



# Maryland Orthopaedic Association 2019 Annual Meeting



February 9, 2019 ♦ Loews Annapolis Hotel ♦ Annapolis, MD

## *Preliminary Program*



Presidential Guest Speaker

Kristy L. Weber, MD

AAOS First Vice President  
Philadelphia, PA



## SCIENTIFIC PROGRAM ACCREDITATION INFORMATION

### 2019 PROGRAM COMMITTEE

A sincere thank you to this year's Program Committee for developing an outstanding scientific program. Your hard work and dedication are appreciated.

Brian Shiu, MD, Chair  
Mark Richardson, MD  
Joshua M. Abzug, MD  
Scott C. McGovern, MD

### SCIENTIFIC PROGRAM DETAILS

The Maryland Orthopaedic Association's Annual Meeting has been developed by the MOA Program Committee in conjunction with the American Academy of Orthopaedic Surgeons.

### TARGET AUDIENCE

The 2019 MOA Annual Meeting is designed to meet the needs of Orthopaedic Surgeons and Orthopaedic Residents and Fellows. Information presented may also be of interest to physicians working in an orthopaedic setting.

### 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 Maryland 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 7.25 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

### PURPOSE

Exchange of scientific information is vital to continuing professional development. Current research findings will be presented as well as a practical case-based approach in order to directly share scientific knowledge with the practicing orthopaedic surgeon.

### 2019 OBJECTIVES

Educational objectives will be met through a general session offering guest presentations,

## President's Welcome

Robert S. Sterling, MD

President, Maryland Orthopaedic Association



Dear Colleague,

It has been an honor to serve as President of our Maryland Orthopaedic Association. The MOA Board continues to focus on education and advocacy for our members.

Our Annual Meeting offers a diverse educational experience featuring the latest updates in orthopaedics, as well as insight into practice management topics and research being performed at orthopaedic practices and academic centers in Maryland. I would like to extend a special thank you to Dr. Brian Shiu and the Program Committee for creating this year's outstanding program.

The MOA is sensitive to our members' practice demands and the ABOS Maintenance of Certification (MOC) requirements. One special membership benefit is the opportunity to take a 10-CME Self-Assessment Examination (SAE) each year to help meet your MOC requirements.

Our second critical of activity on your behalf is interaction with government. Advocacy at the state level continues to be a critical mission for our State Society. We retain an excellent, experienced lobbyist to represent us and our issues to each branch of our state government. Just as important as lobbying are the relationships that our Board Members and many of our colleagues have with our state legislators.

If you cannot come to Annapolis during the legislative session or meet with your delegates or state senator, you CAN support the advancement of musculoskeletal care through participation in our MOA Political Action Committee (PAC). The PAC is a valuable communication tool and provides Maryland orthopaedists access to legislators so that our voice is heard. Every elected official remembers those who contribute to reelection funds. PAC contribution forms are as close as your computer or smartphone: [www.mdortho.org/advocacy](http://www.mdortho.org/advocacy). PAC forms will also be available at the Annual Meeting Registration Booth. Join our PAC now!

Don't forget to renew your membership for 2019 – the Annual Meeting welcomes you at no cost if you are a current MOA member.

I am sure that you will find our 2019 meeting valuable and relevant, and I always look forward to catching up with colleagues. We appreciate your involvement, participation, and membership in the Maryland Orthopaedic Association.

See you at the meeting!

Sincerely,

Rob Sterling  
President

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## Upcoming Events

**The Annual Sinai Orthopaedic Lecture – April 18, 2019**

Sponsored by the Jerome P. Reichmister, MD Educational Fund

**Capitol Hill Visits – June 6, 2019**

Washington, DC

**Abrams Memorial Lecture – October 2019**

Sponsored by University of Maryland

## Presidential Guest Speaker

Kristy L. Weber, MD

AAOS First Vice President



Kristy Weber, MD is the Abramson Family Professor in Sarcoma Care Excellence in the Department of Orthopaedic Surgery at the University of Pennsylvania. She is originally from St. Louis, Missouri and attended college at the U. Missouri-Columbia and medical school at Johns Hopkins. Kristy completed her orthopaedic residency training at the University of Iowa and followed that with a two-year research/clinical fellowship in orthopaedic oncology at the Mayo Clinic. She joined the faculty at University of Texas M.D. Anderson Cancer Center where she developed a large clinical practice in orthopaedic oncology and developed a

basic science research program related to osteosarcoma metastasis to lung and renal cell carcinoma metastasis to bone. Kristy was recruited to Johns Hopkins in 2003 as chief of the Division of Orthopaedic Oncology and Director of the Sarcoma Program and was promoted to Professor in 2009. She received the Kappa Delta national orthopaedic research award for this work in 2006. Her laboratory there was funded by private foundations, OREF, and NIH.

Kristy has served on the Boards of Directors of many national orthopaedic and cancer organizations including the American Academy of Orthopaedic Surgeons (AAOS), American Orthopaedic Association (AOA), Orthopaedic Research Society (ORS), and the Connective Tissue Oncology Society. She spent four years as Chair of the AAOS Council on Research and Quality where she oversaw initiatives related to clinical practice guidelines, evidence-based medicine, appropriate use criteria, patient safety, biomedical engineering, biological implants and the development of orthopaedic clinician-scientists. She has been President of the Musculoskeletal Tumor Society and the Ruth Jackson Orthopaedic Society (RJOS), Secretary of the Orthopaedic Research Society and Critical Issues Chair on the AOA Executive Committee. She has been nominated to become the first woman president of the AAOS.

She was recruited to U. Penn in 2013 to serve as Vice-Chair of Faculty Affairs in the Department of Orthopaedic Surgery and Director of the Sarcoma Program in the Abramson Cancer Center. A cornerstone of the Penn Sarcoma Program is the collaborative scientific research targeted toward developing new targets for the treatment of sarcoma across Penn Medicine, Penn Veterinary Medicine and CHOP.

panel discussions, case presentations, and presentations of original research. Participation in the program will afford attendees the opportunity to:

**Objective 1:** Have open dialogue on current orthopaedic trauma topics and techniques and to discuss their role in orthopaedic practice.

**Objective 2:** Incorporate innovations from clinical and basic science research into application in orthopaedic practice.

**Objective 3:** Understand and to help address the issues that orthopedic surgeons in Maryland face and the challenges held by private practice, hospital-based, and university employees with respect to health-care reform.

**Objective 4:** Understand the extent of advocacy efforts on behalf of practicing orthopaedic surgeons by the AAOS and MOA in Annapolis and Washington, DC.

### SCIENTIFIC E-POSTER SESSION

Scientific Posters are an important feature of the MOA Annual Meeting. Posters will be on display during the Scientific Program, 6:30 am – 5:15 pm.

### 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 Maryland Orthopaedic Association. The Maryland 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 Saturday, February 9, from approximately 6:50 am – 5:15 pm at the Loews Annapolis Hotel, Annapolis, MD.

### PHYSICIAN REGISTRATION FEE

Registration fee covers the Scientific Program Sessions, Meeting Syllabus, General Meeting Expenses and Continental Breakfast, Breaks and Lunch.

## MOA Board of Directors

### President

Robert S. Sterling, MD

### President Elect

Scott C. McGovern, MD

### 2nd Vice President

S. Ashfaq Hasan, MD

### Secretary-Treasurer

John V. Ingari, MD

### Past Presidents

James J. York, MD

Ronald E. Delanois, MD

### Members-At-Large

John Antoniadis, MD

Nicholas P. Grosso, MD

Barry Waldman, MD

### 2019 Program Chair

Brian Shiu, MD

### BOC Representatives

Amir R. Moinfar, MD

Gary Pushkin, MD

### Resident

Steven Horton, MD

Alex Johnson, MD

Andrew Trontis, MD



# 2019 MOA ANNUAL MEETING

## *Joint Arthroplasty to Joint Preservation: A Case-Based Approach*

### CME Accreditation

The American Academy of Orthopaedic Surgeons designates this live activity for a maximum of 7.25 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity. To ensure correct CME credit is awarded, please complete the MOA 2019 Annual Meeting CME Credit Records online at [www.mdortho.org](http://www.mdortho.org). CME Certificates will be awarded to all registered participants.

6:00 am – 4:00 pm	<b>Speaker Ready Room</b>	7:59 am – 8:05 am	Pediatric Supracondylar Fractures: Do Pre/Postoperative Radiographic Criteria Predict Long-Term Outcomes? Francisco Eguia, BA, Johns Hopkins Hospital
6:30 am – 6:50 am	<b>Registration &amp; Continental Breakfast</b>	8:05 am – 8:10 am	Discussion
6:30 am – 5:15 pm	<b>Scientific E-Poster Session</b>	<b>8:10 am – 8:30 am</b>	<b>Break with Exhibitors</b>
6:50 am – 7:00 am	<b>Welcome &amp; Course Overview</b> Robert S. Sterling, MD, President Brian Shiu, MD, Program Chair	<b>SESSION 3: Challenges in Hip &amp; Knee Arthroplasty</b> Moderator: Daniel J. Valaik, MD, Johns Hopkins University School of Medicine	
<b>SESSION 1: Foot &amp; Ankle</b> Moderator: Clifford L. Jeng, MD, The Institute for Foot and Ankle Reconstruction at Mercy		<b>Panel</b> Pasquale Petrera, MD, Peninsula Regional Medical Center Robert P. McKinstry, MD, MedStar Union Memorial Hospital David T. Schroder, MD, Towson Orthopaedic Associates	
<b>Panel</b> Jeffrey T. Brodie, MD, Towson Orthopaedic Associates Patrick J. Maloney, MD, The Institute for Foot and Ankle Reconstruction at Mercy Natalie R. Danna, MD, University of Maryland Medical System		8:30 am – 9:05 am	<b>Topics:</b> Infection / Pain Control Protocols / Revision Hip / Revision Knee / Periprosthetic Fracture
7:00 am – 7:35 am	<b>Topics:</b> Talar OCD Lesion: Microfracture / Talar OCD Lesion: Osteochondral Graft, Synthetic Cartilage / Posterior Malleolus Fracture Treatment Algorithm	<b>SESSION 4: Knee &amp; Hip Joint Preservation</b> Moderator: James C. Dreese, MD, Union Memorial Sports Medicine	
<b>SESSION 2: Basic Science &amp; Clinical Research Presentations</b> Moderator: Jonathan D. Packer, MD, University of Maryland School of Medicine		9:05 am – 9:14 am	Meniscus Transplantation Bashir A. Zikria, MD, MSc, Johns Hopkins School of Medicine
7:35 am – 7:41 am	Do Collared Stems in THA Resist Periprosthetic Fracture? Biomechanical Study Shivam J. Desai, MD, University of Maryland	9:14 am – 9:23 am	Proximal Tibial or Distal Femoral Osteotomy John J. Klimkiewicz, MD, Washington Orthopaedics & Sports Medicine
7:41 am – 7:47 am	Biomechanical Effects of Nonanatomic Repair of the Posterior Root of the Lateral Meniscus James C. Dreese, MD, MedStar Union Memorial Hospital	9:23 am – 9:32 am	FAI Benjamin McVay Petre, MD, Orthopedic and Sports Medicine Center
7:47 am – 7:53 am	Biomechanical Comparison of Hintermann and Evans Osteotomy for Lateral Column Lengthening Kimberly Koury, MD, MedStar Union Memorial Hospital	9:32 am – 9:40 am	Discussion
7:53 am – 7:59 am	Medial Femoral Trochlea Osteochondral Free Flap Outcomes for Scaphoid Arthroplasty Patrick E. Assi, MD, MedStar Union Memorial Hospital	<b>SESSION 5: Shoulder “Management of the Massive Rotator Cuff Tear”</b> Moderator: Edward G. McFarland, MD, Johns Hopkins School of Medicine	
		<b>Panel</b> Mohit N. Gilotra, MD, University of Maryland Medical Center Umasuthan Srikumaran, MD, MBA, Johns Hopkins School of Medicine Cyrus J. Lashgari, MD, Anne Arundel Medical Group Timothy P. Codd, MD, Towson Orthopaedic Associates	
		9:40 am – 10:15 am	<b>Topics:</b> Patient in their 50s / Pseudoparalytic vs Good Motion / Optimal Patient for



# 2019 MOA ANNUAL MEETING

## *Joint Arthroplasty to Joint Preservation: A Case-Based Approach*

10:15 am – 10:35 am **Break with Exhibitors**

10:35 am – 10:50 am **Business Meeting with Advocacy and Election of Board of Directors**  
Robert S. Sterling, MD, Johns Hopkins University

### SESSION 6: AAOS Update & Presidential Guest Speaker Presentation

Moderator: Brian Shiu, MD, Towson Orthopaedic Associates

10:50 am – 11:10 am **AAOS Update**  
Kristy L. Weber, MD, AAOS First Vice President, University of Pennsylvania

11:10 am – 11:50 am **Being a Woman Leader in Orthopaedics: Stats and Strategies**  
Kristy L. Weber, MD, AAOS First Vice President, University of Pennsylvania

11:50 am – 12:45 pm **Lunch Break**

### SESSION 7: Practice Hot Topic

Moderator: Robert S. Sterling, MD, Johns Hopkins University

12:45 pm – 1:15 pm **Social Media and Online Reputation**  
Jack Choueka, MD, Maimonides Medical Center

1:15 pm – 1:30 pm **Discussion**

### SESSION 8: Clinical Research Presentations

Moderator: S. Ashfaq Hasan, MD, University of Maryland School of Medicine

1:30 pm – 1:36 pm **A Restrictive Hemoglobin Transfusion Threshold of Less Than 7 g/dL Decreases Blood Utilization without Compromising Outcomes in Patients with Hip Fractures**  
Raj Mayur Amin, MD, Johns Hopkins Hospital

1:36 pm – 1:42 pm **Liposomal Bupivacaine versus Interscalene Nerve Block for Pain Management after Shoulder Arthroplasty: A Multi-Center Prospective Randomized Controlled Trial**  
Iman Ali, BS, Johns Hopkins University

1:42 pm – 1:48 pm **Risk Factors Associated with Development of Depression Following Sport-Related Concussion**  
Jennifer I. Etcheson, MD, MS, Sinai Hospital of Baltimore

1:48 pm – 1:54 pm **Average Narcotic Usage in TKR Patients Following Modern TKR Protocol**  
Patrick H. Greenwell, MD, University of Maryland

1:54 pm – 2:00 pm **Risk Factors for Increased Shoulder Cutibacterium Acnes Burden**  
Samir S. Kaveeshwar, BA, University of Maryland

2:00 pm – 2:05 pm **Discussion**

2:05 pm – 2:25 pm **Break with Exhibitors**

### SESSION 9: Orthobiologics

Moderator: John-Paul H. Rue, MD, Mercy Medical Center

2:25 pm – 2:40 pm **Chondral Injuries: Microfracture, Particulate Cartilage, ACI**  
Jason M. Scopp, MD, Peninsula Orthopedic Associates

2:40 pm – 2:55 pm **Rotator Cuff Augmentation**  
Brian Shiu, MD, Towson Orthopaedic Associates

2:55 pm – 3:00 pm **Discussion**

3:00 pm – 3:30 pm **PRP/Stem Cells: Types, Indications and Evidence**  
R. Frank Henn III, MD, University of Maryland

3:30 pm – 3:40 pm **Discussion**

### SESSION 10: Hand Surgery

Moderator: James P. Higgins, MD, MedStar Union Memorial Hospital

#### Panel

Ngozi Mogeckwu Akabudike, MD, University of Maryland Medical Center  
Khurram Pervaiz, MD, Orthopaedic Associates of Central Maryland  
John V. Ingari, MD, Johns Hopkins University

3:40 pm – 3:49 pm **CMC Arthritis: LRTI/Fusion**

3:49 pm – 3:58 pm **CMC Arthritis: Other Treatments**

3:58 pm – 4:07 pm **Scaphoid Injuries**

4:07 pm – 4:15 pm **Discussion**

4:15 pm – 5:15 pm

#### **Awards Presentation & Resident Reception**

#### **Your First Job: Everything We Wish We Knew**

Natalie Danna MD, University of Maryland Medical Center  
Brian Shiu, MD, Towson Orthopaedic Associates  
Sophie Strike MD, Johns Hopkins University

# SAVE THE DATE

## Capitol Hill Visit

### June 6, 2019



Be a part of MOA's delegation to visit our federal representatives on Capitol Hill!

This is a fantastic opportunity to meet with your elected representatives to discuss important issues facing you and your patients.

RSVP to [info@mdortho.org](mailto:info@mdortho.org) and let us know you'll be there.

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## 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 orthopaedic care remains accessible and affordable for all Marylanders!

Contribute online at [www.mdortho.org/advocacy](http://www.mdortho.org/advocacy)

*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.*

# 2019 MOA ANNUAL MEETING REGISTRATION

**February 9, 2019**

**Loews Annapolis Hotel**

**126 West Street • Annapolis, MD 21401**

**MAIL:** MOA, 110 West Road, Suite 227, Towson, MD 21204

**PHONE:** 877-337-1200 or 410-847-9300

**FAX:** 410-494-0515

**ONLINE:** www.mdortho.org

NAME \_\_\_\_\_ DEGREE \_\_\_\_\_

PRACTICE \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP CODE \_\_\_\_\_

PHONE \_\_\_\_\_ FAX \_\_\_\_\_

EMAIL \_\_\_\_\_

## REGISTRATION FEES

(Registration Fee includes Scientific Sessions, Continental Breakfast, Lunch, and Breaks)

<b>STATUS (circle one)</b>	<b>FEE</b>
MOA Member	Free
Active Duty Military	Free
Resident/Fellow/Student	Free
Allied Health Professional	\$25
Non-Member	\$100

## CANCELLATION POLICY

Full refund (less \$35 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 date.

## PAYMENT METHOD

Enclosed is a check for \$ \_\_\_\_\_ (payable to Maryland Orthopaedic Association)

Please charge my credit card:  Visa  MasterCard  American Express

Credit Card # \_\_\_\_\_ Exp Date \_\_\_\_\_ CVV \_\_\_\_\_

Name on Card \_\_\_\_\_

Billing Address \_\_\_\_\_



Maryland  
Orthopaedic  
Association

110 West Road, Suite 227  
Towson, MD 21204

# Maryland Orthopaedic Association 2019 Annual Meeting

February 9, 2019  
Loews Annapolis Hotel • Annapolis, MD

7.25  
CME  
Credits

## Presidential Guest Speaker

Kristy L. Weber, MD  
AAOS First Vice President  
Philadelphia, PA