



Maryland Orthopaedic Association

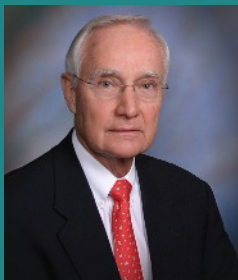
2022 Annual Meeting



March 19, 2022 • Graduate Annapolis Hotel • Annapolis, MD



Meeting at a Glance



Presidential Guest Speaker

David P. Green, MD
The Hand Center of San Antonio
San Antonio, TX

Presidential Guest Speaker

Kaye E. Wilkins, MD
University of Texas Health Science Center at San Antonio
San Antonio, TX





President's Welcome

John V. Ingari, MD

President, Maryland Orthopaedic Association

Dear Colleague,

I am delighted to welcome our members, residents, fellows, exhibitors and guests to the 2022 Annual Meeting of the Maryland Orthopaedic Association (MOA). Since the origin of the MOA in 1966, your state professional organization has been the leading vehicle for continued education and fellowship among Maryland orthopaedic surgeons. Our mission to encourage, promote, and advance the science and medical art and practice of orthopaedic surgery has taken many new avenues in continuous improvement of our profession.

The Annual Meeting is the premier forum for the MOA's scientific, educational, and advocacy awareness. With the dedication of this year's program committee, Board, and executive staff led by our Program Chairman, Dr. Philip McClure, we are excited to present a meaningful event to bring practical and inspiring material home to our professional practices and our patients.

In continued service to our mission, the annual meeting remains free of cost for our membership. We have continued to provide web based clinical material, practice management material, enhanced resident involvement with our Resident's Corner site, as well as an ongoing relay for information on pertinent state legislative activity and communications from the AAOS.

Lastly, we have strengthened our longstanding role for advocacy and interaction with state legislature and the executive branch. Our legislative committee structure has expanded this year with ongoing engagement year to year with your state representatives. The voice of Maryland orthopaedic surgeons is strong with your support. I invite each of you to join me in supporting the MOA Political Action Committee with a donation to the PAC through www.mdortho.org.

It has been an honor to serve as President of our Maryland Orthopaedic Association. I look forward to seeing you at our 2022 meeting and working together to guide our profession into the next decade. We on the Board of Directors greatly appreciate your involvement and membership in the Maryland Orthopaedic Association and I encourage you to remain engaged in support of our mission.

Sincerely,

Jack Ingari

John V. Ingari, MD President

MOA Board of Directors

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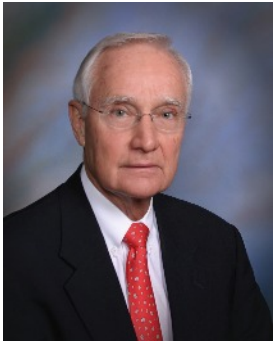
Michael Livesey, MD

Greg Mawn, MD

Sarah Nelson, MD

2022 Program Chair

Philip K. McClure, MD



Presidential Guest Speaker

David P. Green, MD

The Hand Center of San Antonio

A native Texan, Dr. Green grew up in El Paso, but went to New York City for his orthopaedic and hand surgery training. In 1970, he joined the full time faculty of the Department of Orthopaedics at the Medical School in San Antonio. For eight years he was the Coordinator of Resident Training, serving also as Chief of the Hand Surgery Service.

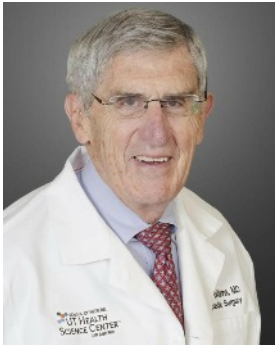
While at medical school, Dr. Green co-authored, with Dr. Charles A. Rockwood, a two volume textbook on fractures that is now in its 8th edition and is the standard reference book on this subject.

In 1978, he left the medical school and became the first surgeon in San Antonio to devote his practice entirely to hand and upper extremity surgery.

Dr. Green has a special interest and extensive experience in treating athletic injuries of the hand and wrist and has treated numerous professional athletes, and continues to treat high school and college athletes from the San Antonio area and surrounding communities.

Dr. Green has edited a comprehensive textbook entitled *Operative Hand Surgery* (now in its 7th edition), which is used not only throughout the entire United States, but by hand surgeons in virtually every country in the world. He is also a past president of the American Society for Surgery of the Hand, and has been honored with numerous awards.

Dr. Green is an enthusiastic skier, a drop-out bluegrass banjo picker, and has published several non-medical books that can be found on his author page on Amazon.com.



Presidential Guest Speaker

Kaye Wilkins, MD

University of Texas Health Science Center at San Antonio

Dr. Kaye Wilkins graduated from Colorado State University in 1958 with an undergraduate degree and Doctor of Veterinary Medicine. After practicing both large and small animal veterinary medicine for four years, he entered Southwestern Medical School in 1962. Following completion of his internship at Parkland Hospital in 1967, Dr. Wilkins served in the USAF in Iraklion (Crete), Greece until 1969. After completing his orthopaedic training at UT Southwestern in 1972, he did his fellowship at Hospital for Sick Children in Toronto, Canada. For the next 44 years he was a member of the faculty of the Department of Orthopaedics in the School of Medicine at the University of Texas Health Science Center at San Antonio.

Dr. Wilkins was one of the founding members of the Pediatric Orthopedic Study Group (POSG) which ultimately united with the Pediatric Orthopedic Group to become the Pediatric Orthopaedic Society of North American (POSNA) and played a major role in unifying these two competing societies, serving as POSNA president in 1987-1988. From 1980-2002, Dr. Wilkins served as Chairman of the Committee on Orthopedics in Underdeveloped Regions (COUR) which organized pediatric orthopedic outreach education courses around the world. To date, this committee has conducted 38 Outreach Continuing Pediatric Orthopedic Education Courses in 32 countries and Dr. Wilkins personally participated as a faculty member in at least 25 of these. Dr. Kaye Wilkins is a true humanitarian, surgeon, and educator who has spent his life giving to others.



Scientific Program

Regatta Ballroom (Unless otherwise specified)
March 19, 2022 | Graduate Annapolis Hotel | Annapolis, MD

Presenters and times
subject to change

- 6:00 am – 4:00 pm **Speaker Ready Room** [Surgeon Meeting Room](#)
- 6:00 am – 4:15 pm **Scientific Poster Presentations**
- 6:00 am – 6:50 am **Registration & Continental Breakfast** [Atrium](#)
- 6:50 am – 7:00 am **Welcome & Course Overview**
John V. Ingari, MD, President
Philip K. McClure, MD, Program Chair

Session 1 – Foot & Ankle Symposium

Moderator: Jacob M. Wisbeck, MD, MedStar Union Memorial

- 7:00 am – 7:09 am Arthroplasty vs. Fusion Ankle Arthritis
John T. Campbell, MD, Mercy Medical Center
- 7:09 am – 7:18 am Blocks in Foot and Ankle Surgery: Safety and Risks
Nigel N. Hsu, MD, Johns Hopkins University
- 7:18 am – 7:27 am The Syndesmosis: How It Screws You
Natalie Danna, MD, University of Maryland Medical Center
- 7:27 am – 7:35 am Discussion

Session 2 – Deformity Across Specialties Symposium

Moderator: John E. Herzenberg, MD, International Center for Limb Lengthening

- 7:35 am – 7:44 am Osteotomy vs. Arthroplasty (Arthroplasty)
James Nace, DO, Rubin Institute for Advanced Orthopaedics
- 7:44 am – 7:53 am Osteotomy vs. Arthroplasty (Osteotomy + Sports Implications)
Michael Assayag, MD, International Center for Limb Lengthening
- 7:53 am – 8:02 am Leg Length Discrepancy vs. Osteotomy in Sports
Philip K. McClure MD, International Center for Limb Lengthening
- 8:02 am – 8:10 am Discussion

8:10 am – 8:30 am Break with Exhibitors [Atrium](#)

Session 3 – Orthopaedics on Steroids Symposium

Moderator: Ronald E. Delanois, MD, Sinai Hospital of Baltimore

- 8:30 am – 8:39 am Corticosteroids and TKA Arthroplasty
Paul J. King, MD, Anne Arundel Medical Group
- 8:39 am – 8:48 am Corticosteroids in Spinal Pathology (+/- Prefusion)
Julio J. Jauregui, MD, University of Maryland
- 8:48 am – 8:57 am Corticosteroids in Upper Extremity (Hand/Elbow – Tendon Rupture)
Mark A. Slabaugh, MD, Mercy Medical Center
- 8:57 am – 9:05 am Discussion

Session 4 – Sports/Shoulder Symposium

Moderator: Amir R. Moinfar, MD, Elite Orthopaedic & Musculoskeletal Center

- 9:05 am – 9:14 am Update on Rotator Cuff Techniques
Uma Srikumaran, MD, MBA, Johns Hopkins University
- 9:14 am – 9:23 am RTSA: Here to Stay
Edward G. McFarland, MD, Johns Hopkins University
- 9:23 am – 9:32 am PRP – Who Does It Work For?
Craig Bennett, MD, Lifebridge Health
- 9:32 am – 9:40 am Discussion

Presidential Guest Speaker Presentation

Moderator: John V. Ingari, MD, Lifebridge Health

- 9:40 am – 10:10 am Orthopaedics Will Overcome
Kaye E. Wilkins, MD, University of Texas Health Science Center at San Antonio

10:10 am – 10:30 am Break with Exhibitors [Atrium](#)

Session 5 – Abstracts

Moderator: Philip K. McClure, MD, International Center for Limb Lengthening

- 10:30 am – 10:36 am 1.5- vs. 2-Stage Exchange TKA following PJI
Oliver C. Sax, DO, MS, Rubin Institute for Advanced Orthopedics, Sinai Hospital of Baltimore
- 10:36 am – 10:42 am Bacteriophage Therapy Potential for Periprosthetic Joint Infection Staphylococcal Isolates
Brian De Palma, MD, University of Maryland Medical Center
- 10:42 am – 10:48 am Anatomical Study of the Popliteal Artery in the Pediatric Knee
Frederick Mun, BS, BA, Penn State College of Medicine
- 10:48 am – 10:54 am Comparison of Arthroscopy vs. Open Arthrotomy for Treatment of Knee Septic Arthritis
Alexander Dobek, MPH, George Washington University School of Medicine and Health Sciences
- 10:54 am – 11:00 am Single-Dose Antibiotic Prophylaxis to Prevent Periprosthetic Joint Infection
Paulina Szakiel, MS, Georgetown University School of Medicine
- 11:00 am – 11:10 am Discussion

Scientific Program



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Business Meeting Including Advocacy and Election of Board of Directors

11:10 am – 11:25 am Business Meeting

Session 6 – Advocacy Symposium

Moderator: Gary W. Pushkin, MD, Baltimore, MD

11:25 am – 11:55 am Orthopods at the Table: Advocacy Through the AAOS
Douglas W. Lundy, MD, MBA, St. Luke's University Health Network

11:55 am – 12:00 pm Discussion

12:00 pm – 12:50 pm Lunch Break Atrium

Presidential Guest Speaker Presentation

12:50 pm – 1:20 pm Behind the Scenes. How the Books Were Born
David P. Green, MD, The Hand Center of San Antonio

Session 7 – Abstracts

Moderator: Philip K. McClure, MD, International Center for Limb Lengthening

1:20 pm – 1:26 pm Surgery Timing for Distal Radius Fractures by Geographic Socioeconomic Disadvantage
Amy L. Xu, BS, Johns Hopkins University

1:26 pm – 1:32 pm Racial Disparities in Spine Surgery
Kevin Mo, MHA, Johns Hopkins University

1:32 pm – 1:38 pm Patients from Underserved Areas have Worse Outcomes after TJA
S. Elliott Holbert, DO, Anne Arundel Medical Center

1:38 pm – 1:44 pm Patient Out-Of-Pocket Cost Burden with Elective Orthopaedic Surgery
Carlos Ortiz-Babilonia, BS, Johns Hopkins University

1:44 pm – 1:50 pm Does Patient-Level Payment Increase after Removal of TKA from the Inpatient-Only List?
Aoife MacMahon, MD, Johns Hopkins University School of Medicine

1:50 pm – 1:55 pm Discussion

Session 8 – Trauma Symposium

Moderator: Raymond A. Pensy, MD, University of Maryland Medical System

1:55 pm – 2:04 pm Pediatric Elbow (SCH Latest)
Joshua M. Abzug, MD, University of Maryland Medical System

2:04 pm – 2:13 pm Distal Humerus ORIF Tips/Tricks
Raymond A. Pensy, MD, University of Maryland Medical System

2:13 pm – 2:22 pm Update on Distal Radius
Clayton Alexander, MD, Mercy Medical Center

2:22 pm – 2:31 pm Clavicle Fractures WTD
S. Ashfaq Hasan, MD, University of Maryland Medical System

2:31 pm – 2:40 pm Discussion

2:40 pm – 3:00 pm

Break with Exhibitors Atrium

Session 9 – Abstracts

Moderator: Philip K. McClure, MD, International Center for Limb Lengthening

3:00 pm – 3:06 pm Fragility of Randomized Controlled Trials for Treatment of Proximal Humerus Fractures
Austin H. Carroll, BA, Georgetown University School of Medicine
*Presented by Melissa A. Wright, MD

3:06 pm – 3:12 pm Complications of MCGRs and TGRs in the Management of EOS: A Multicenter Database Study Of 800 Patients
Smitha E. Mathew, DC, Children's National Hospital

3:12 pm – 3:18 pm Biomechanical Comparison of Four- vs. Six-Strand Transosseous Suture Repair for Patellar Tendon Rupture
Tina Zhang, MD, University of Maryland School of Medicine

3:18 pm – 3:24 pm Adjustable Cortical Fixation Repair for Extensor Mechanism Rupture: Case Series
William R. Rate IV, MS, Georgetown University School of Medicine

3:24 pm – 3:30 pm CCN2 Knockout Demonstrates Enhanced Achilles Tendon Healing in Adult Mice
Danielle Sim, BA, University of Maryland School of Medicine
*Presented by Natalie L. Leong, MD

3:30 pm – 3:40 pm Discussion

Session 10 – Arthroplasty Symposium

Moderator: Henry R. Boucher, MD, MedStar Union Memorial

3:40 pm – 3:49 pm To Cement or Not (TKA)
Mark D. Hasenauer, MD, MedStar Union Memorial

3:49 pm – 3:58 pm UKA vs. TKA: Current Trends
Marc M. DeHart, MD, FDA

3:58 pm – 4:07 pm Robotic TKA: Here to Stay?
Michael A. Mont, MD, Sinai Hospital of Baltimore

4:07 pm – 4:15 pm Discussion

Presidential Guest Speaker Presentation

4:15 pm – 4:50 pm Awards Presentation

5:00 pm – 5:30 pm Panel Discussion – Career Aspirations
David P. Green, MD, The Hand Center of San Antonio
Kaye E. Wilkins, MD, University of Texas Health Science Center at San Antonio

Poster Presentations

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Poster Presentations

Trends in Diagnosis and Treatment of Osteoporosis after Periprosthetic Fractures

Tyler Bahoravitch, BA, George Washington University

Bariatric Surgery Prior to Total Hip Arthroplasty: Does Timing or Type Matter?

Sandeep S. Bains, MD, Rubin Institute of Advanced Orthopaedics at Sinai Hospital

Is Conversion Total Knee Arthroplasty a Distinct Surgical Procedure?

Zhongming Chen, MD, Rubin Institute for Advanced Orthopaedics, Sinai Hospital of Baltimore

Do Orthopaedic Trainees Have Sufficient Exposure to Open Shoulder Stabilization?

Grant Duvall, MD, Medstar Union Memorial Hospital

Infection Rates and Risk Factors After Magnetic Internal Nail Lengthening

Larysa P. Hlukha, MBBS, Rubin Institute for Advanced Orthopaedics, Sinai Hospital of Baltimore

Preoperative Expectations are not Predictive of Postoperative Hand Surgery Outcomes

Brandon Leon, University of Maryland School of Medicine

Single-Level Cervical Disc Replacement Associated with Increased Anterior Revision Compared to Anterior Cervical Discectomy and Fusion

Alisa Malyavko, MS, George Washington University School of Medicine and Health Sciences

Clinical Outcomes in Resurfaced Versus Non-Resurfaced Patellae After Arthroplasty using a Single Implant Type

Kevin Mekkawy, DO, Johns Hopkins University

Outcomes of Cruciate Retaining, Posterior Stabilized, and Ultracongruent Articulations in Total Knee Arthroplasty: An Analysis from the American Joint Replacement Registry

Kevin Mekkawy, DO, Johns Hopkins University

Transfusions after Bilateral Total Knee Arthroplasty: Risk Factors and Complications

Matthew J. Best, MD, Johns Hopkins University

Preoperative Duration of Pain is Associated with Chronic Opioid Use after Adult Spinal Deformity Surgery

Kevin Mo, MHA, Johns Hopkins University

The Impact of the COVID-19 Pandemic on the Orthopaedic Surgery Residency Application Process: What Can We Learn?

Bo Zhang, Johns Hopkins University

E-Poster Presentations

Emergency Department Visits After Outpatient Spine Surgery
Daniel Badin, MD, Johns Hopkins University

The Spectrum of Foot Deformities in Loews-Dietz Syndrome
Daniel Badin, MD, Johns Hopkins University

A Novel Method for Stratification of Major Complication Risk using Body Mass Index Thresholds for Patients Undergoing Total Hip Arthroplasty: A National Cohort of 224,413 Patients

Andrew Harris, MD, Johns Hopkins Orthopaedic Surgery

The Use of Adductor Canal Blocks in Patients Undergoing TKA
S. Elliott Holbert, DO, Anne Arundel Medical Center

Outcomes of Patients Undergoing TKA with Spinal Anesthesia
S. Elliott Holbert, DO, Anne Arundel Medical Center

Effects of Depression and Anxiety on Outcomes following Rotator Cuff Repair

Andrea H. Johnson, MSN, CRNP, Anne Arundel Medical Center

Emergency Department Visits for Pediatric Spine Fractures: Trends through COVID-19

Kevin Mo, MHA, Johns Hopkins University

Defining Completely Better Status Through Patient-Reported Outcomes After RCR

Seyedeh Z. Mousavi, University of Maryland School of Medicine

Foot Temperature Changes after Loss of MEPs in Spine Surgery
Frederick Mun, BS, BA, Penn State College of Medicine

Does Pre-Operative Statin Exposure Reduce PJI and Revisions following TJA?

Oliver Sax, DO, MS, Rubin Institute for Advanced Orthopaedics, Sinai Hospital of Baltimore

Osteolysis Resolution in Stainless-Steel Magnetic Limb Lengthening Nails After Explanation

Oliver Sax, DO, MS, Rubin Institute for Advanced Orthopaedics, Sinai Hospital of Baltimore

Impact of E-Scooter Injuries: A Meta-Analysis of 34 Studies

Priya Singh, MS, Johns Hopkins University School of Medicine

Anatomical Study of the Adductor Canal in the Pediatric Knee
Sukrit J. Suresh, Penn State College of Medicine

Geographic Variability in Orthopaedic Surgeon Density in the United States

Carlos Ortiz-Babilonia, BS, Johns Hopkins University

Characteristics of Spine Surgery Performed at Ambulatory Surgical Centers

Carlos Ortiz-Babilonia, BS, Johns Hopkins University

Keep Orthopaedic Care Accessible & Affordable

Contribute to the MOA PAC Today

The Maryland Orthopaedic Association Political Action Committee (MOA PAC) supports candidates and legislators at the state level who understand the challenges of practicing as an orthopaedist in Maryland, and who are responsive to the orthopaedic community's viewpoints and objectives. With the passage of legislation that will transform healthcare as we know it, your support is crucial.

Your contribution to the MOA PAC will help ensure that orthopaedic care remains accessible and affordable for all Marylanders!

Contribute online at www.mdortho.org or fill out the attached form and return to the MOA.

Contributions to PACs are not tax deductible as charitable contributions. A person can contribute no more than \$4,000 to one Maryland state campaign account and a total of \$10,000 to all Maryland non-federal campaign accounts during the four year cycle, including in-kind contributions. The current cycle began on January 1, 2019 and will end December 31, 2022.

Maryland Orthopaedic Association

110 West Rd, Suite 227, Towson, MD 21204 • Toll-free: 877-337-1200 • Fax: 410-494-0515
www.mdortho.org

MOA PAC Contribution Form

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Occupation

Amount of contribution: \$ _____

Personal check enclosed

(payable to Maryland Orthopaedic Association PAC)

Please charge my credit card (circle one):

Visa

MasterCard

AMEX

Credit Card #

Exp. Date

Name on Card

Billing ZIP Code

Thank you for your support!

Thank You

The Maryland Orthopaedic Association is grateful for the support of its exhibitors and grantors. Thank you for your participation and commitment to the MOA.

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