



Southern Orthopaedic Association

39th Annual Meeting

July 20-23, 2022 • The Greenbrier • White Sulphur Springs, WV

Preliminary Program
19.75 CME Credits Available



PRESIDENTIAL GUEST
SPEAKER
Zack Shinar, MD
Sharp Memorial Hospital
San Diego, CA



L. ANDREW KOMAN, MD
DISTINGUISHED SOUTHERN
ORTHOPAEDIST
Gregory A. Mencio, MD
Vanderbilt University
Nashville, TN

Accreditation Information

2022 PROGRAM COMMITTEE

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

Deryk G. Jones, MD, Chair
Shawn R. (Skip) Gilbert, MD
Michael J. O'Brien, MD

MISSION

The Southern Orthopaedic Association was founded in 1983 solely to develop and foster scientific medicine in the specialty of orthopaedic surgery. Annual Meetings of the Association are dedicated to disseminating current clinical, research and practice innovations in orthopaedic medicine.

TARGET AUDIENCE

The 39th Annual Meeting of the Southern Orthopaedic Association has been developed primarily for orthopaedic and trauma surgeons.

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 Southern 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 live activity for a maximum of 19.75 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

* 12.5 CME Credits for Scientific Program

* 7.25 CME Credits for Scientific E-Poster Sessions

CEC CREDIT

Physician's Assistants can receive up to 19.75 credit hours toward Continuing Education Credits. AAPA accepts American Medical Association Category I, Level 1 CME credit for the Physician's Recognition Award from organizations accredited by the ACCME.

PURPOSE

1. To provide participants with an unbiased educational experience that will enable them to remain current in the general practice of orthopaedic surgery.
2. To provide participants with an in-depth exposure to various subspecialty areas of orthopaedic surgery.
3. To provide participants with an opportunity to be exposed to leading orthopaedic advances, treatment and care.
4. To provide a forum for an open exchange of ideas between the presenters, the faculty and the participants through paper



President's Message

Andrew Shinar, MD

Dear Colleagues,

The 39th Annual Meeting of the SOA will be held at the spectacular Greenbrier Resort, July 20–23, 2022, in White Sulphur Springs, West Virginia. This Meeting promises to be memorable, informative, and fun for the entire family.

We received a record number of abstracts this year! My colleague Deryk G. Jones, MD, serving as Program Chair, is finalizing a comprehensive program, filled with top notch speakers and groundbreaking science. My colleague, Greg Mencio, MD is our well-deserved 2022 L. Andrew Koman, MD Distinguished Southern Orthopaedist. My nephew Zack Shinar MD, head of ER medicine at Scripps Institute, will offer inspiring perspectives on saving lives through ECMO in the ER and life on the front lines of the pandemic, as well as enlighten our families on household emergencies.

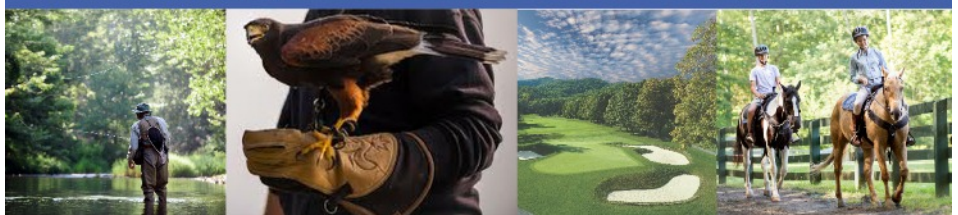
The Greenbrier offers an extensive array of indoor and outdoor activities for all ages to enjoy (explore at www.greenbrier.com). My wife, Lisa, is crafting an exciting week for spouses and children.

Register and reserve your rooms now for an unforgettable week at The Greenbrier with the whole family. We look forward to seeing you there!

Sincerely,

Andrew Shinar

Andrew A. Shinar, MD
President, Southern Orthopaedic Association





Presidential Guest Speaker Zachary Shinar, MD

The SOA is pleased to have Zachary Shinar, MD as the 2022 Presidential Guest Speaker. Dr. Shinar, MD is Vice Chair of Emergency Medicine at Sharp Memorial Hospital in San Diego, California. He helped pioneer extracorporeal cardiopulmonary resuscitation for patients in cardiac arrests and has published extensively in the field of resuscitation. His recent paper in the *Journal of Emergency Medicine* has given credence to emergency physician initiated ECMO. Dr. Shinar hosts the EDECMO podcast, co-chairs the Emergency ECMO Program, directs the ECMO/REBOA conference "Reanimate," and speaks around the world on the subject.

Dr. Shinar studied medicine at the University of Southern California and bioengineering at the University of Pennsylvania. He was Chief Resident at Los Angeles County Emergency Medicine Residency. Dr. Shinar is also active in education of the youth including the Emerge the Conference Project. He is an avid endurance athlete enjoying marathons, ultra-marathons, ironman triathlons, surfing and mountain biking.



Inaugural L. Andrew Koman, MD Distinguished Southern Orthopaedist Presented by Atrium Health Musculoskeletal Institute Gregory A. Mencio, MD

Dr. Gregory A. Mencio is the recipient of the inaugural L. Andrew Koman, MD Distinguished Southern Orthopaedist Award. Dr. Mencio is a graduate of Duke University School of Medicine. He completed a two-year residency in general surgery at the University of Pittsburgh Medical Center and did his orthopaedic training at Duke University Medical Center followed by a fellowship in pediatric orthopaedics at Newington Children's Hospital (currently Connecticut Children's Medical Center).

He is currently the Neil E. Green Professor and Vice Chair of Orthopaedics at Vanderbilt Medical Center and Chief of Pediatric Orthopaedics at Monroe Carell Jr. Children's Hospital at Vanderbilt. He is Assistant Hospital Director and Co-Chairman of the Vanderbilt University Medical Center Medical Economic Opportunity (MEOC) Committee.

His clinical interests are scoliosis and surgery of the spine, pediatric musculoskeletal trauma, limb lengthening, and management of gait and other orthopaedic aspects of neuromuscular disorders. He has been involved in resident medical education throughout his career and has been selected as a recipient of the Ken Johnson Teaching Award by the Vanderbilt Chief residents four times. He has co-authored over 50 peer reviewed articles as well as numerous book chapters and is co-editor of Green's Skeletal Trauma in Children.

He serves as a Director of the American Board of Orthopaedic Surgery and is past President of the Pediatric Orthopaedic Society of North America (POSNA) and the Tennessee Orthopaedic Society. He previously served as Chair of the American Academy of Orthopaedic Surgery Board of Specialty Societies (BOS) and was a member of the AAOS Board of Directors from 2010-2013. He served on the Advisory Board of the Annual POSNA/AAOS International Pediatric Orthopaedic Symposium (IPOS) from 2006-2010 and on the IPOS faculty from 2005-2016.

Dr. Mencio has been actively involved in medical mission work for 30 years. He enjoys cycling, golf, and travel but his real passion is his wife Madelyn, and their family - daughters Alyson and Marissa, and sons-in-law Ben and Andrew.

Accreditation Information continued

presentations, instructional courses, guest lectureships, symposia, multimedia educational sessions and poster sessions.

OBJECTIVES

Educational objectives will be met through a combination of paper presentations, lectures and symposia in plenary and specialty sessions allowing open discussion with the lecturers and paper presenters. The following objectives will be addressed during the Scientific Program, such that at the conclusion of this course the attendees should be able to:

1. Critically evaluate orthopaedic diseases and treatments through evidence-based outcome presentations.
2. Discuss basic science and clinical study advances and their implications pertaining to the diagnosis and treatment of orthopaedic diseases.
3. Enhance and maximize clinical and operative skills in the management of new and leading technology in orthopaedic disorders.

These educational objectives will be obtained through paper presentations, instructional courses, guest lectureships, symposia, multimedia educational sessions and poster sessions.

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 Southern Orthopaedic Association. The Southern 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, July 21-23, from approximately 7:00 am until 2:30 pm.

SCIENTIFIC E-POSTER SESSIONS

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

PHYSICIAN REGISTRATION FEE

Registration covers the Scientific Program, Syllabus, daily continental breakfasts and coffee breaks, general meeting expenses, Multimedia Education sessions, Scientific E-Poster sessions, the Welcome Dinner, Exhibitor Reception and the Gala Dinner Dance.

6:00 am – 7:00 am	Scientific E-Poster Session
6:50 am – 6:55 am	Welcome and Announcements Andrew A. Shinar, MD, President Deryk G. Jones, MD, Program Chair
6:55 am – 7:10 am	First Business Meeting *CME Credit Not Available
7:10 am – 7:40 am	SPECIAL SESSION 1 *CME Credit Not Available
7:40 am – 8:10 am	Focused Breakfast Presentation *CME Credit Not Available
8:15 am – 8:45 am	RAPID FIRE SESSION 1A-E
8:45 am – 9:05 am	Break – Please visit Exhibits
SYMPOSIUM 1: My Experience as a Team Physician Over the Past 40 Years Moderator: E. Lyle Cain, MD, Andrews Sports Medicine	
9:05 am – 9:45 am	My Experience as a Team Physician Over the Past 40 Years James R. Andrews, MD, Andrews Institute for Orthopaedics & Sports Medicine
SYMPOSIUM 2: Diversity in Medicine Moderator: Craig H. Bennett, MD, University of Maryland Medical Center	
9:45 am – 9:55 am	Why Diversity is Important in Orthopaedic Surgery in 2022: My Personal Journey Eric W. Carson, MD, Washington University Physicians
9:55 am – 10:15 am	Panel Discussion Craig H. Bennett, MD, University of Maryland Medical Center Eric W. Carson, MD, Washington University Physicians Deryk G. Jones, MD, Ochsner Sports Medicine Institute
10:15 am – 10:25 am	Questions
10:25 am – 10:45 am	Break – Please visit Exhibits
GENERAL SESSION 2: OREF Report and Presidential Guest Speaker *CME Credit Not Available	
10:45 am – 10:50 am	OREF Report Lee Grossman, OREF
10:50 am – 10:55 am	Introduction of the Presidential Guest Speaker Andrew A. Shinar, MD, Vanderbilt Orthopaedic Institute
10:55 am – 11:25 am	Presidential Guest Speaker On the Frontlines... Zachary Shinar, MD, Sharp Memorial Hospital
11:25 am – 11:55 am	Focused Lunch Presentation *CME Credit Not Available
12:00 pm – 12:30 pm	RAPID FIRE SESSION 2A-E
SYMPOSIUM 3: Cartilage Treatment Moderator: Deryk G. Jones, MD, Ochsner Sports Medicine Institute	
12:35 pm – 1:05 pm	Current Treatment Algorithm for Cartilage Lesions in 2022

	Deryk G. Jones, MD, Ochsner Sports Medicine Institute
1:05 pm – 1:20 pm	Questions
CONCURRENT SYMPOSIA 4A: Trauma to the Foot & Ankle Moderator: James A. Nunley, MD, Duke University	
1:25 pm – 1:35 pm	Turf Toe Injuries Sameh A. Labib, MD, Emory University
1:35 pm – 1:45 pm	Lisfranc Injuries Robert D. Santrock, MD, Orthopedic Foot & Ankle Center
1:45 pm – 1:55 pm	Jones Fractures Christopher E. Gross, MD, Medical University of South Carolina
1:55 pm – 2:05 pm	Navicular Fractures James A. Nunley, MD, Duke University
2:05 pm – 2:10 pm	Discussion
CONCURRENT SYMPOSIA 4B: Spine Moderator: Gregory Grabowski, MD, Palmetto Health at USC	
1:25 pm – 2:10 pm	Case-Based Discussion Panel: John G. DeVine, MD, Augusta University Steven M. Theiss, MD, University of Alabama at Birmingham John France, MD, West Virginia University Cases: Lumbar Disc Herniation Lumbar Spondylolysis Lumbar Strain/Other Causes of LBP
SOA Round Table Discussions	
2:15 pm – 3:15 pm	Total Joints Moderator: Brian M. Curtin, MD, OrthoCarolina Hip and Knee Center Brian M. Curtin, MD, OrthoCarolina Hip and Knee Center Stephen T. Duncan, MD, University of Kentucky Steve Engstrom, MD, Vanderbilt University Brian A. Jewett, MD, Slocum Center for Orthopedics J. Ryan Martin, MD, Vanderbilt University Sports Moderator: Scott D. Mair, MD, University of Kentucky E. Lyle Cain, MD, Andrews Sports Medicine Eric W. Carson, MD, Washington University Physicians Jeffrey A. Guy, MD, University of South Carolina Deryk G. Jones, MD, Ochsner Sports Medicine Institute Scott D. Mair, MD, University of Kentucky
3:15 pm – 5:00 pm	Scientific E-Poster Session

6:00 am – 7:00 am

Scientific E-Poster Session

7:00 am – 7:05 am

Announcements

Deryk G. Jones, MD, Program Chair

SPECIAL SESSION 2 *CME Credit Not Available

Maintaining Relevance in a Value-Based Environment

Panel Discussion Moderator: Marney Reid, Independent Consultant

7:05 am – 7:25 am

Panel:

C. Lowry Barnes, MD, University of Arkansas for Medical Sciences
Ryan M. Nunley, MD, Washington University
Goran Dragolovic, Covenant Physician Partners

7:25 am – 7:55 am

Focused Breakfast Presentation

*CME Credit Not Available

8:00 am – 8:30 am

RAPID FIRE SESSION 3A-E

8:30 am – 8:50 am

Break – Please visit Exhibits

SYMPOSIUM 5: Total Knee Arthroplasty

Moderator: Robert L. Barrack, MD, Washington University Physicians

8:50 am – 8:57 am

Case for Cementless TKA
Robert L. Barrack, MD, Washington University Physicians

8:57 am – 9:04 am

Cementing Techniques in TKA
J. Ryan Martin, MD, Vanderbilt University

9:04 am – 9:11 am

Do You Need a Robot?
James A. Browne, MD, University of Virginia

9:11 am – 9:18 am

Medial Pivot Knee
C. Lowry Barnes, MD, University of Arkansas for Medical Sciences

9:18 am – 9:25 am

DVT Prophylaxis
Paul F. Lachiewicz, MD, Duke University

9:25 am – 9:35 am

Questions & Discussion

SYMPOSIUM 6: Trauma Case Based Discussions

Moderator: John France, MD, West Virginia University

9:35 am – 10:20 am

Titles/Speakers TBD

GENERAL SESSION 3: L. Andrew Koman, MD Distinguished Southern Orthopaedist

Presented by Atrium Health Musculoskeletal Institute

10:20 am – 10:25 am

Introduction of L. Andrew Koman, MD Distinguished Southern Orthopaedist
L. Andrew Koman, MD, Wake Forest University

10:25 am – 10:55 am

L. Andrew Koman, MD Distinguished Southern Orthopaedist
A Tale of Two Nails: Reflections on the Treatment of Fractures in Children Over the Past 30 Years
Gregory Mencio, MD, Vanderbilt University Medical Center

10:55 am – 11:15 am

Break – Please visit Exhibits

GENERAL SESSION 4: AAOS REPORT *CME Credit Not Available

11:15 am – 11:30 am

AAOS Report
Felix H. "Buddy" Savoie III, MD, Tulane Orthopaedics

11:30 am – 12:00 pm

Focused Lunch Presentation
*CME Credit Not Available

12:05 pm – 12:35 pm

RAPID FIRE SESSION 4A-E

SYMPOSIUM 7: Total Hip

Moderator: Michael P. Bolognesi, MD, Duke University

12:40 pm – 12:46 pm

Optimal Bearing Combination in 2023
William J. Maloney, MD, Stanford University

12:46 pm – 12:52 pm

Intraoperative Imaging
Robert L. Barrack, MD, Washington University Physicians

12:52 pm – 12:58 pm

Dual Mobility
Ryan M. Nunley, MD, Washington University

12:58 pm – 1:04 pm

Preventing Fractures in the Anterior Approach
Brian A. Jewett, MD, Slocum Center for Orthopedics

1:04 pm – 1:10 pm

Defending the Posterior Approach
Amar S. Ranawat, MD, Hospital for Special Surgery

1:10 pm – 1:16 pm

Title TBD
Michael P. Bolognesi, Duke University

1:16 pm – 1:25 pm

Questions & Discussion

SYMPOSIUM 8: Trauma Debates

Moderator: Holly Tyler-Paris Pilson, MD, Wake Forest Baptist Health

Proximal Humerus Fracture Debates

1:25 pm – 1:27 pm

Introduction
Holly Tyler-Paris Pilson, MD, Wake Forest Baptist Health

1:27 pm – 1:35 pm

Position 1- Fix It and Forget It- When Non-Op Treatment Won't Do: ORIF vs. IMN- My Indications, Tips and Tricks and Pitfalls

1:35 pm – 1:43 pm

Position 2- Fix It and Regret It- Arthroplasty is a Better Option- My Indications, Tips and Tricks and Pitfalls

1:43 pm – 1:48 pm

Summary & Questions

Distal Femur Fracture Debates

1:48 pm – 1:50 pm

Introduction
Holly Tyler-Paris Pilson, MD, Wake Forest Baptist Health

1:50 pm – 1:58 pm

Position 1- Fix and Forget It - ORIF vs. rIMN for Osteoporotic Fractures: My Indications, New Implants and

Scientific Program | Friday, July 22

Presenters and times are subject to change.

1:58 pm – 2:06 pm	Techniques, Tips and Tricks, Weight Bearing and Pitfalls Position 2- Fix It and Regret It- Arthroplasty or Revision is a Better Option: My Indications, Tips and Tricks and Pitfalls Arun Aneja, MD, PhD, University of Kentucky	2:06 pm – 2:10 pm 2:20 pm – 3:20 pm 2:20 pm – 3:50 pm	Summary & Questions Scientific E-Poster Session RESIDENT COURSE: Finding The Right Job for You, and Then What
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RESIDENT COURSE | Moderator: Marney Reid, Independent Consultant

2:20 pm – 3:50 pm **Finding The Right Job for You, and Then What**

Panel:

Cynthia L. Emory, Wake Forest University School of Medicine
Wesley Greer, MD, WRMC Orthopaedic and Sports Medicine Clinic
Christopher A. Heck, MD, Southlake Orthopaedics
Oke A. Anakwenze, MD, MBA, Duke University

Discussion topics:

- Employment Models – The Good, The Bad, The Reality
- When and How to Look for a Job
- Interview Tips
- Assessing Compensation Models
- Contract “Watch Outs”
- The First 6 Months in Practice



Scientific Program | Saturday, July 23

Presenters and times are subject to change.

6:00 am – 7:00 am	Scientific E-Poster Session	8:48 am – 8:56 am	Treatment of the 1st-Time Dislocator Michael J. Kissenberth, MD, Prisma Health
6:45 am – 7:00 am	Second Business Meeting	8:56 am – 9:04 am	Anterior Instability in the Contact Athlete W. Stephen Choate, MD, Ochsner Sports Medicine Institute
7:00 am – 7:05 am	Announcements Deryk G. Jones, MD, Program Chair	9:04 am – 9:12 am	Traumatic Posterior Instability Kevin W. Farmer, MD, University of Florida
7:05 am – 7:35 am	SPECIAL SESSION 3 *CME Credit Not Available Practical Information for the Practicing Orthopedist Updates in E & M Coding Steve Engstrom, MD, Vanderbilt University Online Reviews - What Every Doctor Needs To Know Benjamin Holt, MD	9:12 am – 9:20 am	Instability After Reverse Shoulder Arthroplasty Howard D. Routman, MD, Palm Beach Shoulder Service
7:35 am – 8:05 am	Focused Breakfast Presentation *CME Credit Not Available	9:20 am – 9:25 am	Discussion
8:05 am – 8:35 am	RAPID FIRES SESSION 5A-E CONCURRENT SYMPOSIUM 9A: Shoulder Instability Moderator: Michael J. O'Brien, MD, Tulane University	CONCURRENT SYMPOSIUM 9B: Soft Tissue Masses: A Visual Guide to the Good, the Bad, and the Ugly Moderator: Ginger E. Holt, MD, Vanderbilt University	
8:40 am – 8:48 am	History of Arthroscopic Stabilization, Change is Good Felix H. "Buddy" Savoie III, MD, Tulane Orthopaedics	8:40 am – 8:50 am	Intro and Why You Don't Want to Miss a STS Ginger E. Holt, MD, Vanderbilt University
		8:50 am – 9:00 am	Imaging of Soft Tissue Masses Cynthia L. Emory, MD, MBA, Wake Forest University School of Medicine

9:00 am – 9:10 am	Top 10 STS Mimics Alexandra K. Callan, MD, UT Southwestern Medical Center
9:10 am – 9:25 am	Cases & Discussion
9:25 am – 9:50 am	Break – Please visit Exhibits
9:50 am – 10:35 am	RESIDENT AWARD SESSION
GENERAL SESSION 5: BOC Report and Presidential Address	
Moderator: Deryk G. Jones, MD, Ochsner Sports Medicine Institute	
*CME Credit Not Available	
10:35 am – 10:45 am	BOC Report Michael P. Horan, MD, Prisma Health Orthopedics
10:45 am – 10:50 am	Introduction of Presidential Address Deryk G. Jones, MD, Ochsner Sports Medicine Institute
10:50 am – 11:20 am	Presidential Address Andrew A. Shinar, MD, Vanderbilt Orthopaedic Institute
11:20 am – 11:35 am	REFRESHMENT BREAK
CONCURRENT SYMPOSIUM 10A: Hand	
Moderator: Abhinav Bobby Chhabra, MD, University of Virginia	
11:35 am – 11:45 am	Advances in the Treatment of Hand, Wrist, & Elbow Trauma Peter J. Apel, MD, PhD, Carilion Orthopaedics
11:45 am – 11:55 am	Advances in the Treatment of Nerve Injuries John Li, MD, PhD, Wake Forest University

11:55 am – 12:05 pm	Advances in the Treatment of Sports Injuries to the Hand, Wrist & Elbow Abhinav Bobby Chhabra, MD, University of Virginia
12:05 pm – 12:15 pm	Biologics and Their Use in Upper Extremity Injuries, the Future L. Andrew Koman, MD, Wake Forest University
12:15 pm – 12:20 pm	Discussion
CONCURRENT SYMPOSIUM 10B: Pediatrics	
Moderator: Megan E. Johnson, MD, Scottish Rite for Children	
11:35 am – 11:42 am	Pediatric Upper Extremity Fractures Amy L. McIntosh, MD, Scottish Rite for Children
11:42 am – 11:49 am	Pediatric Lower Extremity Fractures Joshua S. Murphy, MD, Children's Healthcare of Atlanta
11:49 am – 11:56 am	Pediatric Hip Conditions William Z. Morris, MD, Scottish Rite for Children
11:56 am – 12:03 pm	The Pediatric/Adolescent Athlete Kendall E. Bradley, MD, Duke University
12:03 pm – 12:10 pm	Pediatric Orthopedic Conditions Not to Miss in Clinic Craig R. Louer, MD, Vanderbilt University Medical Center
12:10 pm – 12:20 pm	Discussion
12:25 pm – 12:55 pm	RAPID FIRE SESSION 6A-E
1:00 pm – 2:30 pm	Scientific E-Poster Session



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WEDNESDAY, JULY 20

12:00 pm – 5:00 pm	Meeting Registration
12:00 pm – 5:00 pm	Exhibit Setup
2:00 pm – 5:00 pm	SOA Board of Trustees Meeting

THURSDAY, JULY 21

6:30 am – 3:15 pm	Meeting Registration
6:30 am – 3:15 pm	Technical Exhibits, Continental Breakfast, Coffee Breaks and Daily Drawing

6:55 am – 7:10 am	First Business Meeting
7:40 am – 8:10 am	Focused Breakfast Presentation *CME Credit Not Available

Spouse/Guest/Children's Hospitality

Enjoy a continental breakfast with old friends and get to know new ones, while learning about the rich history of the Greenbrier Resort.

Price: Included in Registration Fee or \$40 per Unregistered Adult Guest / \$20 per Unregistered Child (5-17)

Historian Tour of The Greenbrier Resort

This tour takes you through the resort to learn about its history and appreciate its grandeur. Along the way, hear stories about legendary guests who have graced the halls over the years.

Price: Complimentary for Greenbrier guests

Focused Lunch Presentation *CME Credit Not Available

SOA Councilors Meeting

Fly Fishing

Enjoy some spectacular catch-and-release fly fishing for trout or small-mouth bass, at Howard's Creek right here on the Greenbrier property. Anglers of all levels can take pleasure in the stunning views of the Allegheny Mountains. Includes guided fly fishing and fly-casting instruction.

Price: \$245 per person (Includes gratuity, tax & historic preservation fund)

Casino 101

Enjoy a gaming demonstration held by the Casino Staff as they present the basic skills needed to confidently rule any table in the casino. This fun class offers a chance to learn the secrets behind the odds, and how the "house advantage" is set up. Along with the table games, you'll also gain a better understanding on the mechanics of slot machines and sports betting.

Price: \$60 per person (Each participant will receive \$20 in free slot play)

New Member Reception

All new SOA Members are invited to attend! The SOA Board and Committee Members would like to welcome you personally to the organization.

Attire: Resort Casual

Price: Included in Registration Fee

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

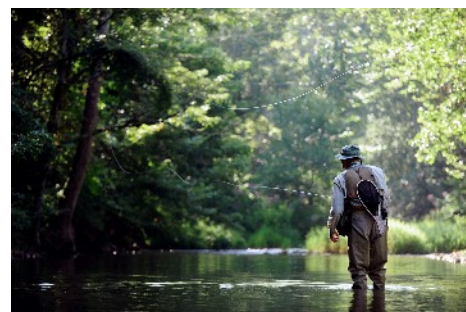
Price: Included in Registration Fee or \$100 per Unregistered Adult Guest / \$50 per Unregistered Child (5-17)



FRIDAY, JULY 22

6:30 am – 2:10 pm	Meeting Registration
6:30 am – 2:10 pm	Technical Exhibits, Continental Breakfast, Coffee Breaks and Daily Drawing
7:25 am – 7:55 am	Focused Breakfast Presentation *CME Credit Not Available


Spouse/Guest/Children's Hospitality

Enjoy a continental breakfast with friends while listening to Dr. Zack Shinar talk about household emergencies. Following, we will have a falconry demonstration and encourage you to get up-close-and-personal with these majestic birds. You will have the



	<p>opportunity to interact with trained hawks and falcons, as well as learn the history behind this "sport of kings," which has been performed for over 4,000 years. Price: Included in Registration Fee or \$40 per Unregistered Adult Guest / \$20 per Unregistered Child (5-17)</p>	
10:30 am – 11:30 am	<p>Children's Golf Clinic One-hour clinic covering the fundamentals of golf. Must wear golf attire (collared shirts, Bermuda shorts and sneakers). Price: \$70 per child (Minimum 5 participants)</p>	
11:30 am – 12:00 pm	<p>Focused Lunch Presentation *CME Credit Not Available</p>	
12:00 pm – 1:00 pm	<p>Adult Golf Clinic In this 1-hour group setting, golfers will work on the basics and fundamentals of the game. From address position to getting a better ball flight pattern, this clinic is great for the novice, intermediate and advanced players. Although it is a group setting, all students will be taught individually. A wonderful refresher for the seasoned player and a great way to learn the game for the newer player. Price: \$85 per person (Minimum 5 participants)</p>	
1:00 pm – 5:00 pm	<p>Golf Tournament - 1:00 pm Tee Time Lakeside/Meadows was originally opened in 1911 and in 1999 the course was redesigned by Bob Cupp. A dramatically upgraded and improved Meadows Course features newly reconstructed greens and stacked sod bunkers, and the course has taken its place among the other championship designs at The Greenbrier. The tournament will be a 1:00 pm shotgun with a scramble format. *Eat at the Focused Lunch Presentation prior to the tournament. Price: \$240 per person (Includes greens fees, beverage cart and prizes)</p>	
2:00 pm – 3:30 pm	<p>Tennis Round Robin 3.5 USTA rating or better Price: \$14 per person (Minimum 4 participants)</p>	
2:20 pm – 3:50 pm	<p>Resident Course</p>	
5:30 pm – 7:30 pm	<p>Exhibitor Reception Before you go to dinner, start your evening off with drinks and hors d'oeuvres with SOA. Attire: Business Casual Price: Included in Registration Fee or \$75 per Unregistered Adult Guest</p>	
5:30 pm – 7:30 pm	<p>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 program is provided only for parents attending the Exhibitor Reception. Price: Included in Registration Fee or \$25 per Unregistered Child (5-17 years)</p>	

SATURDAY, JULY 23

6:30 am – 12:55 pm	Meeting Registration	
6:30 am – 12:55 pm	Technical Exhibits, Continental Breakfast, Coffee Breaks and Daily Drawing	
6:45 am – 7:00 am	Second Business Meeting	
7:35 am – 8:05 am	Focused Breakfast Presentation *CME Credit Not Available	
8:30 am – 10:00 am	<p>Spouse/Guest/Children's Hospitality Enjoy a continental breakfast! We will build hygiene kits to donate to a shelter. Hygiene kits are a great way to give back to our local communities in an affordable, mobile, fun way. Price: Included in Registration Fee or \$40 per Unregistered Adult Guest / \$20 per Unregistered Child (5-17)</p>	
2:00 pm – 3:00 pm	<p>Pickleball Clinic Enjoy one of the fastest-growing sports in the United States. A game for all ages and abilities, pickleball combines elements of tennis, table tennis and badminton. Price: \$85 per person (Includes instruction, paddles, balls, tax & historic preservation fund)</p>	
2:00 pm – 4:00 pm	<p>Bubba Armstrong Sporting Clay Tournament Located atop Kate's Mountain, the Gun Club's current offerings include four combination trap and skeet fields and a 10-station sporting clays course that challenges shooters of all skill levels. Price: \$155 per person (Includes shotgun, shells, safety equipment and vest as well as gratuity, tax & historic preservation fund)</p>	

3:00 pm – 4:00 pm

Pickleball Open Play

Play includes court rental, paddles and balls.
Price: \$12 per person (Includes tax & historic preservation fund)



6:30 pm – 11:00 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 program is provided **only** for parents attending the Gala Dinner Dance.
Price: Included in Registration Fee or \$25 per Unregistered Child (5-17 years)

6:30 pm – 11:00 pm

Gala Dinner Dance

This will be an event to remember with world-renowned cuisine, great company, and plenty of dancing!
Attire: Black Tie Optional
Price: Included in Registration Fee or \$150 per Unregistered Adult Guest; \$75 Surcharge per Child (5-17 years)

SUNDAY, JULY 24

8:30 am – 9:30 am

Fellowship and Worship

Bring your breakfast and join us for Sunday morning fellowship and worship.
Price: Included in registration fee



Hotel & Travel Information

The Greenbrier

Located amid the wondrous Allegheny Mountains of West Virginia, The Greenbrier is a National Historic Landmark and world-class resort that has been welcoming guests from around the world since 1778. It has long been a favorite destination of royalty, celebrities, business leaders and Presidents. A new era of elegance awaits you at The Greenbrier by combining the graciousness of the past with exceptional comforts of today.

The Greenbrier is widely regarded as one of the finest luxury resorts around the world. The natural mineral springs that drew the first guests over 235 years ago continues to lure visitors to the 11,000-acre luxury retreat. It offers exclusive services and amenities such as championship golf, fine dining, more than 50 activities, designer boutiques, a world-renowned mineral spa and a 103,000 square foot gaming and entertainment venue. Discover the unparalleled selection of luxury leisure pursuits and outdoor adventures designed to satisfy and stimulate your widest range of interests.

Hotel Reservation Information

The SOA has reserved a block of rooms for your convenience while attending the Annual Meeting and will hold these rooms until **June 22, 2022**. To make a reservation, call the Greenbrier at **800-453-4858**. Space is limited, so make your reservation early!

Room	Rates
Traditional room	\$269
Superior room	\$289
Deluxe room	\$309

Travel Information

Greenbrier Valley Airport (LWB) is the primary airport, located only 15 minutes from the The Greenbrier. For limousine and shuttle service, contact The Greenbrier Travel Dept at **800-453-4858**. Valet parking is \$25 per night. Self-parking is complimentary.



Annual Meeting Registration Form

Southern Orthopaedic Association's 39th Annual Meeting

July 20-23, 2022 • The Greenbrier Resort • White Sulphur Springs, WV
www.soaassn.org • Phone: 866-762-0730 • 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 Sessions, Multimedia Education Sessions, Symposia, Continental Breakfasts, Workshops, Breaks, Welcome Dinner, Exhibitor Reception, Gala Dinner Dance.

Spouse/Guest Registration Fee Includes: Spouse/Guest/Child Hospitality Thursday-Saturday, Welcome Dinner, Exhibitor Reception, and Gala Dinner Dance.

Child Registration Fee Includes: Spouse/Guest/Child Hospitality Thursday-Saturday, Welcome Dinner, Kids' Movie Nights on Friday and Saturday.

#	Registrant Category	Fee
	New 2022 SOA Member Physician	\$395
	SOA Member Physician	\$695
	Non Member Physician	\$995
	Non Member Physician Presenter	\$695
	Emeritus Member	\$400
	Active Duty Military	\$200
	Allied Health Professional	\$350
	Resident/Fellow	\$150
	Medical Student	\$150

#	Guest Category	Regular Fee
	Spouse/Guest (18+)	\$225
	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 include their name badges in your registration packet. Registered children (5-17) will receive a wristband.

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

Spouse/Guest Email Address for Meeting Updates

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.

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. SOA will attempt to sell unwanted tickets on a first-come, first-served basis. If SOA successfully sells your unwanted ticket, you will receive a full refund of the ticket cost. SOA 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
	Historian Tour of The Greenbrier - Thu 7/21 (Free)	
	Fly Fishing - Thurs 7/21 (\$245)	
	Casino 101 - Thurs 7/21 (\$60)	
	Children's Golf Clinic - Fri 7/22 (\$70)	
	Adult Golf Clinic - Fri 7/22 (\$85)	
	Golf Tournament - Fri 7/22 (\$240)	
	Tennis Round Robin - Fri 7/22 (\$14)	
	Sporting Clay Tournament - Sat 7/23 (\$155)	
	Pickleball Clinic - Sat 7/23 (\$85)	
	Pickleball Open Play - Sat 7/23 (\$12)	
	Sunday Fellowship & Worship - Sun 7/24 (Free)	

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
	Spouse/Guest/Child Hospitality - Adult (\$40) - Thu	
	Spouse/Guest/Child Hospitality - Child 5-17 (\$20) - Thu	
	Welcome Dinner - Adult (\$100) - Thu	
	Welcome Dinner - Child 5-17 (\$50) - Thu	
	Spouse/Guest/Child Hospitality - Adult (\$40) - Fri	
	Spouse/Guest/Child Hospitality - Child 5-17 (\$20) - Fri	
	Exhibitor Reception - Adult (\$75) - Fri	
	Kids' Movie Night (\$25) - Fri	
	Spouse/Guest/Child Hospitality - Adult (\$40) - Sat	
	Spouse/Guest/Child Hospitality - Child 5-17 (\$20) - Sat	
	Gala Dinner Dance - Adult (\$150) - Sat	
	Kids' Movie Night (\$25) - Sat	
	Gala Dinner Dance - CHILD SURCHARGE (\$75) - Sat	

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

◇ Check Enclosed (payable to Southern Orthopaedic Association)

◇ Charge my: ◇ Visa ◇ MasterCard ◇ American Express

Credit Card Number	Expiration Date	CVV
Name on Card		
Billing Address	City	State ZIP



Southern
Orthopaedic
Association

110 West Rd, Suite 227
Towson, MD 21204

Southern Orthopaedic Association
39th Annual Meeting
July 20-23, 2022 | The Greenbrier

