

NCOA
PO Box 27167
Raleigh, NC 27611
Return service requested



2011 Annual Meeting of the North Carolina Orthopaedic Association

October 7-9, 2011 • Kiawah Island Golf Resort • Kiawah Island, South Carolina

This continuing medical education activity is jointly sponsored by the
North Carolina Orthopaedic Association and the Wake Area Health Education Center





2011 Annual Meeting of the North Carolina Orthopaedic Association

October 7-9

Kiawah Island Golf Resort, Kiawah Island, South Carolina

Target Audience and Purpose

This annual event is designed for orthopaedic surgeons to glean new, up-to-date research data on techniques and clinical management that will impact their clinical practice immediately. It offers valuable time to interact with clinical experts and colleagues to review specific concerns that surgeons may be experiencing. Additionally, given the current political, legislative and regulatory climate and its potentially significant impact on the practice of medicine, this meeting will serve as a forum to update participants on recent local and national developments in these areas.

Educational Objectives

At the conclusion of this educational activity participants should be able to:

- Identify relevant political, legislative, and regulatory issues pertinent to orthopaedic clinical practice.
- Analyze outcomes of total joint replacement.
- Improve ability to evaluate radiographic studies.
- Utilize outcomes and basic science to enhance care of patients with common sports medicine problems.
- Assess orthopaedic basic science and translational approaches to improve patient care.
- Present an evidence-based approach to the care of patients with common hand, knee, foot/ankle, and spine conditions.
- Discuss the decision-making process in providing orthopaedic oncologic care including pathologic fracture care.

Credit

The Wake Area Health Education Center designates this live activity for a maximum of *7.5 AMA PRA Category 1 Credits™*. 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 sponsorship of Wake Area Health Education Center and the North Carolina Orthopaedic Association. The Wake Area Health Education Center is accredited by the North Carolina Medical Society to provide continuing medical education for physicians.

Additional Credit

Other health professionals will receive Wake AHEC CEU and a certificate of attendance from an *AMA PRA* activity. These certificates are accepted by the NC boards for physician assistants, nurse practitioners, and nurses. License requirements are subject to change. Wake AHEC recommends that participants contact their licensing boards for specific questions. Wake Area Health Education Center will provide .75 Continuing Education Units (7.5 contact hours) to participants upon completion of this activity.

Disclosure

Wake AHEC adheres to ACCME Essential Areas and policies regarding industry support of continuing medical education. Commercial support of the program and faculty relationships within the industry will be disclosed at the activity. Speakers will also state when off-label or experimental use of drugs or devices are incorporated in their presentations.

Americans with Disabilities Act

Wake AHEC and the NCOA are fully committed to the principle of equal educational opportunities for all individuals and do 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 the NCOA office at (919) 833-3836 no later than ten business days before the date of the activity.

Meeting Features

This year's Annual Meeting will include several activities beyond the **Scientific Sessions** for your enjoyment. The **Exhibit Hall** will again complement the educational component of the meeting and provide you information on products and services of interest. Friday evening will feature a **Welcome Reception** providing an opportunity to renew acquaintances and meet new colleagues. Saturday begins with a risk management presentation, an update on the Safe Surgery Collaborative, and a state and national legislative update, followed by the **Membership Meeting/Business Meeting**. **Presidential Speaker James Mooney, III, MD**, will address the group on pediatric orthopaedic emergencies. Dr. Mooney received his B.S. in Biological Sciences from Stanford University and his M.D. from Wayne State University School of Medicine. He completed his General Surgery internship and his Orthopaedic Surgery residency at Bowman Gray - Wake Forest University School of Medicine/North Carolina Baptist Hospital, and completed a fellowship in Pediatric Orthopaedic Surgery at the Children's Hospital of Boston. Dr. Mooney is currently Professor of Orthopaedic Surgery and Chief, Division of Pediatric Orthopaedic Surgery at the Medical University of South Carolina. Dr. Mooney has numerous publications in his specialty of Pediatric Orthopaedic Surgery, including research on pediatric spinal deformity; pediatric fractures; and hip, knee, foot, and hand abnormalities. The Saturday **Scientific Session** includes your choice of "Hand/Upper Extremity" or "Joint" breakout sessions. Optional **Golf and Tennis Outings** are planned for Saturday afternoon; golf will be on Kiawah's Turtle Point Course. This year's Saturday evening **Reception and Dinner** will be a casual, family-friendly event, featuring the presentation of the **Honored Surgeon Award** and a DJ who will involve the crowd in fun activities. **Preregistration is required** for each of these activities; fees are noted on the registration form. Sunday will conclude the meeting with our final **Scientific Session** including subspecialty updates, and the presentation of resident paper awards.

Resort Features and Accommodations

Kiawah Island Golf Resort, located 21 miles from historic Charleston, is a family-friendly destination on a ten-mile-long barrier island providing the ideal combination of climate, history, nature, golf, tennis, and beach. The NCOA has reserved accommodations in the East Beach villas, which include full kitchens and screened-in porches. Rates for one-bedroom scenic view villas are \$219 plus 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. A limited number of two-bedroom villas and rooms at the Sanctuary are also being made available to our group; call the Resort for availability and rates. To secure your hotel accommodations, please either complete and send the Lodging Reservations form included in this brochure to Kiawah Island Golf Resort or call Reservations at (800) 654-2924 and refer to Booking Number 7357. The cut-off date to make reservations is September 7, so you are urged to make your reservation promptly.

Meeting Registration

The registration fee for NCOA members is \$75 for this event; the fee covers the welcome reception, two continental breakfasts and breaks, and all sessions and materials. The registration fee is \$300 for non-member physicians, complimentary for resident physicians and medical students, and \$125 for allied health professionals. There is an additional \$75 fee to attend the Saturday night banquet (this fee is reduced to \$25 for residents and medical students). You may register online by going to <https://www.123signup.com/event?id=cqgknc>, or you may complete the form in this brochure and return it with payment prior to **September 15**. Registrations received after that date will incur a higher fee (see registration form).

Registration Cancellation

Please note that refunds of registration fees will not be issued after **September 30**. Refunds, less \$25, will be made for cancellations received prior to that date. No-shows will be billed.

Questions

If you have any questions about the 2011 Annual Meeting, or need assistance, please call the NCOA at (919) 833-3836 or (800) 722-1350.

SCHEDULE

FRIDAY, OCTOBER 7

4:00-6:00pm Registration
6:00-7:30pm Welcome Reception
Dinner on your own. Call ahead for reservations at any of Kiawah Island Golf Resort's restaurants.

SATURDAY, OCTOBER 8

7:00-10:30am Registration / Exhibit Hall Open
7:00-8:00am Continental Breakfast / Visit Exhibits
7:45am-12:30pm Scientific Session

PART I:
7:45am Practice Management, Healthcare Policy and Legislative Update
Welcome and Introductions (William de Araujo, MD, President and Robert Esther, MD, Program Chair)
7:50am Risk Management (Theresa Essick, RN, CPHRM)
8:20am Safe Surgery Collaborative (Carol Koeble, MD, MS, CPE)
8:30am Legislative Update (Chip Baggett and Connie Wilson)
9:10am American Association of Orthopaedic Surgeons Washington Update (Graham Newson)
9:30am NCOA Membership Meeting/Business Meeting (William de Araujo, MD)
10:00am Break / Visit Exhibits

PART II:
10:30am Hand Surgery
What's New in Brachial Plexus Surgery (Robert Spinner, MD)
10:42am Treatment Choices for Dupuytren's Contracture: Benefits, Risks, and Results (Clay Peimer, MD)

PART III:
10:54am Presidential Address
"Three Reasons that I Still Get Up in the Middle of the Night, and Why You Probably Should Too" (Pediatric Orthopaedic Emergencies) (James Mooney, III, MD)
11:25am Discussion

11:35am Move to Breakout Sessions

PART IVA:
11:40am Hand / Upper Extremity Breakout Session
The Influence of One vs. Two Screws on Torsional Stability of Scaphoid Fractures: A Biomechanical Study in a Human Cadaver Model (Felicity Fishman, MD, Resident)
11:46am The Influence of Thumb Rotation on the Clinical Examination of Ulnar Collateral Ligament Injuries of the Metacarpophalangeal Joint: A Biomechanical Study in Cadavers (Stephanie Mayer, MD, Resident)
11:52am Analysis of the Complications of Palmar Plating vs. External Fixation of Fractures of the Distal Radius (Dan Wartinbee, MD, Resident)
11:58am Age Influences Healing and Function of Rotator Cuff Muscles (Johannes Plate, MD, Resident)
12:04pm Surgical Treatment of Traumatic Scapular Winging (Zhongyu "John" Li, MD)
12:10pm Hand and Microvascular Replantation Call Availability Study: A National Real-Time Survey of Level 1 and 2 Trauma Centers (Daniel Mangiapani, MSIV, Student)
12:16pm Discussion

Saturday, continued

PART IVB:	Joint Breakout Session
11:40am	Polished CoCr vs. Titanium Tibial Trays in Total Knee Replacement: A Comparison Using the PFC Sigma System (Michael Bolognesi, MD)
11:46am	Arthroplasty Case Studies (Edward Lilly, III, MD)
11:52am	Early Failure with a Second Generation Metal on Metal THA (David Mauerhan, MD)
11:58am	Seven-Year Experience with the Oxford Mobile Bearing Partial Knee Arthroplasty for Anteromedial Osteoarthritis of the Knee (David Mauerhan, MD)
12:04pm	A Clinical Comparative Study of the Direct Anterior with the Posterior Approach in Primary THA (Mark Schweppe, MD, Resident)
12:10pm	Discussion
12:30pm	Adjourn
1:00pm	Golf Outing at Turtle Point Golf Course (Pre-registration required; boxed lunch included)
2:00pm	Tennis Outing (Pre-registration required; beverages included)
6:30-11:00pm	Reception and Dinner (Pre-registration required; beach casual attire) Families Welcome! Presentation of Honored Surgeon Award and Entertainment

SUNDAY, OCTOBER 9

7:00-10:30am	Registration / Exhibit Hall Open
7:00-8:00am	Continental Breakfast / Visit Exhibits
8:00am-12:30pm	Scientific Session
PART I:	Spine
8:00am	Radiographic Analysis of Congenital Stenosis and Central Cord Syndrome (Jordan Schaeffer, MD, Resident)
8:06am	Effect of Surgical Experience on Operating Time and Estimated Blood Loss in Thoracolumbar Spinal Fusion Cases (Lloyd Hey, MD, MS)
8:12am	Adding Thoracic Fusion Levels in Lenke 5 Curves: Risks and Benefits/ Pediatric Scoliosis (Robert Lark, MD, MS)
8:18am	Discussion
PART II:	Imaging
8:30am	Radiographic Markers of the Hip Joint until Skeletal Maturity: How Do They Evolve?/ Pediatric Hip Disorders (Robert Lark, MD, MS)
8:36am	Anteroposterior Thickening of the Femoral Neck with Aging May Result in Increasing Cam Impingement in Men (Jacob Johnson, BS, Student)
8:42am	Surprising Evidence of Pelvic Growth (Widening) after Skeletal Maturity (Alexander Berger, BA, Student)
8:48am	Reliability and Validity of a Mobile Phone for Radiographic Assessment of Ankle Injuries: A Randomized Inter- and Intraobserver Agreement Study (Joshua Tennant, MD, Resident)
8:54am	Discussion

Sunday, continued

PART III:	Basic Science / Trauma
9:10am	Desferoxamine to Promote Fracture Healing in a Rat Tibia Critical Bone Defect Model (Bikramjit Grewal, MD, Resident)
9:16am	Gloving Technique and Intraoperative Bacterial Contamination (Kevin Shamburg, BS, Student)
9:22am	Decreasing Complications in External Fixation Pins via Time-Release Nitric Oxide Coatings (William Kesler, III, AB, Student)
9:28am	Biomechanical Comparison of Short Segment Long Bone Fracture Fixation Techniques: Single Large Fragment Plate vs. Two Small Fragment Plates (Adriel Watts, BS, Student)
9:34am	Increased Intra-articular Fracture Energy is Associated with Increased Acute Joint Pathology in a Mouse Knee (John Lewis, Jr., MD, Resident)
9:40am	Seven-Year Orthopaedic Physician Scientific Residency Program at Wake Forest University (Andrew Koman, MD)
9:46am	Discussion
10:00am	BREAK / VISIT EXHIBITS
PART IV:	Sports / Foot and Ankle
10:30am	Early Results of the Salto Talaris Total Ankle Prosthesis (Karl Schweitzer, Jr., MD, Resident)
10:36am	Long Term Follow-up of Surgically Managed Peroneal Tendon Tears (James Nunley, MD)
10:42am	Human Adipose Derived Stem Cell Seeding, Migration, and Proliferation in a Needle Punched Porous Human Allograft-Derived Meniscus Scaffold (Jeffrey Spang, MD)
10:48am	A Potential Mechanism for Meniscus Involvement in Degenerative Joint Disease (Austin Stone, MD, Resident)
10:54am	Long-Term Results of Untreated Anterior Cruciate Ligament Rupture: A 40-Year Follow Up Outcome Study (W. Jason McDaniel, Jr., MD)
11:00am	Discussion
PART V:	Subspecialty Updates / Common Clinical Problems
11:15am	Trauma (Tim Harris, MD)
11:25am	Sports (Jeffrey Spang, MD)
11:35am	Pediatric Elbow (Robert Lark, MD, MS)
11:45am	Total Joint (Chris Olcott, MD)
11:55am	Pathologic Fractures (Robert Esther, MD)
12:05pm	Discussion
12:15pm	Presentation of Resident Paper Awards
12:20pm	Closing Remarks (William de Araujo, MD)
12:30pm	Adjourn

NC SOCIETY FOR SURGERY OF THE HAND TO MEET

The NCSSH will meet on Friday morning, October 7.

The keynote speakers are Dr. Robert Spinner, Professor of Anatomy, Neurosurgery and Orthopedics at the Mayo Clinic and Dr. Clayton Peimer, hand surgeon at Marquette General Hospital. Contact [John Li, MD, PhD](mailto:John.Li@wfu.edu) at (336) 716-9351 or zli@wfubmc.edu to register or for more information.



Lodging Reservations

*North Carolina Orthopedic Association
October 6th – 9th, 2011*

Please fill in this form and **mail directly to:** *Reservations Department, Kiawah Island Golf Resort, 1 Sanctuary Beach Drive, Kiawah Island South Carolina, 29455.* You may call in your reservations to 800-654-2924, please reference group as **North Carolina Orthopedic Association** and/or the group **booking number of 7357**. You may also fax reservations to (843) 768-2736.

Deadline for making reservations is September 7th, 2011. Reservations received after this date will only be filled on a space-and-rate available basis.

Name: _____

Street: _____

City: _____ State: _____ Zip: _____

Telephone Number: *Office:* (____) _____ *Home:* (____) _____

E-mail address: _____

Arrival Date: _____ Departure Date: _____ # of Adults: _____
(Check-In 4:30pm) (Check-Out Noon)

(East Beach One Bedroom Scenic Villa - \$219.00 per night)

(East Beach Two Bedroom Scenic Villa - \$259.00 per night)

Deposit: Each reservation must be guaranteed by a check equal to one (1) night's lodging payable to Kiawah Island Golf Resort, OR complete the information below if you wish to guarantee by major credit card:

VISA Master Card American Express Diners Club Discover

Card Number: _____ Expiration Date: ____/____

Signature: _____

The Kiawah Island Golf Resort will confirm your reservation directly to you when your deposit is received. If the type of accommodation you request is unavailable, the most appropriate lodging available will be reserved for you. Your deposit must be received within five (5) days if not paid by major credit card. All rates are subject to 12.5% tax and 8% daily resort fee*tax rates are subject to change. Cancellations must be received fourteen (14) days prior to arrival date for refund of deposit.

Meeting Registration Form

October 7-9, 2011 • Kiawah Island Golf Resort • Kiawah Island, SC

Register securely online! Go to <https://www.123signup.com/event?id=cqnkc>

1. PERSONAL INFORMATION (PLEASE PRINT)

COMPLETE REGISTRATION FORM (ONE PER PERSON) AND RETURN BY FAX OR MAIL WITH PAYMENT DUE.

NAME: _____ DEGREE(S): _____

PRACTICE NAME: _____

ADDRESS: _____

CITY/STATE/ZIP: _____

LAST FOUR DIGITS OF SSN (REQUIRED FOR CME): _____

PHONE: () _____ FAX: () _____

E-MAIL: _____

HOME ADDRESS: _____

HOME CITY/STATE/ZIP: _____

PREFERRED NAME FOR BADGE: _____ SPOUSE/GUEST, IF ATTENDING: _____

CHILD(REN)'S NAME(S) AND AGE(S), IF ATTENDING: _____

EMERGENCY CONTACT: (NAME) _____ (PHONE) _____

ACCESSIBILITY NEEDS/DIETARY RESTRICTIONS: _____

2. REGISTRATION FEES

(To qualify for member rate, 2011 dues must be current.)

	Prior to 9/15	After 9/15
Member Physician	\$75	\$100
Non-Member Physician	\$300	\$350
Allied Health Professional	\$125	\$150
Resident Physician	\$0	\$0
Medical Student.....	\$0	\$0

••• Registration Fee Total \$ _____

3. ACTIVITIES

(To ensure we have adequate food and seating for everyone, please indicate number attending.)

_____ Friday Evening Welcome Reception
_____ Saturday Breakout Session (select one): _____ Hand/Upper Extremity or _____ Joint
_____ Saturday Golf Outing at Turtle Point Course (includes boxed lunch, beverages and prizes) @ \$225
Handicap: _____ or Average Score: _____

Preferred Pairing: _____
_____ Saturday Tennis Outing (includes beverages) @ \$25
_____ Saturday Dinner/Entertainment @ \$75 per adult (\$25 for residents/medical students)
_____ Saturday Dinner/Entertainment @ \$25 per child

••• Activity Fees Total \$ _____

4. TOTAL FEES (Total of sections 2-3)

(No refunds after September 30.)

Enclosed is check # _____ for \$ _____ payable to NCOA.

or
Credit Card Type: Visa _____ MasterCard _____ 3-Digit Code on Back of Card: _____

Name as it appears on Credit Card: _____

Account #: _____ - _____ - _____ Expiration Date: _____

Billing Address: _____

City/State/Zip: _____

Please register online, or mail or fax this form to:
NCOA, PO Box 27167, Raleigh, NC 27611
FAX: (919) 833-2023