breakfasts on Thursday, Friday and Saturday, and the Beach Party Dinner

#	Registrant Category	Fee
	COS Member Physician	\$775
	NEW 2025 COS Member Physician	\$387.50
	Non Member Physician Includes 1 year free COS membership	\$875
	Emeritus Member	\$345
	Active Duty Military Physician	\$200
	Physician Associate	\$200
	Allied Health Professional	\$200
	Athletic Trainer	\$200
	Resident/Fellow	\$50
	Medical Student	\$50
	Spouse/Guest	\$225
	Child Guest (5-17 years old)	\$35
	Child Guest (under 5)	Free

Please provide the information below for each of your adult guests so we can include their name badges in your registration packet.

Spouse/Guest Name	City	State
Guest Name	City	State
Guest Name	City	State
Guest Name	City	State

	y the Next Generation with Skill, Purpose θ Legacy kout Program Registration	
I will attend the Breakout Program below:		
🗆 Resident Breakout	Medical Student Breakout	

CANCELLATION POLICY: Full refund (less \$50 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.

□ I would like to opt out of receiving promotional emails.

□ Do not share my information with third party vendors.

□ SPECIAL NEEDS: If you have hearing, vision or mobility impairment and need appropriate accommodations in order to participate fully in this activity, check here and notify us by August 15, 2025. You will be contacted by the COS Management Company, DTMS, to discuss your needs.

#### TOUR/ACTIVITY CANCELLATION POLICY

Foll 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. COS will attempt to sell unwanted tickets on a first-come, first-served basis. If COS successfully sells your unwanted ticket, you will receive a full refund of the ticket cost.

COS 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
	Morning Yoga - Thu 9/4 (Free)	
	Guided Kayak Adventure - Thu 9/4 (\$100)	
	Downtown Fernandina Food & Booze Tour - Thu 9/4 (\$125)	
	Brewed to Bond at Mocama Brewing Co - Thu 9/4 (\$100)	
	Morning Yoga - Fri 9/5 (Free)	
	VIP Beach Day Escape - Fri 9/5 (\$50)	
	COS Pickleball Tournament - Fri 9/5 (\$95)	
	Little Sandy Golf Tournament - Fri 9/5 (\$85)	
	Morning Yoga - Sat 9/6 (Free)	
	Amelia Island River Cruise - Sat 9/6 (§85)	

ONLY complete the section below for UNREGISTERED spouses, guests and children who wish to attend the events. These events are already included for registered spouses, guests and children

#	Unregistered Guest Events	Fee
	Family Breakfast Gathering - Adult - Thu 9/4 (\$40)	
	Family Breakfast Gathering - Child (5-17) - Thu 9/4 (\$20)	
	Welcome Reception - Adult - Thu 9/4 (Free)	
	Family Breakfast Gathering - Adult - Fri 9/5 (\$40)	
	Family Breakfast Gathering - Child (5-17) - Fri 9/5 (\$20)	
	Family Breakfast Gathering - Adult - Sat 9/6 (\$40)	
	Family Breakfast Gathering - Child (5-17) - Sat 9/6 (§20)	
	Beach Party Dinner - Adult - Sat 9/6 (\$100)	
	Beach Party Dinner - Child (5-17) - Sat 9/6 (\$50)	

Physician/Allied Health Registration Fee S\_\_\_\_\_

Guest Registration Fees S\_\_\_\_\_

Tours/Activities Fees S\_\_\_\_\_

TOTAL S\_\_\_\_\_

Check Enclosed (payable to Clinical Orthopaedic Society)

□ Charge my: Visa MasterCard American Express

Credit Card Number		Exp Date	CW
Name on Card			
Billing Address			
	State	7IP	

City

ZIP



110 West Road, Suite 227 Towson, MD 21204



# Hotel Information | Omni Amelia Island Resort • 39 Beach Lagoon Rd • Fernandina Beach, FL 32034

Hotel Room Pricing for August 30-September 10, 2025 Discount Deadline: August 1, 2025 \$249 - Deluxe Oceanfront King/Queen | \$449 - Corner Suite (King) | \$499 - Executive Suite (King)

Call **1-888-444-6664** and mention that you are attending the COS Annual Meeting to receive the discounted sleeping room rates.

Scan to book your room



Omni Amelia Island Resort & Spa welcomes guests to a serene location overlooking the white sands of Fernandina Beach and the Atlantic Ocean. Enjoy days relaxing on the largest pool deck in northeast Florida, including an adults-only pool, family pool and splash pad. Indulge in a personalized spa treatment or squeeze in a workout at the Health & Fitness Center. Score a "birdie" on 36 holes of championship golf or hit an ace on clay tennis courts at this Amelia Island resort. With a pristine beach, walking and biking trails and access to preserved marshlands for kayaking and paddle-boarding at your doorstep, there's no better place for a Florida vacation!

# **Travel Information**

Omni Amelia Island Resort is about 4 miles (about 12 minutes) from Fernandina Beach Municipal Airport (FHB) and about 29 miles (about 45 minutes) from Jacksonville International Airport (JAX).