

North Carolina Spine Society

# 2016 Annual Meeting



Friday and Saturday, August 12-13, 2016  
The Umstead Hotel and Spa, Cary, NC

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

# NCSS 2016 Annual Meeting

This course is designed for practicing orthopaedic and neurosurgical spine surgeons, fellows, and residents. The keynote speaker, **Dr. Frank M. Phillips**, is a visionary in the field of minimally invasive spine surgery. He specializes in minimally invasive cervical and lumbar reconstructive surgery and has expertise in motion preserving procedures. Dr. Phillips is a founder, board member and past president of the Society of Minimally Invasive Spine Surgery. He is currently a Professor of Orthopaedic Surgery at Rush University Medical Center in Chicago.

**Register before July 20** to receive the early-bird discounted rate. You may register securely online at <http://www.cvent.com/d/mfqv4n>, or fax or mail the form in this brochure with payment. Attire for the meeting and dinner is business casual.

## Objectives

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

- Discuss innovation and how to define the “value” of care as it relates to spinal surgery, in this constantly changing healthcare environment.
- Identify current recommended indications/contraindications and specific spinal pathology which can be treated using MIS spine techniques.
- Demonstrate the feasibility of and demonstrate the benefits of MIS single position anterior posterior fusion.
- Assess and analyze the revision rate, and occurrence of adjacent segment disease, after anterior cervical discectomy and fusion in a large case series.
- Discuss emerging technology which enables the reduction of radiation during spinal surgery.
- Analyze intraoperative technique in regards to the development of C5 palsy after posterior cervical spine surgery.
- Discuss the surgical treatment of spinal infections.

**AMA PRA Category 1 Credit™ - 5.0 hours**

## Credit Statement

The Southern Regional AHEC designates this live activity for a maximum of **5.0 AMA PRA Category 1 Credit(s)™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.



# Meeting Information

## 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 Spine Society. The Southern Regional AHEC is accredited by the North Carolina Medical Society to provide continuing medical education for physicians.

## 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™** 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 0.5 Continuing Education Units (5.0 contact hours) to participants upon completion of this activity.

## 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.

## Location / Accommodations

The 2016 Annual Meeting will be held at five-star, five-diamond Umstead Hotel and Spa, named by the U.S. News as one of the Best Hotels in America in 2015. The Umstead features a world-class collection of art, a five-star, five-diamond restaurant, and newly-renovated spa. The Umstead is conveniently located between Raleigh and Durham in Cary, just off Interstate 40. The Umstead has set aside a block of rooms for this meeting in the name NC Spine Society until **July 22** at a very special rate of just \$219 plus taxes. Call (866) 877-4141 or (919) 447-4000 for reservations.

## Optional Activities

Following the welcome reception in the exhibit hall, join your friends and colleagues for dinner at The Umstead with the first of Dr. Phillips' presentations. Dinner fees are noted on the registration form and pre-registration is required for catering purposes. An optional golf tournament at the Lonnie Poole Golf Course at NC State University will take place Saturday afternoon following the meeting's adjournment; the fee is \$75 including cart.

# Agenda

## Friday, August 12

- 4:30pm-7:00pm Registration  
5:30pm-7:00pm Welcome Reception  
7:00pm-9:00pm Dinner Program (Pre-registration required)  
Welcome and Introductions  
**Gurvinder Deol, MD**, President and Program Chair  
Value and Innovation in Spine Care  
**Frank Phillips, MD**

## Saturday, August 13

- 7:00am-12:00pm Registration  
7:00am-8:00am Continental Breakfast - Visit Exhibits  
8:00am-8:05am Welcome & Introductions  
**Gurvinder Deol, MD**, President and Program Chair  
8:05am-8:45am MIS Approach to Spinal Deformity Surgery  
**Frank Phillips, MD**  
8:45am-9:00am Questions/Discussion  
9:00am-9:15am MIS Single-Position Anterior Interbody Fusion and Bilateral Pedicle Screw Fixation: Feasibility and Perioperative Results  
**J. Alex Thomas, MD**  
9:15am-9:30am The Revision Rate and Occurrence of Adjacent Segment Disease after Anterior Cervical Discectomy and Fusion: A Study of 672 Consecutive Cases  
**Conor Regan, MD**  
9:30am-9:45am An Internally Randomized Control Trial of Radiation Exposure from LessRay Enhanced Ultra-Low Radiation Imaging Versus Traditional C-arm Fluoroscopy for Patients Undergoing Single Level MIS TLIF  
**S. Harrison Farber, BS (Medical Student)**  
9:45am-10:00am The Effect of Iatrogenic Lordosis and Laminectomy Width in the Development of Post-Operative C5 Palsy after Posterior Cervical Laminectomy and Fusion  
**Daniel Blizzard, MD, MS (Resident)**  
10:00am-10:15am Initial Surgical Management of Subaxial Cervical Spine Septic Facet Arthritis: A Report of Two Cases  
**Ryan Gentry, MD (Resident)**

# Agenda

## Saturday, August 13, cont.

- 10:15am-10:30am Lateral Interbody Fusion as a Treatment for Spondylodiscitis  
**Christopher Brown, MD**
- 10:30am-11:00am Break - Visit Exhibits
- 11:00am-11:20am Business Meeting (no credit will be awarded)  
**Gurvinder Deol, MD, President**
- 11:20am-12:05pm Documenting Your Way to a More Comfortable Trial  
**John Minier, JD**
- 12:05pm-12:15pm Questions/Discussion
- 12:15pm-1:00pm Lunch (included in registration fee)  
Lunch Presentation: The Patient as a Consumer of Healthcare  
**Cameron Cox, III, MHA, FACMPE**
- 1:00pm Adjourn
- 1:45pm Optional Golf Tournament at Lonnie Poole Golf Course (Pre-registration required)



# NC Spine Society Leadership

**2015 - 2016**

**Gurvinder S. Deol, MD**

President and Program Chair  
Wake Orthopaedics / WakeMed Health and Hospitals  
Raleigh, NC

**Samuel J. Chewning, Jr., MD, MBA**

President-Elect  
Carolina Neurosurgery and Spine Associates  
Concord, NC

**Deb Ashish Bhowmick, MD**

Vice-President  
University of North Carolina School of Medicine  
Chapel Hill, NC

**Oren N. Gottfried, MD**

Secretary-Treasurer  
Duke University Medical Center  
Durham, NC

**Charles S. Haworth, MD**

Immediate Past President  
Cape Fear Valley Neurosurgery  
Fayetteville, NC

**W. Alan Skipper, CAE**

Executive Director  
Raleigh, NC

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## **Americans with Disabilities Act**

Southern Regional AHEC and the NCSS 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 NCSS at (919) 833-3836 no later than ten business days before the date of the activity.



# Registration

**NC Spine Society 2016 Annual Meeting, August 12-13, 2016**

## 1. Personal Information (Please print)

Name: \_\_\_\_\_ Degree(s): \_\_\_\_\_

First Name for Badge: \_\_\_\_\_

Spouse/Guest Name, if attending: \_\_\_\_\_

Last Four Digits of SSN (required for CME): \_\_\_\_\_

Practice Name/Affiliation: \_\_\_\_\_

Address: \_\_\_\_\_

City/State/Zip: \_\_\_\_\_

E-mail: \_\_\_\_\_

Phone: \_\_\_\_\_

Emergency Contact Name and Phone: \_\_\_\_\_

Dietary Restrictions or Accessibility Needs: \_\_\_\_\_

## 2. Registration Fees (SC members may attend at the NC member rate; 2016 dues must be current to qualify for member rate.)

	Prior to 7/20	After 7/20
_____ Physician-NCSS member .....	\$250.....	\$300
_____ Physician-NCSS non-member.....	\$475.....	\$525
_____ Resident/Fellow/Medical student.....	\$-0.....	\$-0-
_____ Emeritus/Retired member.....	\$150.....	\$200
_____ Physician Extender/Allied Health Professional...\$125.....		\$175

Handouts will be available for download online approximately one week prior to the meeting. If you prefer to have a printed, paper copy of the lecture handouts, you may purchase a paper syllabus for \$25; check here to order a paper syllabus: \_\_\_\_\_

## 3. Social Activities (Lunch for registrants on Saturday is included in registration fee. Pre-registration required for all functions.)

Please indicate number attending:

\_\_\_\_\_ Friday Reception @ n/c  
\_\_\_\_\_ Friday Dinner – registrant @ n/c; \_\_\_\_\_ adult guest(s) @ \$50  
Guest Name(s): \_\_\_\_\_  
\_\_\_\_\_ Saturday Golf Tournament @ \$75      Handicap or average score \_\_\_\_\_  
Preferred pairing \_\_\_\_\_

## 4. Total Fees (Total of sections 2 and 3; include \$25 for paper syllabus.) \_\_\_\_\_

Enclosed is check # \_\_\_\_\_ for \$ \_\_\_\_\_ payable to NCSS, or

Credit Card Type: Visa \_\_\_\_\_ MasterCard \_\_\_\_\_ (American Express is not accepted.)

Name as it appears on Credit Card: \_\_\_\_\_

Billing Address if different from above: \_\_\_\_\_

Account #: \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Exp. Date: \_\_\_\_ / \_\_\_\_

3-digit CVV#: \_\_\_\_\_

Register securely online at <http://www.cvent.com/d/mfqv4n>, or send this form with payment to:  
NCSS, PO Box 27167, Raleigh, NC 27611 Fax: (919) 833-2023 **No refunds after August 5.**





North Carolina Spine Society  
PO Box 27167  
Raleigh, NC 27611

**Attention! NC Spine Society Annual Meeting  
Registration Materials!**