

NORTH CAROLINA ORTHOPAEDIC ASSOCIATION

# 2017 *Annual Meeting*



**OCTOBER 6-8, 2017**

THE WILLIAMSBURG LODGE  
COLONIAL WILLIAMSBURG, VIRGINIA

This continuing medical education activity is jointly provided by the  
North Carolina Orthopaedic Association and  
Southern Regional Area Health Education Center

The North Carolina Orthopaedic Association is pleased to announce its 2017 Annual Meeting, to be held at the Williamsburg Lodge in historic Colonial Williamsburg, Virginia. The target audience for this meeting includes orthopaedic surgeons in private practice and in academic medicine, fellows, residents in training, and medical students. This educational activity is designed to provide a balance of current research presentations, clinically relevant lectures and symposia, regional and national updates, and education regarding the most recent changes in the practice of medicine and orthopaedics in North Carolina.

## OBJECTIVES

At the conclusion of this conference the attendees shall be able to:

- Examine the federal CMS programs MACRA and MIPS and identify best practices for participation.
- Discuss the current national updates from the American Academy of Orthopaedic Surgeons (AAOS) and statewide legislative updates.
- Discuss the problem of burnout in orthopaedic surgery and outline strategies for prevention.
- Review the North Carolina STOP Act and assess the current state and national opioid epidemic with strategies to comply with requirements, minimize narcotic usage and recognize signs of prescription drug abuse.

## CREDIT STATEMENT

The Southern Regional AHEC designates this live activity for a maximum of 6.5 **AMA PRA Category 1 Credit(s)**<sup>™</sup>. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

## ADDITIONAL CREDIT

Other health professionals will receive Southern Regional AHEC CEU and/or contact hours and a certificate of attendance from an **AMA PRA Category 1**<sup>™</sup> activity. These certificates are accepted by the NC boards for physician assistants, nurse practitioners, and nurses. License requirements are subject to change. Southern Regional AHEC recommends that participants contact their licensing board with specific questions. Southern Regional AHEC will provide 0.65 Continuing Education Units (6.5 contact hours) to participants upon completion of this activity.

## ACCREDITATION

This activity has been planned and implemented in accordance with the Essentials and Standards of the North Carolina Medical Society through the joint providership of the Southern Regional AHEC and the North Carolina Orthopaedic Association. The Southern Regional AHEC is accredited by the North Carolina Medical Society to provide continuing medical education for physicians.

## DISCLOSURE STATEMENT

The Southern Regional AHEC adheres to ACCME Essential Areas and Policies regarding industry support of continuing medical education. Disclosure of faculty/planning committee members and commercial relationships will be made known at the activity. Speakers are also expected to openly disclose a discussion of any off-label, experimental, or investigational drugs or devices in their presentations.



## MEETING FEATURES

The Annual Meeting program features outstanding faculty who will address current topics of interest to the practicing orthopaedic surgeon. This year's Presidential Speaker is **Robert Anderson, MD**, one of the leading foot and ankle specialists in the world. Dr. Anderson is a past president of the American Orthopaedic Foot and Ankle Society and founding member of the Foot and Ankle at Institute at OrthoCarolina. He will give a lecture on Saturday in which he will discuss lessons learned from being a team physician and dealing with high level athletes. **Kristy Weber, MD, Second Vice President of the AAOS**, will give an Academy update on Saturday. **Subspecialty breakout sessions** take place Saturday and Sunday so participants can tailor their educational experience. The meeting will conclude with an **opioid prescribing presentation** to help meet the new North Carolina Medical Board requirement. An exhibit hall presenting products and services of interest will be available for networking. Friday evening includes a welcome reception, and on Saturday evening there will be a brief **presentation by "George Washington"** followed by a **family-friendly, sports-themed "tailgate" dinner** at which the Honored Surgeon Award will be presented. These social events will provide an opportunity to renew friendships and meet new colleagues. Finally, the traditional golf tournament and tennis round robin will take place Saturday afternoon. Pre-registration is required for all events. The attire for the meeting and social functions is business casual. Wear your favorite pro or college sports team jersey for the Saturday dinner; prizes will be awarded for the those showing the most team spirit!

## RESORT AREA FEATURES AND ACCOMMODATIONS

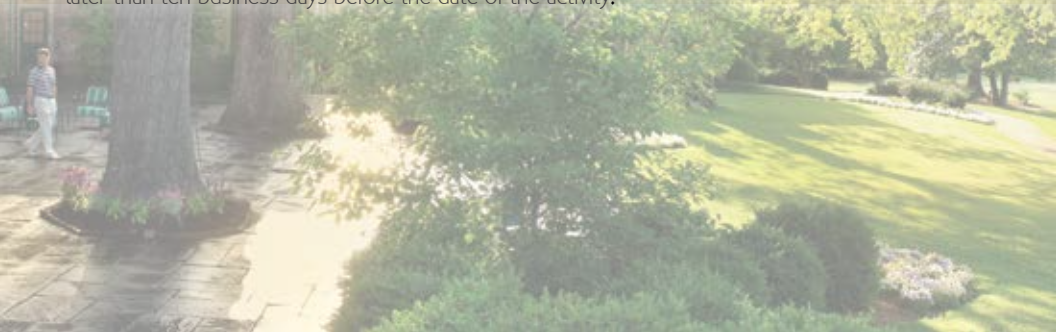
The Williamsburg Lodge, decorated in classic American style, is a unique venue, with Historic Colonial Williamsburg and over 40 shops and boutiques within walking distance. Complimentary shuttle service is available to nearby Busch Gardens. The resort features 45 holes of golf, lighted tennis courts, lawn croquet and lawn bowling, a world-class spa, indoor and outdoor pools, and a fitness center. Ten restaurants are on site, including four historic dining taverns. Advance reservations are recommended for dining and most recreational activities; call (800) 447-8679. To secure your accommodations, please call the Lodge at (800) 261-9530 and reference Booking ID 33014, or go to <https://resweb.passkey.com/go/33014>. The NCOA has set aside a block of Deluxe rooms at the special rate of \$221 single or double occupancy, per night, plus 11% taxes and \$2 per night occupancy tax per night. The cut-off date to make reservations is September 14. Don't delay!

## MEETING REGISTRATION: REGISTER BY SEPTEMBER 15 FOR DISCOUNT

Registration fees include continental breakfasts, breaks and the Friday evening reception. There is a separate fee for the Saturday dinner. Registration fees are \$100 for member physicians, \$350 for nonmember physicians or PharmDs, and \$125 for mid-level providers. Registration fees are waived for residents and medical students; however, the Saturday dinner fee will apply. Register securely online at <http://www.cvent.com/d/05qgl4>, or complete the form in this brochure and return it by September 15. After that date, registration fees will increase. Please note that refunds of registration fees will not be made after September 29. Refunds, less \$25, will be made for cancellations received prior to that date.

## AMERICANS WITH DISABILITIES ACT

The NCOA is fully committed to the principle of equal educational opportunities for all individuals and does not discriminate on the basis of any characteristics protected by federal or state law. If you require any of the auxiliary aids or services identified in the Americans with Disabilities Act in order to participate in this program, please call Nancy Lowe at the NCOA at (919) 833-3836 no later than ten business days before the date of the activity.



# SCHEDULE

## FRIDAY, OCTOBER 6

4:00pm-7:00pm Registration

5:30pm-7:00pm Welcome Reception & Networking

Dinner on your own. Advance reservations are recommended for Williamsburg's various dining outlets.

## SATURDAY, OCTOBER 7

7:00am-12:00pm Registration

7:00am-7:45am Continental Breakfast & Networking

7:45am-10:00am General Session

7:45am Welcome and Introductions: Pete Mangone, MD, President, and Robert Boykin, MD, Program Chair

8:00am AAOS Update: Kristy Weber, MD

8:25am Legislative Update: Connie Wilson

8:50am NCOA Business Meeting: Pete Mangone, MD, President

9:20am Presidential Address: Sport Foot and Ankle Injuries: What I've Learned from the Elite Athlete: Robert Anderson, MD

10:00am-10:25am Break & Networking

10:25am Move to Breakout Sessions

10:30am-11:35am Choice of Breakout Sessions

**FOOT & ANKLE BREAKOUT SESSION** (Moderated by Pete Mangone, MD, and Robert Anderson, MD)

Paper Presentations:

10:30am Type of Hallux Valgus Corrective Surgery and Effect of Radiographic Outcomes at Minimum 2 Year Follow Up: Andrew Federer, MD (Resident)

10:35am Minimum 10-19 Year Follow Up of the STAR Total Ankle: James A. Nunley, Jr., MD

10:40am Discussion/Questions

Ankle Instability Symposium:

10:50am Lateral Ankle Instability: Pete Mangone, MD

11:00am Importance of the Deltoid Ligament: Robert Anderson, MD

11:10am Discussion

**SPORTS MEDICINE BREAKOUT SESSION** (Moderated by Will Silver, MD)

Paper Presentations:

10:30am Surgeon Applications of Patient Preferences in Treatment Decision-Making for Shoulder Dislocations: Carolyn Hutyra (Student)

10:35am Cartilage Strain Recovery after Exercise-Induced Loading: Keithara Davis (Student)

10:40am Comparison of Site Specific Patellar Cartilage Strain in ACL Deficient and Uninjured Knees: Kwadwo Awusu-Akyaw, MD (Resident)

10:45am ACL Reconstruction using Hybrid Autograft/Allograft: A Case Series: Shawn Feinstein, MD (Resident)

10:50am Transtibial versus Anteromedial Portal versus Hybrid Technique for ACL Femoral Socket Creation: A Biomechanical Analysis: Dana Piasecki, MD

10:55am Discussion/Questions

ACL Technique Symposium:

11:05am ACL Hybrid Transtibial Technique: Dana Piasecki, MD

11:15am All Inside ACL Reconstruction: Speaker TBD

11:25am Concussion Update: Aaron Vaughan, MD

# SCHEDULE (Saturday, cont.)

- 11:35am-11:45am Break & Networking
- 11:45am Move to Breakout Sessions
- 11:50am-12:30pm Choice of Breakout Sessions

## VALUE BASED CARE / BUNDLED PAYMENTS BREAKOUT SESSION (Moderated by Chad Mather, III, MD)

- 11:50am Hospitalist Comanagement Increases Cost for Total Joint Arthroplasty without Decreasing 90-Day Readmissions: Johannes F. Plate, MD, PhD (Resident)
- 11:55am A Combined Surgical Appgar-Asa Score is Predictive of 90-Day Readmission in Total Joint Arthroplasty: Daniel Goltz (Student)
- 12:00pm Cost Analysis of Sending Routine Pathology Specimens following Total Joint Arthroplasty in the Age of Bundled Payments: Johannes F. Plate, MD, PhD (Resident)
- 12:05pm Internet Enhanced, Patient-Centered Orthopedic Care: A Prospective, Randomized, Controlled Pilot Trial: Jonathan Paul, MD
- 12:10pm A Bundle Protocol to Reduce the Incidence of Periprosthetic Joint Infections after Total Joint Arthroplasty: A Single-Center Experience: Matthew Bullock, DO, MPT
- 12:15pm Discussion/Questions

## HAND/UPPER EXTREMITY BREAKOUT SESSION (Moderated by Ben Graves, MD)

- 11:50am Local Delivery of Desferoxamine to a Flexor Tendon Laceration Repair Site: Hannah Dineen, MD (Resident)
- 11:55am High-Pressure Water Injection Injuries to the Hand: Perhaps not a Benign Injury: Bryan Bean, MD (Resident)
- 12:00pm Minimally-Invasive PIP Arthrodesis: Surgical Technique: Elizabeth Anne Newman, MD (Resident)
- 12:05pm Celestone versus Ketorolac Injection for the Treatment of DeQuervains Tenosynovitis: Results of a Double-Blind, Randomized Clinical Trial: R. Christopher Chadderdon, MD
- 12:10pm Discussion/Questions
- 12:30pm Adjourn
- 12:40pm Optional Golf Tournament on Gold Course (includes boxed lunch; pre-registration required)
- 2:00pm Optional Tennis Round Robin (includes beverages; pre-registration required)
- Free Afternoon
- 6:30pm-10:30pm Family-Friendly "Tailgate" Dinner and Presentation of Honored Surgeon Award (pre-registration required)



# SCHEDULE

## SUNDAY, OCTOBER 8

- 7:00am-12:00pm Registration  
7:00am-7:55am Continental Breakfast & Networking  
7:55am-8:45am General Session  
7:55am Introductions: Robert Boykin, MD  
8:00am Why You Should Take a Sabbatical: What You Need to Know about Burnout: Ed Lilly, III, MD  
8:15am Beyond Bundling: Orthopaedic Surgeons and Advanced Alternative Payment Models: Chad Mather, III, MD  
8:30am MACRA and MIPS: A Primer for Orthopaedic Surgeons: Pete Mangone, MD  
8:45am Move to Breakout Sessions  
8:50am-9:30am Choice of Breakout Sessions

### **TRAUMA/PEDS BREAKOUT SESSION** (Moderator TBD)

- 8:50am The Use of Dermabond to Repair Fractures in a Rodent Model: Benjamin Bortner (Student)  
8:55am Comparison of Lateral versus Medial Entry Femoral Traction Pin Complication Rates: Syed Hanif Hussaini, MD (Resident)  
9:00am Time to Intervention affecting Outcomes in Pediatric Upper Extremity Nerve Injuries following Supracondylar Humerus Fractures: Elizabeth Anne Newman, MD (Resident)  
9:05am Blood Loss Trends and Financial Implications in Adolescent Idiopathic Scoliosis: Vignesh Alamanda, MD (Resident)  
9:10am Enhancing the Economy of Surgery through Standardized Surgical Preference Cards: Thomas Bemenderfer, MD, MBA (Resident)  
9:15am Preoperative Nutritional Status Predicts Poor Short-Term Clinical Outcomes for Hip Fracture Repair: Cary Politzer (Student)  
9:20am Discussion/Questions

### **ARTHROPLASTY BREAKOUT SESSION** (Moderated by Matthew Bullock, DO, MPT)

- 8:50am A Discrete Choice Experiment to Understand Patient Preferences Surrounding Hip Arthroscopy and Total Hip Arthroplasty: John Reuter (Student)  
8:55am Hepatitis C Viral Load and Total Joint Arthroplasty: Cary Politzer (Student)  
9:00am Nutritional Status Predicts Short-Term Clinical Outcomes following Total Joint Arthroplasty: Cary Politzer (Student)  
9:05am The Influence of Vitamin D Levels on Total Joint Arthroplasty Complication Rates: Johannes F. Plate, MD, PhD (Resident)  
9:10am Is There a Need for Extended Culture Duration in Hip and Knee Periprosthetic Joint Infection?: Benjamin Wooster, MD (Resident)  
9:15am The Learning Curve for Anterior-Approach Total Hip Arthroplasty: Does this Impact Practice?: Elshaday Belay, MD (Resident)  
9:20am Discussion/Questions

- 9:30am-9:55am Break & Networking  
9:55am Move to Breakout Sessions  
10:00am-10:55am Choice of Breakout Sessions

# SCHEDULE (Sunday, cont.)

## SHOULDER BREAKOUT SESSION (Moderated by Robert Boykin, MD)

Paper Presentations:

- 10:00am Needle Length Requirement for Glenohumeral Joint Injection using the Nevaiser Approach: Lucas Teske, MD (Resident)
- 10:05am The Prevalence of Rotator Cuff Pathology in the Setting of Acute Proximal Biceps Tendon Rupture: Gabriella Ode, MD (Resident)
- 10:10am Ambulatory versus Inpatient TSA: A Population-Based Analysis of Trends, Outcomes and Cost: Gabriella Ode, MD (Resident)
- 10:15am Opioid-Free Total Shoulder Arthroplasty: Daniel Leas, MD (Resident)
- 10:20am Outpatient Shoulder Arthroplasty: Our First 20 Patients at an Ambulatory Surgery Center: Bryan Bean, MD (Resident)
- 10:25am Discussion/Questions
- 10:35am Shoulder Symposium: Management of the Irreparable Rotator Cuff Tear
- 10:35am Superior Capsular Reconstruction: Early Results: Tally Lassiter, MD, MHA
- 10:45am Reverse Shoulder Arthroplasty: Robert Boykin, MD

## TUMOR BREAKOUT SESSION (Moderated by Cynthia Emory, MD, MBA)

- 10:00am Creating an In-Vivo Bone Metastasis Model in an Immunocompetent Host: Alexander Jinnah, MD (Resident)
- 10:05am Efficacy of Vitamin C in the Treatment of Radiation-Induced Bone Loss in Rats: Alexander Jinnah, MD (Resident)
- 10:10am Racial Disparities in Patients with Soft Tissue Sarcoma of the Extremities: Alexander Lazarides, MD (Resident)
- 10:15am Next-Generation Sequencing-Based Targeted Anticancer Therapy Utility in Sarcoma: Elizabeth Anne Newman, MD (Resident)
- 10:20am A Novel Formulation of Niclosamide Treats Metastatic Osteosarcoma In Vivo: David Kerr (Student)
- 10:25am Soft Tissue Sarcoma of the Extremities: The Value of Treating at High-Volume Centers: Alexander Lazarides, MD (Resident)
- 10:30am Discussion/Questions
- 10:35am Recognizing Tumors and When to Refer: Case Examples of What Not to Miss: Cynthia Emory, MD, MBA
- 10:55am Return to General Session
- 11:00am Opioid Prescribing and the STOP Act: Christopher Grubb, MD
- 12:00pm Wrap Up, Resident/Student Paper Awards, and Adjourn

## NC SOCIETY FOR SURGERY OF THE HAND MEETING:

The NCSSH will meet on Friday, October 6, from 8:00am-5:00pm at the Lodge. This year's keynote speaker is Dr. A. Bobby Chhabra, Chair of Orthopaedic Surgery at the University of Virginia. There is no registration fee for attendance. For more information on this event, please contact Melanie Kirk at [Melanie.kirk@duke.edu](mailto:Melanie.kirk@duke.edu) or (919) 684-2472.

## ABOUT WILLIAMSBURG

Watch the drama unfold in the Revolutionary City as costumed residents live out the events leading up to and during the American Revolution. Meet the locals—townspeople, tradespeople, shopkeepers, political figures, women, and slaves—and learn of their hopes, struggles, and fears in these uncertain times.

All proceeds from meetings held at Colonial Williamsburg support the preservation mission and educational outreach of The Colonial Williamsburg Foundation, a not-for-profit educational institution.

For the latest details on events and activities, visit [www.colonialwilliamsburg.com](http://www.colonialwilliamsburg.com).





# MEETING REGISTRATION FORM

NCOA 2017 Annual Meeting / October 6-8, 2017  
Williamsburg Lodge, Colonial Williamsburg, Virginia  
Register securely online at <http://www.cvent.com/d/05ggl4>

## I. PERSONAL INFORMATION (PLEASE PRINT)

Name: \_\_\_\_\_ Degree(s): \_\_\_\_\_  
Practice Name: \_\_\_\_\_  
First Name for Badge: \_\_\_\_\_ Last 4 Digits of SSN: \_\_\_\_\_  
Address: \_\_\_\_\_  
City/State/Zip: \_\_\_\_\_  
Phone: \_\_\_\_\_ E-mail: \_\_\_\_\_  
Home Address: \_\_\_\_\_  
Home City/State/Zip: \_\_\_\_\_  
Spouse/Guest Name, if attending: \_\_\_\_\_  
Child(ren) Name(s), if attending: \_\_\_\_\_  
Emergency Contact: (Name) \_\_\_\_\_ (Phone) \_\_\_\_\_  
Dietary Restrictions/Accessibility Needs: \_\_\_\_\_

## 2. REGISTRATION FEES (VA OR SC MEMBERS MAY ATTEND AT THE NC MEMBER RATE; 2017 DUES MUST BE CURRENT TO QUALIFY FOR MEMBER RATE)

	Prior to 9/15	After 9/15
____ Physician-NCOA member .....	\$100.....	\$150
____ Non-member physician or PharmD.....	\$350.....	\$400
____ Mid-level provider.....	\$125.....	\$175
____ Resident/Fellow/Medical student.....	\$-0.....	\$-0-

## 3. SOCIAL ACTIVITIES (PREREGISTRATION REQUIRED. INDICATE NUMBER ATTENDING)

\_\_\_\_ Friday Reception @ n/c  
\_\_\_\_ Saturday Golf Tournament \_\_\_\_ (includes boxed lunch, beverages and prizes) @ \$175  
Handicap or Average Score \_\_\_\_ (required for tournament play)  
Preferred Pairing \_\_\_\_\_  
\_\_\_\_ Saturday Tennis Round Robin @ \$30  
\_\_\_\_ Saturday "Tailgate" Awards Dinner:  
Adults @ \$75 per person / \_\_\_\_ Child(ren) 4-12 @ \$25 / \_\_\_\_ Child(ren) under 4 @ n/c

## 4. TOTAL FEES (TOTAL OF SECTIONS 2 AND 3) (NO REFUNDS AFTER SEPTEMBER 29)

Enclosed is check # \_\_\_\_\_ for \$ \_\_\_\_\_ payable to NCOA, or  
Credit Card Type: Visa \_\_\_\_ MasterCard \_\_\_\_ American Express \_\_\_\_  
Name as it appears on Credit Card: \_\_\_\_\_  
Account #: \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Exp. Date: \_\_\_\_\_  
Security Code: \_\_\_\_\_  
Billing Address and Zip Code: \_\_\_\_\_

Register securely online, or send this form and payment to:  
NCOA, PO Box 27167, Raleigh, NC 27611 / FAX: (919) 833-2023

PO Box 27167

Raleigh, NC 27611

NC ORTHOPAEDIC ASSOCIATION  
*2017 Annual Meeting Details*  
COLONIAL WILLIAMSBURG



