North Carolina Orthopaedic Association

2015 Annual Meeting

6.0 CME Hours!

October 9-11, 2015 • Kiawah Island Golf Resort
Kiawah Island, South Carolina

This continuing medical education activity is jointly provided by the NCOA and the Southern Regional Area Health Education Center.
2015 Annual Meeting Overview

Target Audience and Purpose
The NCOA Annual Meeting is designed as an opportunity for orthopaedic surgeons, fellows, and residents in training to exchange expertise and novel ideas, and to advance the practice of orthopaedics to improve care for the citizens of North Carolina.

Objectives
• Compare patient outcomes for unicompartmental versus total knee arthroplasty.
• Discuss the issues involved in implementation of electronic health records (EHR) into orthopaedic practice.
• Review the current literature on non-operative management of knee arthritis.

Credit Statement
AMA PRA Category 1 Credit™ - 6.0 hours
The Southern Regional AHEC designates this live activity for a maximum of 6.0 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the 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 NCMS 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 use of drugs or devices in their presentations.

Meeting Highlights
This year’s Annual Meeting includes several specialized breakout sessions to hone in on your particular area of interest. Additionally, the weekend features activities beyond the scientific sessions for the enjoyment of you and your family. We will begin Friday evening with a networking cocktail reception in the exhibit hall, where you can renew friendships and meet new colleagues. Saturday begins with the first scientific session including the Presidential Address, “The Treatment of Knee Arthritis in the Future: Payers, Platelets, Partials, and PRO’s” by Thomas Parker Vail, MD; an important legislative update; and an update from AAOS President David D. Teuscher, MD. A set of breakout sessions follow, with your choice of Sports Medicine/Pediatrics/Tumor or Upper Extremity. Saturday afternoon is free; we are offering recreational options including a golf tournament and round-robin tennis outing. Saturday evening, join us for the family-friendly oyster roast reception and buffet dinner at scenic Mingo Point, with musical entertainment and highlighted by the presentation of the Honored Surgeon Award. Sunday’s session begins with the Annual Business Meeting followed by a set of breakout sessions, with your choice of Reconstruction or Spine/Basic Science/Education/Foot & Ankle/Trauma. The meeting concludes with practice management topics and the awarding of the prizes for best resident and student presentations. Attire for all functions is business or resort casual.

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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 conference, please call Nancy Lowe at (919) 833-3836 no later than 10 business days before the date of the activity.
Location and Accommodations

The 2015 Annual Meeting will be held at the family-friendly Kiawah Island Golf Resort on Kiawah Island, South Carolina. Located just 21 miles from historic Charleston, Kiawah’s ten-mile-long barrier island environment provides the ideal combination of climate, history, nature, and beach. The resort boasts several restaurants to fit all tastes, bicycle and kayak rentals, a nature center with tours and excursions, five golf courses, hard and clay tennis courts, and shops, as well a world-class spa located in The Sanctuary. The NCOA has reserved accommodations in the East Beach villas, each of which include full kitchens, living rooms and screened porches. Rates for scenic view villas are $230 (one bedroom) or $275 (two bedrooms), plus 8% resort fee and taxes, per night. The resort fee covers on-demand, on-island transportation, and access to the villa fitness room and two villa resort pools.

To reserve your accommodations, please call (800) 654-2924. The cut-off date to make reservations is September 9. Don’t delay!

Registration

Registration fees include all meeting sessions, the Friday evening welcome reception, daily breaks and two continental breakfasts. Additional fees apply for the recreational activities and Saturday reception and buffet dinner. Registration fees are waived for residents, fellows and students; however, Saturday dinner fees will apply. Register securely online at www.123signup.com/event?id=pqbph, or complete the form in this brochure and return it with payment prior to October 5. Register before September 9 to receive the early-bird discount.

If you would like to receive a paper copy of the presentations, please indicate this on the registration form; there is a $25 printing fee. Otherwise, handouts will be available for download prior to the meeting.

Registration Cancellation

Please note that refunds of registration fees will not be made after Friday, October 2. Refunds, less $25, will be made for cancellations received prior to that date.

Questions

Please contact the NCOA at (800) 722-1350 (NC only) or (919) 833-3836, or nlowe@ncmedsoc.org.
Friday, October 9
4:00pm-5:30pm  Registration
5:30pm-7:00pm  Welcome Reception / Networking Hub
Dinner on your own; advance reservations are recommended

Saturday, October 10
7:00am-12:00pm  Registration
7:00am-8:00am  Continental Breakfast / Networking Hub
8:00am-10:15am  Opening Session
8:00am-8:05am  Welcome & Introductions - J. Mack Aldridge, III, MD, President and Jason E. Lang, MD, Program Chair
8:05am-8:13am  ICD-10: Our Current Reality - L. Andrew Koman, MD
8:13am-8:21am  How Will Financial Incentives to Provide THA & TKA for Complex Patients Change with Bundled Payments? - Carter Clement, MD, MBA
8:21am-8:30am  Discussion
8:30am-9:10am  Presidential Address: The Treatment of Knee Arthritis in the Future: Payers, Platelets, Partials, and PRO’s - Thomas Parker Vail, MD
9:10am-9:15am  Discussion
9:15am-9:45am  Legislative Update - Connie Wilson
9:45am-10:15am  AAOS Address - David Teuscher, MD
10:15am-10:45am  Break / Networking Hub
10:45am-12:00pm  Second Session: Choice of Breakout Sessions (see next page)

1:00pm  Optional Golf Tournament on Osprey Point Course (includes boxed lunch; pre-registration required)
2:00pm  Optional Tennis Round Robin (pre-registration required)
6:30pm-7:15pm  Cocktail Reception/Oyster Roast at Mingo Point
7:15pm-10:30pm  Dinner Buffet, Entertainment and Presentation of Honored Surgeon Award
Families welcome! (pre-registration required)
<table>
<thead>
<tr>
<th>Time</th>
<th>Sports Medicine/Pediatrics/Tumor</th>
<th>Upper Extremity</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:45am-10:50am</td>
<td>Evaluating the Effect of an Off-the-Shelf Hip Orthosis on Balance in Post-operative Hip Arthroscopy: A Pilot Study - Benjamin M. Wooster, MD (Resident)</td>
<td>Bilateral Flexor/Pronator Slides for Congenital Hereditary Extrinsic Digital Flexor Contractures - J. Mack Aldridge, III, MD</td>
</tr>
<tr>
<td>10:50am-10:55am</td>
<td>Risk Factors for Infection following Knee Arthroscopy: Analysis of a Large United States Cohort - Carter Clement, MD, MBA</td>
<td>Massive Rotator Cuff Repairs using Interposition Porcine Acellular Dermal Matrix Xenograft through a Mini-open Approach - Julie Neumann, MD (Resident)</td>
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<tr>
<td>10:55am-11:00am</td>
<td>Randomized Prospective Study of Anesthetic Techniques in Unicompartmental Arthroplasty - Daryl Henshaw, MD</td>
<td>Outcomes Validation of the Ases, Dash, EQ5D, and VR6D in a Population of Orthopedics Patients with Upper Extremity Morbidity - Susan M. Odum, PhD</td>
</tr>
<tr>
<td>11:00am-11:05am</td>
<td>Accuracy of MRI Findings in Predicting Intra-articular Hip Pathology in Hip Arthroscopy - Kathleen Reay, MD</td>
<td>Current Trends in Carpal Tunnel Release: A Comparison of Endoscopic and Open Surgical Rates, Outcomes, and Complications between Hand Fellowship and Non-Hand Fellowship Trained Surgeons Utilizing the American Board of Orthopaedic Surgery Certification Examination Database - Brandon S. Smetana, MD (Resident)</td>
</tr>
<tr>
<td>11:05am-11:10am</td>
<td>Surgical Trends in Treatment of Meniscus Tears: Analysis of Data from the American Board of Orthopaedic Surgery Certification Examination Database - Benjamin R. Parker, MD (Resident)</td>
<td>Discussion</td>
</tr>
<tr>
<td>11:10am-11:15am</td>
<td>Discussion</td>
<td>A Critical Review of the Long-Toss in Baseball Throwing - Austin V. Stone, MD, PhD (Resident)</td>
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<tr>
<td>11:15am-11:20am</td>
<td>Discussion</td>
<td>Humeral Shaft Nonunion: A New Surgical Technique Using Cup and Cone Reamers - Brian T. Nickel, MD (Resident)</td>
</tr>
<tr>
<td>11:20am-11:25am</td>
<td>Prevalence and Complications of Musculoskeletal Infections in Adolescents: A Result of Delay in Diagnosis? - Sarah N. Pierrie, MD (Resident)</td>
<td>Prosthetic-Related Complications after Perioperative Transfusion in Total Shoulder Arthroplasty - Thorsten Seyler, MD, PhD</td>
</tr>
<tr>
<td>11:25am-11:30am</td>
<td>The Utility of Screening MRI for Pediatric Patients with Suspected Musculoskeletal Infection - Paulvalery Roulette, MD (Resident)</td>
<td>The Use of Ultrasound as the Sole Diagnostic Tool for Rotator Cuff Tears - Christopher Caldwell, BS (Student)</td>
</tr>
<tr>
<td>11:30am-11:40am</td>
<td>Discussion</td>
<td>Discussion</td>
</tr>
<tr>
<td>11:40am-12:00pm</td>
<td>Treatment of Pelvic Chondroblastoma with Denosumab: The Role of RANK Signaling in Benign-Aggressive Tumors - Julia Visgauss, MD (Resident)</td>
<td>Tips &amp; Tricks to Stay Out of Trouble in the Operating Room in the Treatment of Distal Radius Fractures - Sanjeev Kakar, MD</td>
</tr>
<tr>
<td>11:45am-11:50am</td>
<td>Risk Factors for Disease Progression and Implant Failure following Surgical Treatment of Extremity Metastatic Bone Disease - Mitchell R. Klement, MD (Resident)</td>
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<tr>
<td>11:50am-12:00pm</td>
<td>Discussion</td>
<td>Saturday Breakout Sessions Kiawah Island Golf Resort</td>
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</tbody>
</table>
Schedule: Sunday

Sunday, October 11

7:00am-12:00pm  Registration
7:00am-8:00am  Continental Breakfast / Networking Hub
8:00am-8:30am  Business Session
  8:00am-8:05am  Welcome & Introductions - Jason E. Lang, MD
  8:05am-8:30am  Business Meeting (no credit will be awarded) - J. Mack Aldridge, III, MD
8:35am-10:15am  Second Session: Choice of Breakout Sessions (see below and next page)
  10:15am-10:45am  Break / Networking Hub
10:45am-11:30am  Closing Session
  10:45am-10:55am  New Technologies in Total Hip and Knee Arthroplasty - Ralph A. Liebelt, MD
  10:55am-11:05am  Navigating the Visit Navigator: How to Get Through a Day at the Office with Epic Electronic Health Record - Cynthia Emory, MD
  11:05am-11:15am  Are Clinic Wait Time and Time-with-Surgeon Associated with Patient Satisfaction among Orthopaedic Patients? - Brendan M. Patterson, MD, MPH (Resident)
  11:15am-11:25am  Discussion
  11:25am-11:30am  Presentation of Resident/Student Awards, Wrap Up and Adjourn

Sunday Breakout Sessions

<table>
<thead>
<tr>
<th>Time</th>
<th>Reconstruction</th>
<th>Spine/Basic Science/Education/ Foot &amp; Ankle/Trauma</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:35am-8:40am</td>
<td>Early Experience with a Symmetric Femur TKA System - Shawn Hocker, MD</td>
<td>The Effect of Computer-Assisted Surgery Training in the Placement of Iliosacral Screws - Elizabeth W. Hubbard, MD (Resident)</td>
</tr>
<tr>
<td>8:40am-8:45am</td>
<td>Decreased Range of Motion following Total Knee Arthroplasty is Predicted by the Tampa Scale of Kinesiophobia (TSK) - Matthew L. Brown, MD (Resident)</td>
<td>Are Collapsed Cervical Discs Amenable to Total Disc Arthroplasty? Analysis of Prospective Clinical Study Results with 2-Year Follow-Up - David B. Musante, MD</td>
</tr>
<tr>
<td>8:45am-8:50am</td>
<td>A Prospective Observational Study of TKA Compared to PKA with Respect to Outcome of Pain and Function Scores as Compared to Preoperative Pain and Function: Predictors of Outcome - Michael Le, MD (Resident)</td>
<td>A Novel Local Cancellous Autograft Source for Anterior Cervical Discectomy with Fusion: A Technique Description and Comparative Study - Conor O’Neill, BS (Student)</td>
</tr>
<tr>
<td>8:50am-8:55am</td>
<td>Does an Enhanced Recovery Pathway Decrease Length after Total Knee Arthroplasty? - Mitchell R. Klement, MD (Resident)</td>
<td>Discussion</td>
</tr>
<tr>
<td>8:55am-9:05am</td>
<td>Discussion</td>
<td>Impact of BMp-7 on Cell Migration in the Meniscus - Victor Taylor, II, PhD</td>
</tr>
<tr>
<td>9:05am-9:10am</td>
<td>Patient Factors and Cost Associated with 90-Day Readmission following THA - F. Johannes Plate, MD, PhD (Resident)</td>
<td>Whole Body Vibration Increased Cartilage Thickness and Cancellous Bone Strength, but not Femoral Neck Density - William Runge, MS (Student)</td>
</tr>
<tr>
<td>9:10am-9:15am</td>
<td>Antibiotic Prophylaxis in Patients with a Reported Penicillin Allergy - John Adam Ruder, MD (Resident)</td>
<td>Discussion</td>
</tr>
<tr>
<td>9:15am-9:20am</td>
<td>Discussion</td>
<td>A Prospective Evaluation of Three Serum Biomarkers in Hip Arthroscopy Patients and Matched Controls - Austin V. Stone, MD, PhD (Resident)</td>
</tr>
<tr>
<td>9:20am-9:25am</td>
<td>Alarming National Obesity Trends in Revision Total Knee Arthroplasty - Susan M. Odum, PhD</td>
<td>Does Time during the Academic Year and Level of Resident Involvement Affect Complication Rates in Lower Extremity Orthopaedic Trauma? - Aaron J. Casp, MD (Resident)</td>
</tr>
<tr>
<td>Time</td>
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</tbody>
</table>
| 9:25am-9:30am |                                                                                   | Knee Arthroscopy Simulation Training: Does It Translate to Improved Proficiency in Wrist Arthroscopy?  
- Gabriella E. Ode, MD (Resident) |
| 9:25am-9:35am |                                                                                   | Discussion                                                                                                       |
| 9:30am-9:35am |                                                                                   | Discussion                                                                                                       |
| 9:35am-9:40am | Incidence of Heterotopic Ossification in Direct Anterior Approach vs. Posterior Approach to Total Hip Arthroplasty  
- Elizabeth Newman, MD (Resident) | Differences between Various Methods of Measuring the Size of Posterior Malleolus Fracture Fragments  
- Douglas Landry Jarvis, MD (Resident) |
| 9:40am-9:45am | The Fate of Isolated Acetabular Revision: A Comparison of Metal-on-Metal and Metal-on-Polyethylene Bearings  
- Thorsten Markus Seyler, MD, PhD | Major Perioperative Complications Are Higher in Ankle Fusion than Total Ankle Arthroplasty: Results of a Matched Cohort Study  
- Susan M. Odum, PhD |
| 9:45am-9:50am | Dual Mobility Liners for Revision THA Decrease Early Dislocation  
- Marc R. Angerame, MD (Resident) | Stability of Reduced Ankle Fracture-Dislocations Prior to Surgery  
- Andrew P. Matson, MD |
| 9:50am-9:55am | Does MRSA Decolonization Reduce the Risk of Surgical Site Infections in Total Joint Arthroplasty Patients? A Meta-Analysis  
- Bryce A. Van Doren, MA, MPA, MPH | Treatment Trends of Midshaft Clavicle Fractures  
- Brendan M. Patterson, MD, MPH (Resident) |
| 9:55am-10:00am | The Effect of a Door Alarm on Decreasing Operating Room Traffic in Total Joint Arthroplasty  
- Scott M. Eskildsen, MD (Resident) | Radiographic Measurements of Hip Dysplasia Correlate with Decreased Size of Acetabular Posterior Wall Fractures  
- Austin V. Stone, MD, PhD (Resident) |
| 10:00am-10:05am |                                                                                   | Older Patients Really Do Break More Easily: Decreased Collision Energy in Geriatric MVC  
- Austin V. Stone, MD, PhD (Resident) |
| 10:00am-10:15am |                                                                                   | Discussion                                                                                                       |
| 10:05am-10:15am |                                                                                   | Discussion                                                                                                       |

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**NC Society for Surgery of the Hand to Meet**

The NCSSSH will meet at the Kiawah Island Golf Resort on Friday, October 9, from 12:00 noon until 5:00pm, will participate in the Friday evening NCOA reception, will have dinner Friday evening following the reception, and will participate in the Saturday morning NCOA session and Upper Extremity breakout session.

Contact NCSSSH President Marc Richard, MD at marc.richard@duke.edu or (919) 451-7517 to register or for more information.
The 2014-2015 NCOA Executive Committee invites you to attend this year’s Annual Meeting, Oct. 9-11.

President
Julian M. “Mack” Aldridge, III, MD

President-Elect
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Vice President
Peter G. Mangone, MD

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Jason E. Lang, MD

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Michael P. Bolognesi, MD

Councilor to AAOS
Frank V. Aluisio, MD

Councilor to AAOS
Richard F. Bruch, MD

Councilor to AAOS
Edward G. Lilly, III, MD

Executive Director
W. Alan Skipper, CAE

NC Orthopaedic Association
P.O. Box 27167
Raleigh, NC 27611

2015 Annual Meeting Information
1. Personal Information (Please Print)

Name: ____________________________________________ Degree(s): __________________

Practice Name: _________________________________________________________________

Address: _______________________________________________________________________

City/State/Zip: __________________________________________________________________

Phone: ____________________________ Fax: _________________________________________

E-mail: ________________________________________________________________________

Badge Name: ___________________________________________ Last 4 Digits of SSN (for CME): ___ ___ ___ ___

Spouse/Guest Name (if attending): ________________________________________________

Child(ren) Name(s) and Age(s), if attending: ______________________________________

Emergency Contact Name: ____________________________ Phone _______________________

Dietary Restrictions or Special Needs: ______________________________________________

2. Registration Fees (2015 dues must be current to qualify for member rate. SC members may register at the NC member rate.)

Check one: Prior to 9/9 After 9/9

☐ Member Physician $100 .............................. $150

☐ Non-member Physician $350 ......................... $400

☐ Resident/Fellow/Med. Student $0 ............................................... $0

☐ Midlevel/Allied Health Prof. $125 ....................... $175

3. Optional Activities (please indicate # attending)

Friday Reception @ n/c ______

Saturday Golf Tournament at Osprey Point @ $225 (incl. boxed lunch and prizes) ______

Handicap: __________ Preffered pairing: ______________________________________________

Saturday Tennis Round Robin @ $30 (incl. beverages and prizes) ______

Saturday Oyster Roast/Buffet Dinner/Entertainment @ $75 per adult ______

@ $50 for residents/fellows/medical students and their guests ______  @ $25 for children 4-12 ______

4. Total Fees (total of sections 2 and 3, including $25 for paper syllabus)

☐ Enclosed is check #______ for $______ payable to NCOA, or

☐ Credit Card Type: ☐ Visa ☐ MasterCard (American Express not accepted.)

Name as it appears on Credit Card: _________________________________________________

Account #: __________ - __________ - __________ - __________ Exp. Date: __________ Security Code: __________

Billing Address and Zip Code: _______________________________________________________________________

No refunds will be given after October 2.

Register securely online at www.123signup.com/event?id=pqbph,
or return this form with payment to: PO Box 27167, Raleigh, NC 27611 / Fax: (919) 833-2023